

Light is OSRAM

OSRAM
Opto Semiconductors

OSLON® Square White (CCT 2700 K – 6500 K)

IES LM-80-15 Raport z badań

Dokumentacja z badań nr: 190146W10 (nr dokumentu: OSRM027-2-E3-300) – 5 maj 2021





Raport z badań przedziałów godzinowych LM-80 25 000

IES LM-80-15 Zatwierdzony sposób pomiaru
utrzymania strumienia świetlnego źródeł światła LED

Raport grupowy CSA: **OSRM027-2-E3-300**

16 kwiecień 2021

| | |
|----------------|--|
| Producent: | OSRAM |
| Badany model: | GW CSSRM2.EM OSLON Square |
| Warunki badań: | 24 urządzenia dla 55.0 C, 1.050 A 24 urządzenia dla 85.0 C, 1.050 A 24 urządzenia dla 105.0 C, 1.050 A |

Przygotowane dla:
OSRAM Opto Semiconductors (Malaysia) Sdn.
Bayan Lepas Free Industrial Zone Phase 1,
11900 Bayan Lepas, Penang, Malaysia

Uwagi:

Badanie wykonane przez:
CSA Group Seattle
14833 NE 87th St
Redmond, WA 98052
425-605-8500
www.csagroupseattle.org

Raport z badań przygotowany przez:

Raport z badań zatwierdzony przez:

1.0 Sprawozdanie z warunków badań, podsumowanie wyników i wymogi sprawozdawczości:

| Numer części: GW CSSRM2.EM | | | | | | |
|--|--------------------|--------------------------|--|----------------------------|--|---|
| Warunki badań użytkowania | | | | Podsumowanie wyników | | |
| Warunki badań | Prąd zasilania (A) | Temperatura obudowy (°C) | Czas trwania badań użytkowania (h) | Srednie utrzymanie PPF (%) | Srednie utrzymanie strumienia świetlnego (%) | Srednie przesunięcie chromatyczności (Δu_v) |
| TC1 | 1.050 | 55 | 25000 | 99.6 | 100.0 | 0.0014 |
| TC2 | 1.050 | 85 | 25000 | 99.0 | 99.6 | 0.0016 |
| TC3 | 1.050 | 105 | 25000 | 97.3 | 98.1 | 0.0021 |
| Wymagania raportowania LM-80-15 | | | | | | |
| 1. Liczba badanych próbek: | | | 24 na badanie | | | |
| 2. Opis źródeł światła LED | | | Pakiet LED ¹ | | | |
| 3. Opis pomocniczego sprzętu | | | szczegóły w Sekcji 6.1. poniżej | | | |
| 4. Cykl pracy | | | Pakiety LED są zasilane stałym prądem podczas badań trwałości i są zasilane impulsowo podczas badań fotometrycznych | | | |
| 5. Warunki otoczenia, przepływ powietrza, wilgotność względna | | | LED pracują na sterowanych płytkach termicznych w środowisku, które jest zgodne z wymaganiami podanymi w Sekcji 4.4 LM-80-15. Temperatura obudowy (Ts): sterowana w zakresie -2°C, Temperatura powietrza otaczającego: sterowana w zakresie -5°C Ts, Wilgotność: <65 RH, bez wymuszonego przepływu powietrza | | | |
| 6. Temperatura obudowy (temperatura punktu pomiarowego) | | | szczegóły warunków badań w tabeli podsumowującej powyżej. Punkt pomiaru temperatury jest przedstawiony w Sekcji 6.3. | | | |
| 7. Prąd zasilający podczas badań trwałości | | | szczegóły w tabeli podsumowującej powyżej | | | |
| 8. Początkowy strumień świetlny i napięcie przewodzenia | | | szczegóły indywidualnych warunków badań w tabelach z danymi | | | |
| 9. Dane utrzymania strumienia świetlnego dla każdego pojedynczego źródła LED | | | szczegóły indywidualnych warunków badań w tabelach z danymi | | | |
| 10. Obserwacja awarii źródeł światła LED | | | szczegóły indywidualnych warunków badań w tabelach z danymi | | | |
| 11. Przedziały obserwacji źródeł światła LED | | | szczegóły indywidualnych warunków badań w tabelach z danymi | | | |
| 12. Niepewność pomiaru strumienia świetlnego | | | k= 2 rozszerzona niepewność pomiaru dla względnych pomiarów strumienia świetlnego wynosi +/-2,0% | | | |
| 13. Raportowane przesunięcie chromatyczności w czasie pomiarów | | | szczegóły indywidualnych warunków badań w tabelach z danymi | | | |
| 14. Data rozpoczęcia badań | | | 10 listopada 2017 | | | |
| 15. ANSI Target i obliczone wartości CCT | | | szczegóły w tabelach z danymi | | | |

Uwagi:

1. Według ANSI/IESNA RP-16-05 Dodatek b, Nomenclature and Definitions for Illuminating Engineering

TABELA 1.1 - Początkowe ANSI Target i obliczone wyniki CCT

GW CSSRM2.EM

| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | |
|---------------------|------------------|----------------------|------------------------------|---------------------|------------------|----------------------|------------------------------|---------------------|------------------|----------------------|------------------------------|
| | | ANSI Target* CCT (K) | Początkowa obliczona CCT (K) | | | ANSI Target* CCT (K) | Początkowa obliczona CCT (K) | | | ANSI Target* CCT (K) | Początkowa obliczona CCT (K) |
| 18000010849B031C | D1 | 3465±245 | 3388 | 5800001073C7031C | D1 | 3465±245 | 3461 | 1300001078A6031C | D1 | 3465±245 | 3413 |
| | D2 | 3465±245 | 3486 | | D2 | 3465±245 | 3429 | | D2 | 3465±245 | 3459 |
| | D3 | 3465±245 | 3475 | | D3 | 3465±245 | 3369 | | D3 | 3465±245 | 3454 |
| | D4 | 3465±245 | 3427 | | D4 | 3465±245 | 3400 | | D4 | 3465±245 | 3478 |
| | D5 | 3465±245 | 3448 | | D5 | 3465±245 | 3451 | | D5 | 3465±245 | 3430 |
| | D6 | 3465±245 | 3425 | | D6 | 3465±245 | 3407 | | D6 | 3465±245 | 3427 |
| | D7 | 3465±245 | 3490 | | D7 | 3465±245 | 3495 | | D7 | 3465±245 | 3389 |
| | D8 | 3465±245 | 3498 | | D8 | 3465±245 | 3440 | | D8 | 3465±245 | 3479 |
| | D9 | 3465±245 | 3416 | | D9 | 3465±245 | 3477 | | D9 | 3465±245 | 3479 |
| | D10 | 3465±245 | 3471 | | D10 | 3465±245 | 3458 | | D10 | 3465±245 | 3421 |
| | D11 | 3465±245 | 3471 | | D11 | 3465±245 | 3478 | | D11 | 3465±245 | 3392 |
| | D12 | 3465±245 | 3415 | | D12 | 3465±245 | 3482 | | D12 | 3465±245 | 3496 |
| 5900001077DC031C | D1 | 3465±245 | 3467 | 960000108055031C | D1 | 3465±245 | 3504 | DE00001081CE031C | D1 | 3465±245 | 3604 |
| | D2 | 3465±245 | 3446 | | D2 | 3465±245 | 3464 | | D2 | 3465±245 | 3458 |
| | D3 | 3465±245 | 3407 | | D3 | 3465±245 | 3379 | | D3 | 3465±245 | 3408 |
| | D4 | 3465±245 | 3393 | | D4 | 3465±245 | 3446 | | D4 | 3465±245 | 3400 |
| | D5 | 3465±245 | 3450 | | D5 | 3465±245 | 3461 | | D5 | 3465±245 | 3437 |
| | D6 | 3465±245 | 3446 | | D6 | 3465±245 | 3513 | | D6 | 3465±245 | 3498 |
| | D7 | 3465±245 | 3441 | | D7 | 3465±245 | 3476 | | D7 | 3465±245 | 3408 |
| | D8 | 3465±245 | 3428 | | D8 | 3465±245 | 3448 | | D8 | 3465±245 | 3467 |
| | D9 | 3465±245 | 3430 | | D9 | 3465±245 | 3452 | | D9 | 3465±245 | 3535 |
| | D10 | 3465±245 | 3484 | | D10 | 3465±245 | 3490 | | D10 | 3465±245 | 3528 |
| | D11 | 3465±245 | 3458 | | D11 | 3465±245 | 3460 | | D11 | 3465±245 | 3580 |
| | D12 | 3465±245 | 3459 | | D12 | 3465±245 | 3403 | | D12 | 3465±245 | 3438 |

* target CCT zgodnie z ANSI C78.377-2008

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|--|------------------|------------------------|--------|--|-------|---------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 2.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | | | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | GW CSSRM2.EM | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | Strumień świetlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 18000010849B031C | D1 | 382.55 | 3.51 | 101.4 | 101.3 | 101.3 | 101.4 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.4 | 101.4 |
| | D2 | 394.59 | 3.44 | 99.8 | 99.6 | 99.5 | 99.5 | 99.4 | 99.4 | 99.5 | 99.4 | 99.5 | 99.6 | 99.6 | |
| | D3 | 393.31 | 3.52 | 100.4 | 100.2 | 100.2 | 100.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.1 | 100.2 | 100.1 | |
| | D4 | 389.11 | 3.51 | 100.8 | 100.8 | 100.8 | 100.8 | 100.8 | 100.7 | 100.8 | 100.8 | 101.0 | 101.0 | 101.0 | |
| | D5 | 388.77 | 3.63 | 100.8 | 100.7 | 100.7 | 100.7 | 100.6 | 100.6 | 100.6 | 100.6 | 100.7 | 100.8 | 100.7 | |
| | D6 | 390.51 | 3.55 | 99.4 | 99.2 | 99.3 | 99.2 | 99.1 | 99.0 | 99.1 | 99.0 | 99.1 | 99.2 | 99.1 | |
| | D7 | 394.50 | 3.53 | 100.0 | 99.8 | 99.8 | 99.8 | 99.7 | 99.7 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | |
| | D8 | 391.57 | 3.51 | 99.5 | 99.3 | 99.2 | 99.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.0 | |
| | D9 | 391.72 | 3.63 | 100.9 | 100.8 | 100.8 | 100.9 | 100.8 | 100.8 | 100.8 | 100.8 | 100.9 | 101.0 | 100.9 | |
| | D10 | 391.91 | 3.66 | 100.4 | 100.2 | 100.1 | 100.1 | 100.0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.1 | 100.0 | |
| | D11 | 394.32 | 3.56 | 99.9 | 99.7 | 99.6 | 99.6 | 99.5 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.5 | |
| | D12 | 388.79 | 3.61 | 101.0 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 100.9 | 101.1 | 101.2 | 101.1 | |
| 5900001077DC031C | D1 | 390.00 | 3.42 | 100.9 | 100.9 | 100.9 | 101.0 | 100.8 | 100.8 | 100.9 | 100.9 | 100.9 | 101.1 | 101.0 | |
| | D2 | 396.48 | 3.41 | 99.9 | 99.9 | 99.9 | 99.9 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | |
| | D3 | 381.95 | 3.55 | 101.1 | 101.1 | 101.1 | 101.1 | 101.0 | 100.9 | 100.9 | 101.0 | 101.1 | 101.2 | 101.2 | |
| | D4 | 379.67 | 3.56 | 101.2 | 101.2 | 101.2 | 101.3 | 101.2 | 101.2 | 101.2 | 101.3 | 101.3 | 101.5 | 101.5 | |
| | D5 | 390.88 | 3.55 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.1 | 100.0 | |
| | D6 | 389.40 | 3.64 | 100.4 | 100.2 | 100.1 | 100.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.1 | 100.0 | |
| | D7 | 390.30 | 3.51 | 100.2 | 100.2 | 100.2 | 100.2 | 100.1 | 100.1 | 100.1 | 100.1 | 100.3 | 100.4 | 100.4 | |
| | D8 | 385.75 | 3.59 | 100.7 | 100.8 | 100.8 | 100.8 | 100.8 | 100.7 | 100.8 | 100.8 | 100.9 | 101.1 | 101.1 | |
| | D9 | 392.72 | 3.61 | 100.3 | 100.3 | 100.3 | 100.4 | 100.3 | 100.3 | 100.3 | 100.3 | 100.4 | 100.5 | 100.5 | |
| | D10 | 393.11 | 3.56 | 100.5 | 100.5 | 100.6 | 100.6 | 100.5 | 100.4 | 100.5 | 100.5 | 100.6 | 100.7 | 100.7 | |
| | D11 | 392.90 | 3.58 | 100.3 | 100.3 | 100.3 | 100.3 | 100.2 | 100.2 | 100.2 | 100.2 | 100.4 | 100.5 | 100.5 | |
| | D12 | 387.55 | 3.50 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 99.8 | 99.9 | 100.0 | 100.1 | 100.0 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 100.4 | 100.3 | 100.3 | 100.3 | 100.2 | 100.2 | 100.2 | 100.2 | 100.3 | 100.4 | 100.4 | |
| mediana | | | | 100.4 | 100.3 | 100.3 | 100.3 | 100.2 | 100.1 | 100.2 | 100.2 | 100.3 | 100.4 | 100.4 | |
| odchylenie standardowe | | | | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | |
| min. | | | | 99.4 | 99.2 | 99.2 | 99.2 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.0 | |
| maks. | | | | 101.4 | 101.3 | 101.3 | 101.4 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.5 | 101.5 | |

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|--|------------------|------------------------|--------|--|-------|---------|-------|-------|-------|-------|-------|-------|-------|--------------|--|
| TABELA 2.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | Strumień świetlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 18000010849B031C | D1 | 382.55 | 3.51 | 101.4 | 101.4 | 101.5 | 101.5 | 101.4 | 101.5 | 101.6 | 101.3 | 101.2 | 101.1 | 101.2 | |
| | D2 | 394.59 | 3.44 | 99.6 | 99.6 | 99.6 | 99.7 | 99.6 | 99.6 | 99.7 | 99.5 | 99.4 | 99.4 | 99.3 | |
| | D3 | 393.31 | 3.52 | 100.1 | 100.1 | 100.2 | 100.2 | 100.1 | 100.1 | 100.2 | 100.0 | 99.9 | 99.8 | 99.8 | |
| | D4 | 389.11 | 3.51 | 101.0 | 101.1 | 101.1 | 101.1 | 101.1 | 101.2 | 101.3 | 101.0 | 101.0 | 100.9 | 100.9 | |
| | D5 | 388.77 | 3.63 | 100.8 | 100.8 | 100.8 | 100.8 | 100.7 | 100.8 | 100.9 | 100.7 | 100.6 | 100.5 | 100.6 | |
| | D6 | 390.51 | 3.55 | 99.1 | 99.1 | 99.1 | 99.1 | 99.0 | 99.0 | 99.2 | 98.9 | 98.8 | 98.7 | 98.7 | |
| | D7 | 394.50 | 3.53 | 99.9 | 99.9 | 100.0 | 100.0 | 99.9 | 99.9 | 100.1 | 99.8 | 99.7 | 99.6 | 99.6 | |
| | D8 | 391.57 | 3.51 | 99.0 | 99.0 | 99.0 | 99.0 | 98.8 | 98.9 | 99.0 | 98.7 | 98.6 | 98.6 | 98.6 | |
| | D9 | 391.72 | 3.63 | 101.0 | 100.9 | 101.1 | 101.0 | 100.9 | 101.0 | 101.2 | 100.9 | 100.8 | 100.7 | 100.8 | |
| | D10 | 391.91 | 3.66 | 100.0 | 100.1 | 100.1 | 100.1 | 100.0 | 100.1 | 100.1 | 99.9 | 99.8 | 99.8 | 99.8 | |
| | D11 | 394.32 | 3.56 | 99.5 | 99.6 | 99.6 | 99.6 | 99.5 | 99.6 | 99.7 | 99.4 | 99.3 | 99.2 | 99.3 | |
| | D12 | 388.79 | 3.61 | 101.1 | 101.2 | 101.2 | 101.2 | 101.1 | 101.2 | 101.4 | 101.1 | 101.0 | 100.9 | 100.9 | |
| 5900001077DC031C | D1 | 390.00 | 3.42 | 101.0 | 101.0 | 101.1 | 101.1 | 101.0 | 101.1 | 101.2 | 101.0 | 100.9 | 100.9 | 101.0 | |
| | D2 | 396.48 | 3.41 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 | 100.2 | 99.9 | 99.8 | 99.7 | 99.7 | |
| | D3 | 381.95 | 3.55 | 101.2 | 101.2 | 101.2 | 101.1 | 101.1 | 101.2 | 101.4 | 101.1 | 101.0 | 100.9 | 100.9 | |
| | D4 | 379.67 | 3.56 | 101.5 | 101.5 | 101.6 | 101.6 | 101.5 | 101.6 | 101.7 | 101.4 | 101.3 | 101.3 | 101.2 | |
| | D5 | 390.88 | 3.55 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.3 | 100.0 | 99.9 | 99.9 | 99.9 | |
| | D6 | 389.40 | 3.64 | 100.1 | 100.0 | 100.1 | 100.0 | 99.9 | 100.0 | 100.2 | 99.8 | 99.8 | 99.7 | 99.7 | |
| | D7 | 390.30 | 3.51 | 100.4 | 100.3 | 100.4 | 100.3 | 100.3 | 100.4 | 100.5 | 100.3 | 100.2 | 100.1 | 100.1 | |
| | D8 | 385.75 | 3.59 | 101.0 | 101.1 | 101.1 | 101.1 | 101.0 | 101.2 | 101.3 | 101.0 | 100.9 | 100.8 | 100.9 | |
| | D9 | 392.72 | 3.61 | 100.5 | 100.5 | 100.6 | 100.6 | 100.5 | 100.6 | 100.7 | 100.4 | 100.4 | 100.3 | 100.3 | |
| | D10 | 393.11 | 3.56 | 100.6 | 100.6 | 100.7 | 100.6 | 100.5 | 100.6 | 100.8 | 100.5 | 100.4 | 100.4 | 100.4 | |
| | D11 | 392.90 | 3.58 | 100.5 | 100.4 | 100.5 | 100.5 | 100.4 | 100.5 | 100.7 | 100.4 | 100.3 | 100.2 | 100.3 | |
| | D12 | 387.55 | 3.50 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 | 100.1 | 99.8 | 99.7 | 99.6 | 99.6 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 100.4 | 100.4 | 100.4 | 100.4 | 100.3 | 100.4 | 100.6 | 100.3 | 100.2 | 100.1 | 100.1 | |
| mediana | | | | 100.4 | 100.4 | 100.5 | 100.4 | 100.4 | 100.5 | 100.6 | 100.3 | 100.2 | 100.2 | 100.2 | |
| odchylenie standardowe | | | | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | |
| min. | | | | 99.0 | 99.0 | 99.0 | 99.0 | 98.8 | 98.9 | 99.0 | 98.7 | 98.6 | 98.6 | 98.6 | |
| maks. | | | | 101.5 | 101.5 | 101.6 | 101.6 | 101.5 | 101.6 | 101.7 | 101.4 | 101.3 | 101.3 | 101.2 | |

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|--|------------------|------------------------|--------|--|-------|---------|--|--|--|--|--|--|--|--------------|--|
| TABELA 2.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | Strumień świetlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 18000010849B031C | D1 | 382.55 | 3.51 | 101.1 | 101.0 | 101.0 | | | | | | | | | |
| | D2 | 394.59 | 3.44 | 99.3 | 99.2 | 99.2 | | | | | | | | | |
| | D3 | 393.31 | 3.52 | 99.8 | 99.6 | 99.7 | | | | | | | | | |
| | D4 | 389.11 | 3.51 | 100.8 | 100.7 | 100.8 | | | | | | | | | |
| | D5 | 388.77 | 3.63 | 100.5 | 100.4 | 100.4 | | | | | | | | | |
| | D6 | 390.51 | 3.55 | 98.6 | 98.5 | 98.5 | | | | | | | | | |
| | D7 | 394.50 | 3.53 | 99.6 | 99.5 | 99.5 | | | | | | | | | |
| | D8 | 391.57 | 3.51 | 98.5 | 98.4 | 98.4 | | | | | | | | | |
| | D9 | 391.72 | 3.63 | 100.7 | 100.6 | 100.6 | | | | | | | | | |
| | D10 | 391.91 | 3.66 | 99.7 | 99.6 | 99.6 | | | | | | | | | |
| | D11 | 394.32 | 3.56 | 99.2 | 99.1 | 99.1 | | | | | | | | | |
| | D12 | 388.79 | 3.61 | 100.8 | 100.7 | 100.8 | | | | | | | | | |
| 5900001077DC031C | D1 | 390.00 | 3.42 | 100.9 | 100.8 | 100.8 | | | | | | | | | |
| | D2 | 396.48 | 3.41 | 99.7 | 99.6 | 99.6 | | | | | | | | | |
| | D3 | 381.95 | 3.55 | 100.8 | 100.7 | 100.8 | | | | | | | | | |
| | D4 | 379.67 | 3.56 | 101.2 | 101.1 | 101.1 | | | | | | | | | |
| | D5 | 390.88 | 3.55 | 99.9 | 99.8 | 99.8 | | | | | | | | | |
| | D6 | 389.40 | 3.64 | 99.6 | 99.5 | 99.6 | | | | | | | | | |
| | D7 | 390.30 | 3.51 | 100.0 | 99.9 | 100.0 | | | | | | | | | |
| | D8 | 385.75 | 3.59 | 100.8 | 100.7 | 100.8 | | | | | | | | | |
| | D9 | 392.72 | 3.61 | 100.3 | 100.2 | 100.2 | | | | | | | | | |
| | D10 | 393.11 | 3.56 | 100.3 | 100.2 | 100.3 | | | | | | | | | |
| | D11 | 392.90 | 3.58 | 100.1 | 100.0 | 100.1 | | | | | | | | | |
| | D12 | 387.55 | 3.50 | 99.5 | 99.4 | 99.4 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 100.1 | 100.0 | 100.0 | | | | | | | | | |
| mediana | | | | 100.1 | 100.0 | 100.1 | | | | | | | | | |
| odchylenie standardowe | | | | 0.8 | 0.8 | 0.8 | | | | | | | | | |
| min. | | | | 98.5 | 98.4 | 98.4 | | | | | | | | | |
| maks. | | | | 101.2 | 101.1 | 101.1 | | | | | | | | | |

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|--|------------------|---------------------------|--------|--|-------|---------|-------|-------|-------|-------|-------|-------|-------|--------------|--|
| TABELA 2.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | Strumień energetyczny (W) | VF (V) | Utrzymanie strumienia energetycznego (%) | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 18000010849B031C | D1 | 1.1597 | 3.51 | 101.1 | 100.9 | 100.9 | 100.9 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.8 | 100.8 | |
| | D2 | 1.1948 | 3.44 | 99.7 | 99.5 | 99.4 | 99.4 | 99.3 | 99.2 | 99.3 | 99.2 | 99.3 | 99.4 | 99.4 | |
| | D3 | 1.1921 | 3.52 | 100.4 | 100.1 | 100.1 | 100.0 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 99.9 | |
| | D4 | 1.1784 | 3.51 | 100.8 | 100.7 | 100.7 | 100.7 | 100.5 | 100.5 | 100.6 | 100.6 | 100.7 | 100.8 | 100.7 | |
| | D5 | 1.1789 | 3.63 | 100.7 | 100.5 | 100.5 | 100.5 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.5 | 100.4 | |
| | D6 | 1.1791 | 3.55 | 99.3 | 99.1 | 99.1 | 99.0 | 98.9 | 98.8 | 98.8 | 98.7 | 98.8 | 99.0 | 98.9 | |
| | D7 | 1.1914 | 3.53 | 99.8 | 99.7 | 99.6 | 99.6 | 99.5 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.6 | |
| | D8 | 1.1827 | 3.51 | 99.4 | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.8 | 98.7 | 98.8 | 98.9 | 98.8 | |
| | D9 | 1.1820 | 3.63 | 100.8 | 100.7 | 100.7 | 100.7 | 100.6 | 100.5 | 100.5 | 100.5 | 100.6 | 100.7 | 100.6 | |
| | D10 | 1.1847 | 3.66 | 100.3 | 100.1 | 100.0 | 99.9 | 99.7 | 99.6 | 99.7 | 99.6 | 99.7 | 99.8 | 99.7 | |
| | D11 | 1.1914 | 3.56 | 99.9 | 99.6 | 99.5 | 99.5 | 99.3 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.3 | |
| | D12 | 1.1829 | 3.61 | 100.8 | 100.7 | 100.7 | 100.7 | 100.6 | 100.6 | 100.6 | 100.6 | 100.7 | 100.8 | 100.8 | |
| 5900001077DC031C | D1 | 1.1786 | 3.42 | 100.7 | 100.7 | 100.7 | 100.8 | 100.6 | 100.5 | 100.6 | 100.6 | 100.7 | 100.7 | 100.7 | |
| | D2 | 1.1978 | 3.41 | 99.9 | 99.8 | 99.8 | 99.8 | 99.6 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | |
| | D3 | 1.1583 | 3.55 | 101.0 | 101.0 | 101.0 | 100.9 | 100.8 | 100.7 | 100.8 | 100.8 | 100.9 | 101.0 | 101.0 | |
| | D4 | 1.1476 | 3.56 | 101.1 | 101.1 | 101.0 | 101.0 | 100.9 | 100.9 | 100.9 | 101.0 | 101.0 | 101.2 | 101.2 | |
| | D5 | 1.1853 | 3.55 | 100.0 | 99.8 | 99.8 | 99.8 | 99.7 | 99.6 | 99.7 | 99.6 | 99.8 | 99.8 | 99.8 | |
| | D6 | 1.1842 | 3.64 | 100.3 | 100.0 | 99.9 | 99.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.7 | |
| | D7 | 1.1780 | 3.51 | 100.2 | 100.2 | 100.1 | 100.1 | 100.0 | 99.9 | 100.0 | 100.0 | 100.1 | 100.2 | 100.1 | |
| | D8 | 1.1698 | 3.59 | 100.7 | 100.7 | 100.6 | 100.7 | 100.6 | 100.5 | 100.6 | 100.6 | 100.7 | 100.8 | 100.8 | |
| | D9 | 1.1894 | 3.61 | 100.2 | 100.2 | 100.2 | 100.2 | 100.1 | 100.0 | 100.1 | 100.1 | 100.2 | 100.2 | 100.2 | |
| | D10 | 1.1897 | 3.56 | 100.4 | 100.4 | 100.4 | 100.4 | 100.3 | 100.2 | 100.2 | 100.2 | 100.4 | 100.4 | 100.4 | |
| | D11 | 1.1907 | 3.58 | 100.2 | 100.2 | 100.2 | 100.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.1 | 100.2 | 100.2 | |
| | D12 | 1.1733 | 3.50 | 99.9 | 99.9 | 99.9 | 99.8 | 99.7 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| średnia | | | | 100.3 | 100.2 | 100.2 | 100.1 | 100.0 | 99.9 | 100.0 | 100.0 | 100.1 | 100.2 | 100.1 | |
| mediana | | | | 100.3 | 100.2 | 100.1 | 100.1 | 100.0 | 99.9 | 100.0 | 100.0 | 100.1 | 100.2 | 100.2 | |
| odchylenie standardowe | | | | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | |
| min. | | | | 99.3 | 99.1 | 99.1 | 99.0 | 98.9 | 98.8 | 98.8 | 98.7 | 98.8 | 98.9 | 98.8 | |
| maks. | | | | 101.1 | 101.1 | 101.0 | 101.0 | 100.9 | 100.9 | 100.9 | 101.0 | 101.0 | 101.2 | 101.2 | |

| Warunek badania 155 °C1.050 A | | | | | | | | | | | | | |
|--|------------------|---------------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 2.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO | | | | | | | | | | | | | |
| Warunek badania 155 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | Strumień energetyczny (W) | VF (V) | Utrzymanie strumienia energetycznego (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 18000010849B031C | D1 | 1.1597 | 3.51 | 100.3 | 100.2 | 100.2 | | | | | | | |
| | D2 | 1.1948 | 3.44 | 99.0 | 98.9 | 98.9 | | | | | | | |
| | D3 | 1.1921 | 3.52 | 99.4 | 99.4 | 99.4 | | | | | | | |
| | D4 | 1.1784 | 3.51 | 100.5 | 100.4 | 100.5 | | | | | | | |
| | D5 | 1.1789 | 3.63 | 100.1 | 99.9 | 100.0 | | | | | | | |
| | D6 | 1.1791 | 3.55 | 98.3 | 98.2 | 98.2 | | | | | | | |
| | D7 | 1.1914 | 3.53 | 99.3 | 99.2 | 99.2 | | | | | | | |
| | D8 | 1.1827 | 3.51 | 98.2 | 98.1 | 98.1 | | | | | | | |
| | D9 | 1.1820 | 3.63 | 100.3 | 100.2 | 100.3 | | | | | | | |
| | D10 | 1.1847 | 3.66 | 99.3 | 99.2 | 99.3 | | | | | | | |
| | D11 | 1.1914 | 3.56 | 98.9 | 98.8 | 98.8 | | | | | | | |
| | D12 | 1.1829 | 3.61 | 100.5 | 100.4 | 100.4 | | | | | | | |
| 5900001077DC031C | D1 | 1.1786 | 3.42 | 100.4 | 100.4 | 100.5 | | | | | | | |
| | D2 | 1.1978 | 3.41 | 99.4 | 99.3 | 99.3 | | | | | | | |
| | D3 | 1.1583 | 3.55 | 100.6 | 100.5 | 100.5 | | | | | | | |
| | D4 | 1.1476 | 3.56 | 100.8 | 100.7 | 100.8 | | | | | | | |
| | D5 | 1.1853 | 3.55 | 99.5 | 99.4 | 99.5 | | | | | | | |
| | D6 | 1.1842 | 3.64 | 99.2 | 99.2 | 99.2 | | | | | | | |
| | D7 | 1.1780 | 3.51 | 99.8 | 99.7 | 99.8 | | | | | | | |
| | D8 | 1.1698 | 3.59 | 100.5 | 100.4 | 100.5 | | | | | | | |
| | D9 | 1.1894 | 3.61 | 100.0 | 99.9 | 99.9 | | | | | | | |
| | D10 | 1.1897 | 3.56 | 100.0 | 99.9 | 100.0 | | | | | | | |
| | D11 | 1.1907 | 3.58 | 99.8 | 99.7 | 99.8 | | | | | | | |
| | D12 | 1.1733 | 3.50 | 99.2 | 99.1 | 99.1 | | | | | | | |
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| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 99.7 | 99.6 | 99.7 | | | | | | | |
| mediana | | | | 99.8 | 99.7 | 99.8 | | | | | | | |
| odchylenie standardowe | | | | 0.7 | 0.7 | 0.7 | | | | | | | |
| min. | | | | 98.2 | 98.1 | 98.1 | | | | | | | |
| maks. | | | | 100.8 | 100.7 | 100.8 | | | | | | | |

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|---|------------------------|---------------------|--------|--|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| TABELA 2.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | | | GW CSSRM2.EM |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 18000010849B031C | D1 | 5.3603 | 3.51 | 101.1 | 100.9 | 100.9 | 100.9 | 100.8 | 100.7 | 100.7 | 100.7 | 100.8 | 100.9 | 100.8 | |
| | D2 | 5.5142 | 3.44 | 99.6 | 99.4 | 99.3 | 99.3 | 99.2 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | |
| | D3 | 5.5008 | 3.52 | 100.3 | 100.0 | 100.0 | 99.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.8 | |
| | D4 | 5.4452 | 3.51 | 100.7 | 100.6 | 100.6 | 100.6 | 100.5 | 100.5 | 100.5 | 100.5 | 100.6 | 100.7 | 100.7 | |
| | D5 | 5.4450 | 3.63 | 100.6 | 100.5 | 100.4 | 100.4 | 100.3 | 100.3 | 100.3 | 100.2 | 100.3 | 100.4 | 100.3 | |
| | D6 | 5.4500 | 3.55 | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.7 | 98.8 | 98.7 | 98.7 | 98.9 | 98.8 | |
| | D7 | 5.5004 | 3.53 | 99.7 | 99.6 | 99.6 | 99.5 | 99.4 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.5 | |
| | D8 | 5.4585 | 3.51 | 99.3 | 99.1 | 99.0 | 99.0 | 98.8 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.7 | |
| | D9 | 5.4647 | 3.63 | 100.8 | 100.6 | 100.6 | 100.6 | 100.5 | 100.4 | 100.5 | 100.5 | 100.5 | 100.7 | 100.6 | |
| | D10 | 5.4709 | 3.66 | 100.2 | 100.0 | 99.9 | 99.8 | 99.6 | 99.5 | 99.6 | 99.5 | 99.6 | 99.7 | 99.7 | |
| | D11 | 5.5014 | 3.56 | 99.8 | 99.6 | 99.5 | 99.4 | 99.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.3 | |
| | D12 | 5.4662 | 3.61 | 100.8 | 100.7 | 100.7 | 100.7 | 100.5 | 100.5 | 100.6 | 100.5 | 100.7 | 100.8 | 100.7 | |
| 5900001077DC031C | D1 | 5.4434 | 3.42 | 100.7 | 100.7 | 100.7 | 100.7 | 100.5 | 100.5 | 100.5 | 100.5 | 100.6 | 100.7 | 100.6 | |
| | D2 | 5.5342 | 3.41 | 99.8 | 99.7 | 99.7 | 99.7 | 99.5 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | |
| | D3 | 5.3552 | 3.55 | 101.0 | 100.9 | 100.9 | 100.9 | 100.8 | 100.7 | 100.7 | 100.7 | 100.8 | 100.9 | 100.9 | |
| | D4 | 5.3080 | 3.56 | 101.0 | 101.0 | 101.0 | 101.0 | 100.9 | 100.8 | 100.9 | 100.9 | 101.0 | 101.2 | 101.1 | |
| | D5 | 5.4738 | 3.55 | 99.9 | 99.7 | 99.7 | 99.7 | 99.6 | 99.6 | 99.6 | 99.5 | 99.7 | 99.8 | 99.7 | |
| | D6 | 5.4666 | 3.64 | 100.2 | 100.0 | 99.9 | 99.8 | 99.6 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.7 | |
| | D7 | 5.4447 | 3.51 | 100.1 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 99.8 | 99.8 | 100.0 | 100.1 | 100.0 | |
| | D8 | 5.4072 | 3.59 | 100.6 | 100.6 | 100.6 | 100.6 | 100.5 | 100.4 | 100.5 | 100.5 | 100.6 | 100.7 | 100.7 | |
| | D9 | 5.4966 | 3.61 | 100.2 | 100.1 | 100.1 | 100.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.1 | 100.2 | 100.2 | |
| | D10 | 5.4890 | 3.56 | 100.3 | 100.3 | 100.4 | 100.3 | 100.2 | 100.1 | 100.2 | 100.2 | 100.3 | 100.4 | 100.3 | |
| | D11 | 5.4994 | 3.58 | 100.2 | 100.1 | 100.1 | 100.1 | 100.0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.2 | 100.1 | |
| | D12 | 5.4176 | 3.50 | 99.9 | 99.8 | 99.8 | 99.8 | 99.6 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.7 | |
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| | n | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| | średnia | | | 100.2 | 100.1 | 100.1 | 100.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.1 | 100.0 | |
| | mediana | | | 100.2 | 100.1 | 100.0 | 100.0 | 99.9 | 99.8 | 99.9 | 99.9 | 100.0 | 100.1 | 100.1 | |
| | odchylenie standardowe | | | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | |
| | min. | | | 99.2 | 99.1 | 99.0 | 98.9 | 98.8 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.7 | |
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| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| TABELA 2.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | | | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 18000010849B031C | D1 | 5.3603 | 3.51 | 100.8 | 100.8 | 100.9 | 100.8 | 100.7 | 100.8 | 100.9 | 100.6 | 100.5 | 100.5 | 100.5 | |
| | D2 | 5.5142 | 3.44 | 99.3 | 99.3 | 99.3 | 99.3 | 99.2 | 99.3 | 99.3 | 99.1 | 99.0 | 99.0 | 99.0 | |
| | D3 | 5.5008 | 3.52 | 99.8 | 99.8 | 99.9 | 99.8 | 99.7 | 99.8 | 99.9 | 99.7 | 99.5 | 99.5 | 99.5 | |
| | D4 | 5.4452 | 3.51 | 100.7 | 100.7 | 100.7 | 100.7 | 100.7 | 100.8 | 100.8 | 100.7 | 100.6 | 100.5 | 100.5 | |
| | D5 | 5.4450 | 3.63 | 100.4 | 100.4 | 100.4 | 100.4 | 100.3 | 100.4 | 100.4 | 100.2 | 100.1 | 100.1 | 100.1 | |
| | D6 | 5.4500 | 3.55 | 98.8 | 98.7 | 98.7 | 98.7 | 98.6 | 98.7 | 98.8 | 98.5 | 98.4 | 98.3 | 98.3 | |
| | D7 | 5.5004 | 3.53 | 99.5 | 99.5 | 99.6 | 99.6 | 99.5 | 99.5 | 99.7 | 99.4 | 99.3 | 99.2 | 99.2 | |
| | D8 | 5.4585 | 3.51 | 98.7 | 98.7 | 98.7 | 98.6 | 98.5 | 98.6 | 98.6 | 98.4 | 98.3 | 98.2 | 98.2 | |
| | D9 | 5.4647 | 3.63 | 100.6 | 100.6 | 100.7 | 100.6 | 100.5 | 100.6 | 100.7 | 100.4 | 100.4 | 100.3 | 100.4 | |
| | D10 | 5.4709 | 3.66 | 99.6 | 99.7 | 99.7 | 99.6 | 99.6 | 99.6 | 99.7 | 99.5 | 99.4 | 99.3 | 99.4 | |
| | D11 | 5.5014 | 3.56 | 99.3 | 99.3 | 99.3 | 99.3 | 99.2 | 99.3 | 99.4 | 99.2 | 99.0 | 98.9 | 99.0 | |
| | D12 | 5.4662 | 3.61 | 100.7 | 100.7 | 100.8 | 100.8 | 100.7 | 100.8 | 100.9 | 100.6 | 100.5 | 100.4 | 100.5 | |
| 5900001077DC031C | D1 | 5.4434 | 3.42 | 100.6 | 100.6 | 100.7 | 100.6 | 100.5 | 100.7 | 100.7 | 100.5 | 100.5 | 100.5 | 100.5 | |
| | D2 | 5.5342 | 3.41 | 99.7 | 99.7 | 99.7 | 99.7 | 99.6 | 99.7 | 99.8 | 99.5 | 99.5 | 99.4 | 99.4 | |
| | D3 | 5.3552 | 3.55 | 100.9 | 100.8 | 100.9 | 100.8 | 100.8 | 100.9 | 101.0 | 100.7 | 100.6 | 100.6 | 100.5 | |
| | D4 | 5.3080 | 3.56 | 101.1 | 101.1 | 101.2 | 101.2 | 101.1 | 101.2 | 101.3 | 101.0 | 100.9 | 100.8 | 100.8 | |
| | D5 | 5.4738 | 3.55 | 99.7 | 99.7 | 99.8 | 99.8 | 99.7 | 99.8 | 99.9 | 99.6 | 99.5 | 99.5 | 99.5 | |
| | D6 | 5.4666 | 3.64 | 99.7 | 99.6 | 99.7 | 99.6 | 99.5 | 99.6 | 99.7 | 99.5 | 99.4 | 99.3 | 99.3 | |
| | D7 | 5.4447 | 3.51 | 100.0 | 100.0 | 100.1 | 100.0 | 100.0 | 100.0 | 100.1 | 99.9 | 99.8 | 99.7 | 99.8 | |
| | D8 | 5.4072 | 3.59 | 100.7 | 100.7 | 100.8 | 100.7 | 100.7 | 100.8 | 100.9 | 100.6 | 100.5 | 100.5 | 100.5 | |
| | D9 | 5.4966 | 3.61 | 100.2 | 100.2 | 100.2 | 100.2 | 100.1 | 100.2 | 100.3 | 100.1 | 100.0 | 99.9 | 100.0 | |
| | D10 | 5.4890 | 3.56 | 100.3 | 100.3 | 100.3 | 100.3 | 100.2 | 100.2 | 100.4 | 100.1 | 100.0 | 100.0 | 100.0 | |
| | D11 | 5.4994 | 3.58 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.2 | 100.0 | 99.9 | 99.8 | 99.9 | |
| | D12 | 5.4176 | 3.50 | 99.6 | 99.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.4 | 99.3 | 99.2 | 99.2 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 100.0 | 100.0 | 100.1 | 100.0 | 100.0 | 100.0 | 100.1 | 99.9 | 99.8 | 99.7 | 99.7 | |
| mediana | | | | 100.1 | 100.1 | 100.1 | 100.1 | 100.0 | 100.1 | 100.2 | 100.0 | 99.9 | 99.8 | 99.8 | |
| odchylenie standardowe | | | | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | |
| min. | | | | 98.7 | 98.7 | 98.7 | 98.6 | 98.5 | 98.6 | 98.6 | 98.4 | 98.3 | 98.2 | 98.2 | |
| maks. | | | | 101.1 | 101.1 | 101.2 | 101.2 | 101.1 | 101.2 | 101.3 | 101.0 | 100.9 | 100.8 | 100.8 | |

| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 2.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | |
| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 18000010849B031C | D1 | 5.3603 | 3.51 | 100.4 | 100.3 | 100.3 | | | | | | | |
| | D2 | 5.5142 | 3.44 | 98.9 | 98.8 | 98.8 | | | | | | | |
| | D3 | 5.5008 | 3.52 | 99.4 | 99.3 | 99.4 | | | | | | | |
| | D4 | 5.4452 | 3.51 | 100.4 | 100.3 | 100.4 | | | | | | | |
| | D5 | 5.4450 | 3.63 | 100.0 | 99.9 | 100.0 | | | | | | | |
| | D6 | 5.4500 | 3.55 | 98.2 | 98.1 | 98.1 | | | | | | | |
| | D7 | 5.5004 | 3.53 | 99.2 | 99.1 | 99.2 | | | | | | | |
| | D8 | 5.4585 | 3.51 | 98.1 | 98.0 | 98.1 | | | | | | | |
| | D9 | 5.4647 | 3.63 | 100.2 | 100.2 | 100.2 | | | | | | | |
| | D10 | 5.4709 | 3.66 | 99.2 | 99.1 | 99.2 | | | | | | | |
| | D11 | 5.5014 | 3.56 | 98.8 | 98.8 | 98.8 | | | | | | | |
| | D12 | 5.4662 | 3.61 | 100.4 | 100.3 | 100.4 | | | | | | | |
| 5900001077DC031C | D1 | 5.4434 | 3.42 | 100.4 | 100.3 | 100.4 | | | | | | | |
| | D2 | 5.5342 | 3.41 | 99.3 | 99.2 | 99.2 | | | | | | | |
| | D3 | 5.3552 | 3.55 | 100.5 | 100.4 | 100.4 | | | | | | | |
| | D4 | 5.3080 | 3.56 | 100.7 | 100.6 | 100.7 | | | | | | | |
| | D5 | 5.4738 | 3.55 | 99.4 | 99.3 | 99.4 | | | | | | | |
| | D6 | 5.4666 | 3.64 | 99.2 | 99.1 | 99.2 | | | | | | | |
| | D7 | 5.4447 | 3.51 | 99.6 | 99.5 | 99.7 | | | | | | | |
| | D8 | 5.4072 | 3.59 | 100.4 | 100.3 | 100.4 | | | | | | | |
| | D9 | 5.4966 | 3.61 | 99.9 | 99.8 | 99.9 | | | | | | | |
| | D10 | 5.4890 | 3.56 | 99.9 | 99.8 | 99.9 | | | | | | | |
| | D11 | 5.4994 | 3.58 | 99.7 | 99.6 | 99.7 | | | | | | | |
| | D12 | 5.4176 | 3.50 | 99.1 | 99.0 | 99.1 | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 99.6 | 99.5 | 99.6 | | | | | | | |
| mediana | | | | 99.7 | 99.6 | 99.7 | | | | | | | |
| odchylenie standardowe | | | | 0.7 | 0.7 | 0.7 | | | | | | | |
| min. | | | | 98.1 | 98.0 | 98.1 | | | | | | | |
| maks. | | | | 100.7 | 100.6 | 100.7 | | | | | | | |

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 2.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 18000010849B031C | D1 | | 0.2363 | 0.2356 | 0.2357 | 0.2356 | 0.2355 | 0.2356 | 0.2355 | 0.2355 | 0.2355 | 0.2354 | 0.2355 | 0.2355 | |
| | D2 | | 0.2335 | 0.2326 | 0.2325 | 0.2325 | 0.2324 | 0.2324 | 0.2323 | 0.2323 | 0.2323 | 0.2322 | 0.2323 | 0.2322 | |
| | D3 | | 0.2338 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | |
| | D4 | | 0.2352 | 0.2344 | 0.2343 | 0.2343 | 0.2341 | 0.2341 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | 0.2340 | 0.2339 | |
| | D5 | | 0.2346 | 0.2338 | 0.2337 | 0.2337 | 0.2336 | 0.2336 | 0.2335 | 0.2335 | 0.2335 | 0.2334 | 0.2335 | 0.2334 | |
| | D6 | | 0.2350 | 0.2341 | 0.2340 | 0.2340 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | 0.2338 | 0.2337 | 0.2338 | 0.2337 | |
| | D7 | | 0.2331 | 0.2322 | 0.2321 | 0.2321 | 0.2320 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2318 | 0.2319 | 0.2318 | |
| | D8 | | 0.2329 | 0.2321 | 0.2321 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | |
| | D9 | | 0.2352 | 0.2343 | 0.2342 | 0.2342 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | 0.2340 | 0.2339 | 0.2340 | 0.2339 | |
| | D10 | | 0.2337 | 0.2328 | 0.2327 | 0.2327 | 0.2326 | 0.2326 | 0.2325 | 0.2325 | 0.2324 | 0.2324 | 0.2324 | 0.2324 | |
| | D11 | | 0.2338 | 0.2329 | 0.2329 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | |
| | D12 | | 0.2359 | 0.2349 | 0.2348 | 0.2348 | 0.2347 | 0.2347 | 0.2346 | 0.2346 | 0.2346 | 0.2345 | 0.2345 | 0.2345 | |
| 5900001077DC031C | D1 | | 0.2339 | 0.2331 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2326 | 0.2326 | |
| | D2 | | 0.2344 | 0.2335 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | 0.2331 | |
| | D3 | | 0.2358 | 0.2349 | 0.2348 | 0.2348 | 0.2347 | 0.2346 | 0.2346 | 0.2346 | 0.2346 | 0.2346 | 0.2345 | 0.2345 | |
| | D4 | | 0.2359 | 0.2350 | 0.2349 | 0.2349 | 0.2348 | 0.2348 | 0.2347 | 0.2347 | 0.2347 | 0.2346 | 0.2346 | 0.2346 | |
| | D5 | | 0.2346 | 0.2337 | 0.2336 | 0.2336 | 0.2335 | 0.2335 | 0.2334 | 0.2334 | 0.2334 | 0.2333 | 0.2334 | 0.2333 | |
| | D6 | | 0.2349 | 0.2341 | 0.2340 | 0.2341 | 0.2339 | 0.2339 | 0.2339 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | 0.2338 | |
| | D7 | | 0.2345 | 0.2335 | 0.2334 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | 0.2331 | 0.2330 | |
| | D8 | | 0.2353 | 0.2343 | 0.2342 | 0.2342 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | 0.2340 | 0.2339 | 0.2339 | 0.2339 | |
| | D9 | | 0.2351 | 0.2341 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | 0.2339 | 0.2339 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | |
| | D10 | | 0.2334 | 0.2325 | 0.2324 | 0.2324 | 0.2323 | 0.2323 | 0.2322 | 0.2323 | 0.2322 | 0.2322 | 0.2322 | 0.2322 | |
| | D11 | | 0.2343 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | |
| | D12 | | 0.2342 | 0.2333 | 0.2331 | 0.2332 | 0.2331 | 0.2330 | 0.2330 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.2337 | 0.2336 | 0.2336 | 0.2335 | 0.2335 | 0.2334 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2333 | |
| mediana | | | | 0.2336 | 0.2335 | 0.2335 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | |
| odchylenie standardowe | | | | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0009 | 0.0009 | 0.0009 | |
| min. | | | | 0.2321 | 0.2321 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | |
| maks. | | | | 0.2356 | 0.2357 | 0.2356 | 0.2355 | 0.2356 | 0.2355 | 0.2355 | 0.2355 | 0.2354 | 0.2355 | 0.2355 | |

| Warunek badania 1 | | | | 55 °c | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 2.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °c | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 18000010849B031C | D1 | | 0.2363 | 0.2355 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | |
| | D2 | | 0.2335 | 0.2322 | 0.2321 | 0.2322 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | |
| | D3 | | 0.2338 | 0.2327 | 0.2327 | 0.2327 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | |
| | D4 | | 0.2352 | 0.2339 | 0.2339 | 0.2339 | 0.2339 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | 0.2338 | 0.2338 | 0.2338 | |
| | D5 | | 0.2346 | 0.2333 | 0.2334 | 0.2334 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | |
| | D6 | | 0.2350 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2336 | 0.2337 | 0.2336 | 0.2336 | 0.2336 | |
| | D7 | | 0.2331 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | |
| | D8 | | 0.2329 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2316 | 0.2316 | 0.2317 | 0.2316 | 0.2316 | 0.2316 | |
| | D9 | | 0.2352 | 0.2339 | 0.2339 | 0.2339 | 0.2338 | 0.2339 | 0.2338 | 0.2337 | 0.2338 | 0.2338 | 0.2338 | 0.2338 | |
| | D10 | | 0.2337 | 0.2323 | 0.2324 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2322 | 0.2323 | 0.2323 | 0.2322 | 0.2322 | |
| | D11 | | 0.2338 | 0.2326 | 0.2325 | 0.2325 | 0.2325 | 0.2325 | 0.2325 | 0.2324 | 0.2325 | 0.2325 | 0.2325 | 0.2325 | |
| | D12 | | 0.2359 | 0.2344 | 0.2345 | 0.2344 | 0.2344 | 0.2344 | 0.2344 | 0.2343 | 0.2344 | 0.2344 | 0.2344 | 0.2344 | |
| 5900001077DC031C | D1 | | 0.2339 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2325 | 0.2326 | 0.2325 | 0.2325 | 0.2325 | |
| | D2 | | 0.2344 | 0.2330 | 0.2330 | 0.2330 | 0.2331 | 0.2330 | 0.2330 | 0.2329 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | |
| | D3 | | 0.2358 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2344 | 0.2345 | 0.2344 | 0.2345 | 0.2345 | |
| | D4 | | 0.2359 | 0.2346 | 0.2346 | 0.2346 | 0.2345 | 0.2346 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | |
| | D5 | | 0.2346 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | |
| | D6 | | 0.2349 | 0.2338 | 0.2338 | 0.2337 | 0.2338 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | |
| | D7 | | 0.2345 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2330 | 0.2329 | 0.2329 | 0.2329 | |
| | D8 | | 0.2353 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | 0.2338 | 0.2338 | 0.2337 | 0.2338 | 0.2338 | 0.2338 | 0.2338 | |
| | D9 | | 0.2351 | 0.2338 | 0.2338 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | 0.2337 | |
| | D10 | | 0.2334 | 0.2322 | 0.2322 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2320 | 0.2321 | 0.2321 | 0.2320 | 0.2320 | |
| | D11 | | 0.2343 | 0.2331 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | |
| | D12 | | 0.2342 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.2333 | 0.2333 | 0.2332 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | |
| mediana | | | | 0.2332 | 0.2332 | 0.2331 | 0.2332 | 0.2331 | 0.2332 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | |
| odchylenie standardowe | | | | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | 0.0010 | |
| min. | | | | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2316 | 0.2316 | 0.2317 | 0.2316 | 0.2316 | 0.2316 | |
| maks. | | | | 0.2355 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | |

| Warunek badania 1 | | | | 55 °c | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--|--|--|--|--|--|--|--------------|--|
| TABELA 2.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °c | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 18000010849B031C | D1 | | 0.2363 | 0.2353 | 0.2354 | 0.2354 | | | | | | | | | |
| | D2 | | 0.2335 | 0.2320 | 0.2321 | 0.2321 | | | | | | | | | |
| | D3 | | 0.2338 | 0.2325 | 0.2326 | 0.2326 | | | | | | | | | |
| | D4 | | 0.2352 | 0.2338 | 0.2338 | 0.2338 | | | | | | | | | |
| | D5 | | 0.2346 | 0.2332 | 0.2333 | 0.2333 | | | | | | | | | |
| | D6 | | 0.2350 | 0.2336 | 0.2336 | 0.2337 | | | | | | | | | |
| | D7 | | 0.2331 | 0.2317 | 0.2317 | 0.2317 | | | | | | | | | |
| | D8 | | 0.2329 | 0.2316 | 0.2316 | 0.2316 | | | | | | | | | |
| | D9 | | 0.2352 | 0.2338 | 0.2338 | 0.2338 | | | | | | | | | |
| | D10 | | 0.2337 | 0.2322 | 0.2322 | 0.2322 | | | | | | | | | |
| | D11 | | 0.2338 | 0.2324 | 0.2325 | 0.2325 | | | | | | | | | |
| | D12 | | 0.2359 | 0.2343 | 0.2344 | 0.2344 | | | | | | | | | |
| 5900001077DC031C | D1 | | 0.2339 | 0.2324 | 0.2325 | 0.2325 | | | | | | | | | |
| | D2 | | 0.2344 | 0.2329 | 0.2329 | 0.2330 | | | | | | | | | |
| | D3 | | 0.2358 | 0.2343 | 0.2345 | 0.2345 | | | | | | | | | |
| | D4 | | 0.2359 | 0.2344 | 0.2345 | 0.2345 | | | | | | | | | |
| | D5 | | 0.2346 | 0.2331 | 0.2332 | 0.2332 | | | | | | | | | |
| | D6 | | 0.2349 | 0.2336 | 0.2337 | 0.2337 | | | | | | | | | |
| | D7 | | 0.2345 | 0.2328 | 0.2329 | 0.2330 | | | | | | | | | |
| | D8 | | 0.2353 | 0.2337 | 0.2337 | 0.2338 | | | | | | | | | |
| | D9 | | 0.2351 | 0.2336 | 0.2336 | 0.2337 | | | | | | | | | |
| | D10 | | 0.2334 | 0.2319 | 0.2320 | 0.2320 | | | | | | | | | |
| | D11 | | 0.2343 | 0.2329 | 0.2330 | 0.2330 | | | | | | | | | |
| | D12 | | 0.2342 | 0.2328 | 0.2328 | 0.2329 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 0.2331 | 0.2332 | 0.2332 | | | | | | | | | |
| mediana | | | | 0.2330 | 0.2331 | 0.2331 | | | | | | | | | |
| odchylenie standardowe | | | | 0.0010 | 0.0010 | 0.0010 | | | | | | | | | |
| min. | | | | 0.2316 | 0.2316 | 0.2316 | | | | | | | | | |
| maks. | | | | 0.2353 | 0.2354 | 0.2354 | | | | | | | | | |

| Warunek badania 155 °C1.050 A | | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 2.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI V'GW CSSRM2.EM | | | | | | | | | | | | | | |
| Warunek badania 155 °C1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 18000010849B031C | D1 | | 0.5203 | 0.5207 | 0.5208 | 0.5209 | 0.5210 | 0.5211 | 0.5212 | 0.5212 | 0.5212 | 0.5213 | 0.5213 | 0.5213 |
| | D2 | | 0.5189 | 0.5186 | 0.5185 | 0.5186 | 0.5186 | 0.5187 | 0.5187 | 0.5187 | 0.5187 | 0.5187 | 0.5187 | 0.5187 |
| | D3 | | 0.5188 | 0.5185 | 0.5184 | 0.5185 | 0.5185 | 0.5186 | 0.5186 | 0.5186 | 0.5186 | 0.5187 | 0.5187 | 0.5186 |
| | D4 | | 0.5198 | 0.5195 | 0.5195 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5197 | 0.5197 | 0.5197 |
| | D5 | | 0.5192 | 0.5189 | 0.5189 | 0.5189 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5191 | 0.5191 |
| | D6 | | 0.5206 | 0.5202 | 0.5202 | 0.5202 | 0.5203 | 0.5204 | 0.5203 | 0.5204 | 0.5204 | 0.5204 | 0.5204 | 0.5204 |
| | D7 | | 0.5194 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | 0.5192 | 0.5193 |
| | D8 | | 0.5192 | 0.5189 | 0.5189 | 0.5189 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 |
| | D9 | | 0.5208 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | 0.5207 | 0.5207 | 0.5208 | 0.5207 | 0.5208 | 0.5208 | 0.5208 |
| | D10 | | 0.5195 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | 0.5194 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 |
| | D11 | | 0.5194 | 0.5190 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 |
| | D12 | | 0.5190 | 0.5187 | 0.5186 | 0.5187 | 0.5187 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5189 | 0.5188 | 0.5189 |
| 5900001077DC031C | D1 | | 0.5195 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5196 | 0.5196 |
| | D2 | | 0.5199 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5197 |
| | D3 | | 0.5199 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5195 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5195 |
| | D4 | | 0.5209 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | 0.5207 | 0.5207 | 0.5208 | 0.5208 | 0.5208 | 0.5208 |
| | D5 | | 0.5191 | 0.5188 | 0.5188 | 0.5189 | 0.5189 | 0.5189 | 0.5189 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5190 |
| | D6 | | 0.5185 | 0.5183 | 0.5183 | 0.5183 | 0.5184 | 0.5184 | 0.5185 | 0.5184 | 0.5185 | 0.5185 | 0.5185 | 0.5186 |
| | D7 | | 0.5203 | 0.5199 | 0.5199 | 0.5198 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5199 |
| | D8 | | 0.5193 | 0.5188 | 0.5189 | 0.5189 | 0.5189 | 0.5189 | 0.5189 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5190 |
| | D9 | | 0.5196 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5194 |
| | D10 | | 0.5192 | 0.5189 | 0.5189 | 0.5189 | 0.5190 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5190 | 0.5191 |
| | D11 | | 0.5191 | 0.5187 | 0.5187 | 0.5187 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5189 | 0.5189 | 0.5189 | 0.5189 |
| | D12 | | 0.5192 | 0.5186 | 0.5187 | 0.5187 | 0.5188 | 0.5188 | 0.5189 | 0.5188 | 0.5189 | 0.5189 | 0.5189 | 0.5189 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.5192 | 0.5192 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5195 | |
| mediana | | | | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | |
| odchylenie standardowe | | | | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | |
| min. | | | | 0.5183 | 0.5183 | 0.5183 | 0.5184 | 0.5184 | 0.5185 | 0.5184 | 0.5185 | 0.5185 | 0.5185 | |
| maks. | | | | 0.5207 | 0.5208 | 0.5209 | 0.5210 | 0.5211 | 0.5212 | 0.5212 | 0.5212 | 0.5213 | 0.5213 | |

| Warunek badania 1 | | | | 55 °c | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 2.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI V' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °c | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 18000010849B031C | D1 | | 0.5203 | 0.5213 | 0.5214 | 0.5214 | 0.5215 | 0.5214 | 0.5215 | 0.5215 | 0.5215 | 0.5216 | 0.5216 | 0.5216 | |
| | D2 | | 0.5189 | 0.5187 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5189 | 0.5188 | 0.5188 | 0.5189 | 0.5189 | 0.5188 | |
| | D3 | | 0.5188 | 0.5186 | 0.5187 | 0.5187 | 0.5188 | 0.5187 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | |
| | D4 | | 0.5198 | 0.5197 | 0.5197 | 0.5197 | 0.5198 | 0.5197 | 0.5198 | 0.5198 | 0.5198 | 0.5198 | 0.5198 | 0.5198 | |
| | D5 | | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | 0.5192 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | |
| | D6 | | 0.5206 | 0.5204 | 0.5205 | 0.5205 | 0.5205 | 0.5205 | 0.5205 | 0.5206 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | |
| | D7 | | 0.5194 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | |
| | D8 | | 0.5192 | 0.5191 | 0.5192 | 0.5191 | 0.5192 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | |
| | D9 | | 0.5208 | 0.5208 | 0.5208 | 0.5208 | 0.5209 | 0.5209 | 0.5209 | 0.5209 | 0.5209 | 0.5210 | 0.5210 | 0.5210 | |
| | D10 | | 0.5195 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5196 | 0.5195 | 0.5195 | |
| | D11 | | 0.5194 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | |
| | D12 | | 0.5190 | 0.5188 | 0.5189 | 0.5188 | 0.5189 | 0.5189 | 0.5189 | 0.5190 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | |
| 5900001077DC031C | D1 | | 0.5195 | 0.5196 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | |
| | D2 | | 0.5199 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5198 | 0.5197 | 0.5198 | 0.5198 | 0.5198 | |
| | D3 | | 0.5199 | 0.5195 | 0.5196 | 0.5196 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5197 | 0.5197 | 0.5197 | |
| | D4 | | 0.5209 | 0.5208 | 0.5209 | 0.5209 | 0.5209 | 0.5209 | 0.5209 | 0.5209 | 0.5209 | 0.5210 | 0.5210 | 0.5210 | |
| | D5 | | 0.5191 | 0.5190 | 0.5191 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5191 | |
| | D6 | | 0.5185 | 0.5186 | 0.5187 | 0.5186 | 0.5187 | 0.5186 | 0.5187 | 0.5187 | 0.5187 | 0.5188 | 0.5187 | 0.5187 | |
| | D7 | | 0.5203 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | |
| | D8 | | 0.5193 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | |
| | D9 | | 0.5196 | 0.5194 | 0.5194 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | |
| | D10 | | 0.5192 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5191 | 0.5191 | |
| | D11 | | 0.5191 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | |
| | D12 | | 0.5192 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | |
| mediana | | | | 0.5192 | 0.5193 | 0.5192 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | |
| odchylenie standardowe | | | | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0007 | 0.0008 | |
| min. | | | | 0.5186 | 0.5187 | 0.5186 | 0.5187 | 0.5186 | 0.5187 | 0.5187 | 0.5187 | 0.5188 | 0.5187 | 0.5187 | |
| maks. | | | | 0.5213 | 0.5214 | 0.5214 | 0.5215 | 0.5214 | 0.5215 | 0.5215 | 0.5215 | 0.5216 | 0.5216 | 0.5216 | |

| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--|--|--|--|--|--|--|--------------|--|
| TABELA 2.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI V' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 1 | | | | 55 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 18000010849B031C | D1 | | 0.5203 | 0.5217 | 0.5217 | 0.5217 | | | | | | | | | |
| | D2 | | 0.5189 | 0.5189 | 0.5189 | 0.5189 | | | | | | | | | |
| | D3 | | 0.5188 | 0.5189 | 0.5188 | 0.5189 | | | | | | | | | |
| | D4 | | 0.5198 | 0.5198 | 0.5199 | 0.5198 | | | | | | | | | |
| | D5 | | 0.5192 | 0.5194 | 0.5194 | 0.5194 | | | | | | | | | |
| | D6 | | 0.5206 | 0.5206 | 0.5206 | 0.5206 | | | | | | | | | |
| | D7 | | 0.5194 | 0.5194 | 0.5194 | 0.5194 | | | | | | | | | |
| | D8 | | 0.5192 | 0.5192 | 0.5192 | 0.5192 | | | | | | | | | |
| | D9 | | 0.5208 | 0.5210 | 0.5210 | 0.5210 | | | | | | | | | |
| | D10 | | 0.5195 | 0.5196 | 0.5196 | 0.5195 | | | | | | | | | |
| | D11 | | 0.5194 | 0.5192 | 0.5192 | 0.5192 | | | | | | | | | |
| | D12 | | 0.5190 | 0.5190 | 0.5190 | 0.5190 | | | | | | | | | |
| 5900001077DC031C | D1 | | 0.5195 | 0.5198 | 0.5198 | 0.5197 | | | | | | | | | |
| | D2 | | 0.5199 | 0.5198 | 0.5199 | 0.5198 | | | | | | | | | |
| | D3 | | 0.5199 | 0.5196 | 0.5197 | 0.5196 | | | | | | | | | |
| | D4 | | 0.5209 | 0.5210 | 0.5210 | 0.5209 | | | | | | | | | |
| | D5 | | 0.5191 | 0.5192 | 0.5192 | 0.5191 | | | | | | | | | |
| | D6 | | 0.5185 | 0.5188 | 0.5188 | 0.5187 | | | | | | | | | |
| | D7 | | 0.5203 | 0.5200 | 0.5201 | 0.5200 | | | | | | | | | |
| | D8 | | 0.5193 | 0.5192 | 0.5192 | 0.5191 | | | | | | | | | |
| | D9 | | 0.5196 | 0.5196 | 0.5196 | 0.5196 | | | | | | | | | |
| | D10 | | 0.5192 | 0.5191 | 0.5192 | 0.5191 | | | | | | | | | |
| | D11 | | 0.5191 | 0.5191 | 0.5192 | 0.5191 | | | | | | | | | |
| | D12 | | 0.5192 | 0.5192 | 0.5192 | 0.5191 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 0.5196 | 0.5197 | 0.5196 | | | | | | | | | |
| mediana | | | | 0.5194 | 0.5194 | 0.5194 | | | | | | | | | |
| odchylenie standardowe | | | | 0.0008 | 0.0008 | 0.0008 | | | | | | | | | |
| min. | | | | 0.5188 | 0.5188 | 0.5187 | | | | | | | | | |
| maks. | | | | 0.5217 | 0.5217 | 0.5217 | | | | | | | | | |

| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 2.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI GW CSSRM2.EM | | | | | | | | | | | | | | |
| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy ($\Delta u'v'$) | | | | | | | | | |
| | | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 |
| 18000010849B031C | D1 | 0.2363 | 0.5203 | | 0.0008 | 0.0008 | 0.0009 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 |
| | D2 | 0.2335 | 0.5189 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 |
| | D3 | 0.2338 | 0.5188 | | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0011 |
| | D4 | 0.2352 | 0.5198 | | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 |
| | D5 | 0.2346 | 0.5192 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 |
| | D6 | 0.2350 | 0.5206 | | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D7 | 0.2331 | 0.5194 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0013 |
| | D8 | 0.2329 | 0.5192 | | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0011 |
| | D9 | 0.2352 | 0.5208 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D10 | 0.2337 | 0.5195 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 |
| | D11 | 0.2338 | 0.5194 | | 0.0010 | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0011 | 0.0012 | 0.0013 | 0.0012 |
| | D12 | 0.2359 | 0.5190 | | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 |
| 5900001077DC031C | D1 | 0.2339 | 0.5195 | | 0.0008 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 |
| | D2 | 0.2344 | 0.5199 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | D3 | 0.2358 | 0.5199 | | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | D4 | 0.2359 | 0.5209 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | D5 | 0.2346 | 0.5191 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 |
| | D6 | 0.2349 | 0.5185 | | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0010 | 0.0011 | 0.0011 | 0.0011 |
| | D7 | 0.2345 | 0.5203 | | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 |
| | D8 | 0.2353 | 0.5193 | | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 |
| | D9 | 0.2351 | 0.5196 | | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0013 |
| | D10 | 0.2334 | 0.5192 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 |
| | D11 | 0.2343 | 0.5191 | | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D12 | 0.2342 | 0.5192 | | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0013 |
| n | | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 |
| mediana | | | | | 0.0010 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 |
| odchylenie standardowe | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| min. | | | | | 0.0008 | 0.0008 | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0010 | 0.0011 | 0.0011 | 0.0011 |
| maks. | | | | | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 |

| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | | | | |
|--|------------------|------------------------|--------|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 2.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI | | | | | | | | | | | | | | | | |
| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | | |
| | | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 18000010849B031C | D1 | 0.2363 | 0.5203 | | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | |
| | D2 | 0.2335 | 0.5189 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | |
| | D3 | 0.2338 | 0.5188 | | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | |
| | D4 | 0.2352 | 0.5198 | | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | |
| | D5 | 0.2346 | 0.5192 | | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | |
| | D6 | 0.2350 | 0.5206 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | |
| | D7 | 0.2331 | 0.5194 | | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | |
| | D8 | 0.2329 | 0.5192 | | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | |
| | D9 | 0.2352 | 0.5208 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | |
| | D10 | 0.2337 | 0.5195 | | 0.0014 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | |
| | D11 | 0.2338 | 0.5194 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | |
| | D12 | 0.2359 | 0.5190 | | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | |
| 5900001077DC031C | D1 | 0.2339 | 0.5195 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | |
| | D2 | 0.2344 | 0.5199 | | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | |
| | D3 | 0.2358 | 0.5199 | | 0.0014 | 0.0014 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | |
| | D4 | 0.2359 | 0.5209 | | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | |
| | D5 | 0.2346 | 0.5191 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | |
| | D6 | 0.2349 | 0.5185 | | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | |
| | D7 | 0.2345 | 0.5203 | | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | |
| | D8 | 0.2353 | 0.5193 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | |
| | D9 | 0.2351 | 0.5196 | | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0014 | 0.0014 | |
| | D10 | 0.2334 | 0.5192 | | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | |
| | D11 | 0.2343 | 0.5191 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | |
| | D12 | 0.2342 | 0.5192 | | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | średnia | | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | | mediana | | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | | odchylenie standardowe | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| | | min. | | | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0013 |
| | maks. | | | | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | |

| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|---|--------|--------|--|--|--|--|--|--|
| TABELA 2.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI GW CSSRM2.EM | | | | | | | | | | | | | |
| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy ($\Delta u'v'$) | | | | | | | | |
| | | | | | 23000 | 24000 | 25000 | | | | | | |
| 18000010849B031C | D1 | 0.2363 | 0.5203 | | 0.0017 | 0.0017 | 0.0017 | | | | | | |
| | D2 | 0.2335 | 0.5189 | | 0.0015 | 0.0014 | 0.0013 | | | | | | |
| | D3 | 0.2338 | 0.5188 | | 0.0013 | 0.0012 | 0.0012 | | | | | | |
| | D4 | 0.2352 | 0.5198 | | 0.0014 | 0.0013 | 0.0013 | | | | | | |
| | D5 | 0.2346 | 0.5192 | | 0.0014 | 0.0014 | 0.0013 | | | | | | |
| | D6 | 0.2350 | 0.5206 | | 0.0014 | 0.0013 | 0.0013 | | | | | | |
| | D7 | 0.2331 | 0.5194 | | 0.0015 | 0.0015 | 0.0014 | | | | | | |
| | D8 | 0.2329 | 0.5192 | | 0.0014 | 0.0014 | 0.0013 | | | | | | |
| | D9 | 0.2352 | 0.5208 | | 0.0014 | 0.0014 | 0.0014 | | | | | | |
| | D10 | 0.2337 | 0.5195 | | 0.0016 | 0.0015 | 0.0015 | | | | | | |
| | D11 | 0.2338 | 0.5194 | | 0.0014 | 0.0013 | 0.0013 | | | | | | |
| | D12 | 0.2359 | 0.5190 | | 0.0015 | 0.0015 | 0.0015 | | | | | | |
| 5900001077DC031C | D1 | 0.2339 | 0.5195 | | 0.0016 | 0.0015 | 0.0014 | | | | | | |
| | D2 | 0.2344 | 0.5199 | | 0.0015 | 0.0015 | 0.0014 | | | | | | |
| | D3 | 0.2358 | 0.5199 | | 0.0015 | 0.0014 | 0.0014 | | | | | | |
| | D4 | 0.2359 | 0.5209 | | 0.0015 | 0.0014 | 0.0014 | | | | | | |
| | D5 | 0.2346 | 0.5191 | | 0.0015 | 0.0015 | 0.0014 | | | | | | |
| | D6 | 0.2349 | 0.5185 | | 0.0013 | 0.0013 | 0.0012 | | | | | | |
| | D7 | 0.2345 | 0.5203 | | 0.0017 | 0.0016 | 0.0016 | | | | | | |
| | D8 | 0.2353 | 0.5193 | | 0.0016 | 0.0015 | 0.0015 | | | | | | |
| | D9 | 0.2351 | 0.5196 | | 0.0015 | 0.0015 | 0.0014 | | | | | | |
| | D10 | 0.2334 | 0.5192 | | 0.0015 | 0.0014 | 0.0014 | | | | | | |
| | D11 | 0.2343 | 0.5191 | | 0.0014 | 0.0013 | 0.0013 | | | | | | |
| | D12 | 0.2342 | 0.5192 | | 0.0015 | 0.0014 | 0.0013 | | | | | | |
| n | | | | | 24 | 24 | 24 | | | | | | |
| średnia | | | | | 0.0015 | 0.0014 | 0.0014 | | | | | | |
| mediana | | | | | 0.0015 | 0.0014 | 0.0014 | | | | | | |
| odchylenie standardowe | | | | | 0.0001 | 0.0001 | 0.0001 | | | | | | |
| min. | | | | | 0.0013 | 0.0012 | 0.0012 | | | | | | |
| maks. | | | | | 0.0017 | 0.0017 | 0.0017 | | | | | | |

| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 2.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA GW CSSRM2.EM | | | | | | | | | | | | | | |
| Warunek badania 1 55 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
| | | Vf (V) | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | | |
| | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 18000010849B031C | D1 | | 3.51 | 95.95 | 95.30 | 95.00 | 94.86 | 94.72 | 94.67 | 94.97 | 94.77 | 94.79 | 94.60 | 95.24 |
| | D2 | | 3.44 | 97.85 | 97.81 | 97.67 | 97.55 | 97.44 | 97.71 | 97.94 | 97.54 | 97.76 | 97.55 | 97.99 |
| | D3 | | 3.52 | 97.33 | 97.13 | 97.04 | 96.88 | 96.97 | 97.01 | 97.12 | 96.87 | 96.97 | 96.82 | 97.02 |
| | D4 | | 3.51 | 97.20 | 96.86 | 96.77 | 96.67 | 96.71 | 96.49 | 96.81 | 96.58 | 96.56 | 96.52 | 96.99 |
| | D5 | | 3.63 | 96.38 | 95.87 | 95.93 | 95.65 | 95.54 | 95.62 | 95.64 | 95.56 | 95.34 | 95.39 | 95.77 |
| | D6 | | 3.55 | 97.79 | 97.38 | 97.51 | 97.22 | 97.25 | 97.33 | 97.32 | 97.49 | 97.07 | 97.48 | 97.24 |
| | D7 | | 3.53 | 96.77 | 96.56 | 96.45 | 96.43 | 96.72 | 96.41 | 96.53 | 96.63 | 96.40 | 96.81 | 96.55 |
| | D8 | | 3.51 | 97.74 | 97.52 | 97.42 | 97.45 | 97.65 | 97.48 | 97.46 | 97.40 | 97.33 | 97.39 | 97.46 |
| | D9 | | 3.63 | 96.84 | 96.41 | 96.36 | 96.29 | 96.07 | 96.12 | 96.18 | 96.10 | 95.92 | 95.90 | 96.05 |
| | D10 | | 3.66 | 96.45 | 96.06 | 95.93 | 95.91 | 95.70 | 95.64 | 95.76 | 95.76 | 95.53 | 95.52 | 95.72 |
| | D11 | | 3.56 | 97.78 | 97.61 | 97.46 | 97.49 | 97.56 | 97.43 | 97.63 | 97.37 | 97.44 | 97.28 | 97.60 |
| | D12 | | 3.61 | 96.21 | 95.83 | 95.72 | 95.56 | 95.75 | 95.45 | 95.74 | 95.34 | 95.76 | 95.26 | 95.46 |
| 5900001077DC031C | D1 | | 3.42 | 97.22 | 96.59 | 96.35 | 96.41 | 96.18 | 96.10 | 96.22 | 96.05 | 96.25 | 96.39 | 95.95 |
| | D2 | | 3.41 | 98.70 | 98.42 | 98.29 | 98.50 | 98.36 | 98.21 | 98.49 | 98.25 | 98.30 | 98.30 | 98.13 |
| | D3 | | 3.55 | 96.53 | 96.25 | 96.07 | 96.11 | 95.93 | 95.82 | 95.96 | 96.04 | 95.83 | 95.72 | 95.71 |
| | D4 | | 3.56 | 96.54 | 96.17 | 96.05 | 96.10 | 95.91 | 95.80 | 95.81 | 96.02 | 95.81 | 95.68 | 95.59 |
| | D5 | | 3.55 | 97.74 | 97.47 | 97.48 | 97.38 | 97.43 | 97.30 | 97.38 | 97.38 | 97.09 | 97.14 | 97.13 |
| | D6 | | 3.64 | 96.05 | 95.63 | 95.58 | 95.42 | 95.42 | 95.43 | 95.43 | 95.22 | 95.11 | 95.21 | 95.01 |
| | D7 | | 3.51 | 97.07 | 96.90 | 96.99 | 96.88 | 97.01 | 97.01 | 97.02 | 97.48 | 96.81 | 96.86 | 96.71 |
| | D8 | | 3.59 | 96.27 | 95.92 | 95.90 | 95.78 | 95.80 | 95.70 | 95.78 | 96.34 | 95.68 | 95.64 | 95.56 |
| | D9 | | 3.61 | 97.13 | 96.76 | 96.73 | 96.74 | 96.76 | 96.73 | 96.90 | 96.81 | 96.83 | 97.26 | 96.57 |
| | D10 | | 3.56 | 97.50 | 97.37 | 97.37 | 97.40 | 97.46 | 97.56 | 97.71 | 97.53 | 97.51 | 98.04 | 97.35 |
| | D11 | | 3.58 | 97.47 | 97.26 | 97.15 | 97.17 | 97.05 | 97.14 | 97.16 | 97.07 | 97.02 | 97.10 | 96.83 |
| | D12 | | 3.50 | 98.31 | 98.12 | 98.04 | 98.06 | 98.02 | 97.98 | 97.95 | 98.05 | 97.90 | 97.93 | 97.72 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 97.1 | 96.8 | 96.7 | 96.7 | 96.6 | 96.6 | 96.7 | 96.7 | 96.5 | 96.6 | |
| mediana | | | | 97.2 | 96.8 | 96.7 | 96.7 | 96.7 | 96.6 | 96.9 | 96.7 | 96.7 | 96.8 | |
| odchylenie standardowe | | | | 0.7 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | |
| min. | | | | 95.9 | 95.3 | 95.0 | 94.9 | 94.7 | 94.7 | 95.0 | 94.8 | 94.8 | 94.6 | |
| maks. | | | | 98.7 | 98.4 | 98.3 | 98.5 | 98.4 | 98.2 | 98.5 | 98.3 | 98.3 | 98.3 | |

Warunek badania 1 55 °C 1.050 A

TABELA 2.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA

GW CSSRM2.EM

Warunek badania 1 55 °C 1.050 A

| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
|--|------------------|---------------------|------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Vf (V) | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| | | | | | | | | | | | | | | |
| 18000010849B031C | D1 | | 3.51 | 94.92 | 94.93 | 95.01 | 94.95 | 94.82 | 95.12 | 94.59 | 94.66 | 94.58 | 94.22 | 94.55 |
| | D2 | | 3.44 | 97.71 | 97.70 | 98.07 | 98.16 | 97.83 | 97.70 | 97.61 | 98.07 | 97.70 | 97.49 | 97.80 |
| | D3 | | 3.52 | 96.85 | 96.80 | 96.74 | 97.17 | 96.71 | 96.78 | 96.65 | 97.13 | 97.04 | 96.81 | 97.12 |
| | D4 | | 3.51 | 96.41 | 96.41 | 96.38 | 97.55 | 96.36 | 96.48 | 96.34 | 96.43 | 96.57 | 96.38 | 96.59 |
| | D5 | | 3.63 | 95.38 | 95.35 | 95.17 | 96.81 | 95.53 | 95.34 | 95.30 | 95.32 | 95.66 | 95.68 | 95.82 |
| | D6 | | 3.55 | 98.10 | 97.23 | 97.12 | 98.09 | 97.87 | 97.32 | 97.21 | 97.77 | 97.60 | 98.16 | 97.68 |
| | D7 | | 3.53 | 97.28 | 96.35 | 96.46 | 97.92 | 96.80 | 96.82 | 96.48 | 97.01 | 96.54 | 96.85 | 96.27 |
| | D8 | | 3.51 | 97.33 | 97.22 | 97.28 | 98.45 | 97.27 | 97.64 | 97.33 | 97.43 | 97.43 | 97.13 | 97.11 |
| | D9 | | 3.63 | 95.93 | 95.96 | 95.88 | 95.90 | 95.90 | 96.28 | 96.04 | 95.88 | 95.89 | 95.83 | 95.75 |
| | D10 | | 3.66 | 95.57 | 95.76 | 95.51 | 95.55 | 95.62 | 96.20 | 95.70 | 95.52 | 95.50 | 95.50 | 95.40 |
| | D11 | | 3.56 | 97.72 | 97.57 | 97.38 | 98.16 | 97.45 | 97.54 | 97.24 | 97.40 | 97.39 | 97.25 | 97.53 |
| | D12 | | 3.61 | 95.80 | 95.45 | 95.30 | 95.99 | 95.32 | 95.14 | 95.25 | 95.42 | 95.39 | 95.02 | 95.46 |
| 5900001077DC031C | D1 | | 3.42 | 96.22 | 96.39 | 95.81 | 96.65 | 96.20 | 96.13 | 96.43 | 96.30 | 96.24 | 95.99 | 96.28 |
| | D2 | | 3.41 | 98.32 | 98.41 | 97.92 | 99.40 | 98.30 | 98.33 | 98.70 | 98.85 | 98.63 | 98.23 | 98.51 |
| | D3 | | 3.55 | 95.81 | 96.05 | 95.46 | 96.66 | 95.61 | 95.81 | 96.37 | 95.98 | 95.79 | 95.55 | 95.82 |
| | D4 | | 3.56 | 95.86 | 96.00 | 95.43 | 96.89 | 95.52 | 95.79 | 96.09 | 95.62 | 95.67 | 95.49 | 95.45 |
| | D5 | | 3.55 | 97.37 | 97.33 | 96.97 | 98.41 | 97.16 | 97.24 | 97.39 | 97.23 | 97.35 | 97.14 | 97.10 |
| | D6 | | 3.64 | 95.47 | 95.20 | 94.90 | 96.37 | 95.20 | 95.12 | 95.44 | 95.41 | 95.13 | 95.09 | 95.34 |
| | D7 | | 3.51 | 97.07 | 96.80 | 96.56 | 98.56 | 97.02 | 96.84 | 97.05 | 96.95 | 97.11 | 96.69 | 97.31 |
| | D8 | | 3.59 | 95.60 | 95.80 | 95.40 | 96.45 | 95.81 | 95.71 | 95.74 | 95.53 | 96.04 | 95.46 | 95.78 |
| | D9 | | 3.61 | 96.74 | 96.98 | 96.46 | 96.63 | 96.75 | 97.01 | 96.86 | 97.05 | 97.04 | 96.80 | 96.64 |
| | D10 | | 3.56 | 97.53 | 97.45 | 97.15 | 97.34 | 97.37 | 97.65 | 97.51 | 97.79 | 97.72 | 97.46 | 97.43 |
| | D11 | | 3.58 | 97.02 | 96.93 | 96.72 | 96.97 | 96.89 | 96.94 | 96.99 | 97.08 | 97.12 | 96.82 | 97.00 |
| | D12 | | 3.50 | 97.93 | 97.94 | 97.70 | 98.09 | 97.88 | 97.89 | 97.85 | 97.98 | 98.21 | 97.82 | 97.81 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n średnia mediana odchylenie standardowe min. maks. | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | 96.7 | 96.6 | 96.4 | 97.2 | 96.6 | 96.6 | 96.6 | 96.7 | 96.6 | 96.5 | 96.6 | |
| | | | 96.8 | 96.6 | 96.5 | 97.1 | 96.7 | 96.8 | 96.6 | 97.0 | 96.8 | 96.7 | 96.6 | |
| | | | 1.0 | 0.9 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 1.1 | 1.0 | |
| | | | 94.9 | 94.9 | 94.9 | 94.9 | 94.8 | 95.1 | 94.6 | 94.7 | 94.6 | 94.2 | 94.6 | |
| | | | 98.3 | 98.4 | 98.1 | 99.4 | 98.3 | 98.3 | 98.7 | 98.9 | 98.6 | 98.2 | 98.5 | |

| Warunek badania 155 °C1.050 A | | | | | | | | | | | | | |
|--|------------------|---------------------|------|---|--------|-------|--|--|--|--|--|--|--|
| TABELA 2.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA | | | | | | | | | | | | | |
| Warunek badania 155 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | |
| | | Vf (V) | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 18000010849B031C | D1 | | 3.51 | 94.89 | 96.18 | 96.20 | | | | | | | |
| | D2 | | 3.44 | 97.47 | 97.56 | 99.45 | | | | | | | |
| | D3 | | 3.52 | 96.73 | 96.93 | 97.77 | | | | | | | |
| | D4 | | 3.51 | 96.34 | 96.49 | 97.00 | | | | | | | |
| | D5 | | 3.63 | 95.47 | 95.18 | 97.15 | | | | | | | |
| | D6 | | 3.55 | 97.43 | 97.33 | 99.35 | | | | | | | |
| | D7 | | 3.53 | 96.30 | 96.48 | 96.62 | | | | | | | |
| | D8 | | 3.51 | 97.09 | 97.12 | 97.17 | | | | | | | |
| | D9 | | 3.63 | 95.67 | 96.14 | 95.81 | | | | | | | |
| | D10 | | 3.66 | 95.85 | 95.82 | 95.60 | | | | | | | |
| | D11 | | 3.56 | 98.41 | 97.24 | 97.46 | | | | | | | |
| | D12 | | 3.61 | 96.16 | 95.13 | 95.19 | | | | | | | |
| 5900001077DC031C | D1 | | 3.42 | 96.12 | 96.78 | 96.24 | | | | | | | |
| | D2 | | 3.41 | 98.61 | 100.21 | 99.03 | | | | | | | |
| | D3 | | 3.55 | 95.97 | 96.92 | 96.21 | | | | | | | |
| | D4 | | 3.56 | 95.53 | 95.68 | 95.66 | | | | | | | |
| | D5 | | 3.55 | 97.10 | 97.30 | 97.43 | | | | | | | |
| | D6 | | 3.64 | 95.05 | 95.50 | 95.35 | | | | | | | |
| | D7 | | 3.51 | 96.78 | 97.27 | 96.91 | | | | | | | |
| | D8 | | 3.59 | 95.61 | 95.97 | 95.65 | | | | | | | |
| | D9 | | 3.61 | 96.89 | 97.13 | 97.88 | | | | | | | |
| | D10 | | 3.56 | 97.56 | 97.54 | 98.51 | | | | | | | |
| | D11 | | 3.58 | 96.88 | 96.92 | 96.96 | | | | | | | |
| | D12 | | 3.50 | 97.78 | 97.82 | 98.07 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 96.6 | 96.8 | 97.0 | | | | | | | |
| mediana | | | | 96.5 | 96.9 | 97.0 | | | | | | | |
| odchylenie standardowe | | | | 1.0 | 1.1 | 1.2 | | | | | | | |
| min. | | | | 94.9 | 95.1 | 95.2 | | | | | | | |
| maks. | | | | 98.6 | 100.2 | 99.4 | | | | | | | |

| Warunek badania 2 85 °C 1.050 A | | | | | | | | | | | | | | |
|---|------------------|------------------------------|-----------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 3.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | | |
| Warunek badania 2 85 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | Strumień światlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 5800001073C7031C | D1 | 394.55 | 3.36 | 99.9 | 99.9 | 99.9 | 100.0 | 99.8 | 99.9 | 100.0 | 99.7 | 99.6 | 99.5 | 99.5 |
| | D2 | 389.49 | 3.49 | 100.8 | 100.8 | 100.9 | 100.8 | 100.8 | 100.9 | 100.9 | 100.7 | 100.5 | 100.4 | 100.5 |
| | D3 | 383.20 | 3.46 | 101.0 | 101.0 | 101.0 | 101.0 | 100.9 | 101.0 | 101.1 | 100.9 | 100.7 | 100.7 | 100.7 |
| | D4 | 384.37 | 3.48 | 100.6 | 100.6 | 100.6 | 100.6 | 100.5 | 100.6 | 100.7 | 100.5 | 100.3 | 100.3 | 100.3 |
| | D5 | 392.21 | 3.68 | 100.3 | 100.3 | 100.3 | 100.3 | 100.2 | 100.3 | 100.3 | 100.2 | 100.0 | 100.0 | 100.0 |
| | D6 | 393.42 | 3.56 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.4 | 100.2 | 100.0 | 100.0 | 100.0 |
| | D7 | 398.50 | 3.49 | 99.6 | 99.6 | 99.6 | 99.6 | 99.5 | 99.6 | 99.7 | 99.4 | 99.3 | 99.2 | 99.2 |
| | D8 | 392.06 | 3.58 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.3 | 100.4 | 100.2 | 100.1 | 100.0 | 100.0 |
| | D9 | 393.95 | 3.60 | 100.4 | 100.3 | 100.4 | 100.3 | 100.3 | 100.4 | 100.4 | 100.2 | 100.1 | 100.0 | 100.0 |
| | D10 | 391.62 | 3.62 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.1 | 101.2 | 101.0 | 100.9 | 100.8 | 100.8 |
| | D11 | 389.71 | 3.61 | 100.0 | 99.9 | 99.9 | 99.9 | 99.8 | 99.8 | 99.9 | 99.7 | 99.5 | 99.4 | 99.3 |
| | D12 | 394.28 | 3.52 | 100.2 | 100.2 | 100.2 | 100.2 | 100.1 | 100.2 | 100.3 | 100.0 | 99.9 | 99.8 | 99.8 |
| 960000108055031C | D1 | 391.45 | 3.52 | 100.5 | 100.5 | 100.5 | 100.5 | 100.4 | 100.5 | 100.6 | 100.4 | 100.1 | 100.0 | 100.0 |
| | D2 | 392.67 | 3.45 | 99.7 | 99.7 | 99.6 | 99.7 | 99.5 | 99.6 | 99.7 | 99.5 | 99.3 | 99.2 | 99.3 |
| | D3 | 386.03 | 3.43 | 98.5 | 98.4 | 98.3 | 98.3 | 98.2 | 98.2 | 98.2 | 98.0 | 97.7 | 97.6 | 97.6 |
| | D4 | 391.67 | 3.50 | 101.1 | 101.1 | 101.0 | 101.0 | 100.9 | 101.0 | 101.1 | 100.9 | 100.7 | 100.6 | 100.7 |
| | D5 | 391.37 | 3.53 | 99.6 | 99.5 | 99.5 | 99.5 | 99.3 | 99.4 | 99.4 | 99.2 | 99.0 | 98.8 | 98.9 |
| | D6 | 397.66 | 3.64 | 99.6 | 99.6 | 99.6 | 99.6 | 99.5 | 99.5 | 99.6 | 99.4 | 99.3 | 99.2 | 99.2 |
| | D7 | 388.74 | 3.51 | 100.9 | 100.9 | 100.9 | 100.8 | 100.8 | 100.8 | 100.9 | 100.7 | 100.5 | 100.4 | 100.4 |
| | D8 | 389.76 | 3.53 | 101.5 | 101.5 | 101.5 | 101.5 | 101.4 | 101.5 | 101.6 | 101.3 | 101.2 | 101.1 | 101.2 |
| | D9 | 393.46 | 3.59 | 100.8 | 100.7 | 100.7 | 100.7 | 100.6 | 100.7 | 100.8 | 100.6 | 100.4 | 100.4 | 100.4 |
| | D10 | 395.24 | 3.60 | 100.6 | 100.6 | 100.6 | 100.6 | 100.5 | 100.6 | 100.7 | 100.5 | 100.3 | 100.2 | 100.2 |
| | D11 | 394.47 | 3.58 | 100.5 | 100.5 | 100.5 | 100.5 | 100.4 | 100.5 | 100.6 | 100.4 | 100.2 | 100.1 | 100.1 |
| | D12 | 387.29 | 3.52 | 100.2 | 100.1 | 100.2 | 100.1 | 99.9 | 99.9 | 100.1 | 99.8 | 99.6 | 99.5 | 99.5 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 100.3 | 100.3 | 100.3 | 100.3 | 100.2 | 100.3 | 100.4 | 100.1 | 100.0 | 99.9 | 99.9 |
| mediana | | | | 100.4 | 100.3 | 100.4 | 100.3 | 100.3 | 100.3 | 100.4 | 100.2 | 100.1 | 100.0 | 100.0 |
| odchylenie standardowe | | | | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 |
| min. | | | | 98.5 | 98.4 | 98.3 | 98.3 | 98.2 | 98.2 | 98.2 | 98.0 | 97.7 | 97.6 | 97.6 |
| maks. | | | | 101.5 | 101.5 | 101.5 | 101.5 | 101.4 | 101.5 | 101.6 | 101.3 | 101.2 | 101.1 | 101.2 |

| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | |
|--|------------------|------------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 3.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | |
| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | Strumień świetlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 5800001073C7031C | D1 | 394.55 | 3.36 | 99.3 | 99.3 | 99.2 | | | | | | | |
| | D2 | 389.49 | 3.49 | 100.3 | 100.2 | 100.2 | | | | | | | |
| | D3 | 383.20 | 3.46 | 100.5 | 100.5 | 100.4 | | | | | | | |
| | D4 | 384.37 | 3.48 | 100.2 | 100.1 | 100.0 | | | | | | | |
| | D5 | 392.21 | 3.68 | 99.9 | 99.7 | 99.7 | | | | | | | |
| | D6 | 393.42 | 3.56 | 99.8 | 99.7 | 99.7 | | | | | | | |
| | D7 | 398.50 | 3.49 | 99.1 | 99.0 | 99.0 | | | | | | | |
| | D8 | 392.06 | 3.58 | 99.9 | 99.8 | 99.8 | | | | | | | |
| | D9 | 393.95 | 3.60 | 99.9 | 99.8 | 99.8 | | | | | | | |
| | D10 | 391.62 | 3.62 | 100.7 | 100.6 | 100.7 | | | | | | | |
| | D11 | 389.71 | 3.61 | 99.2 | 99.1 | 99.1 | | | | | | | |
| | D12 | 394.28 | 3.52 | 99.7 | 99.6 | 99.6 | | | | | | | |
| 960000108055031C | D1 | 391.45 | 3.52 | 99.9 | 99.8 | 99.7 | | | | | | | |
| | D2 | 392.67 | 3.45 | 99.1 | 99.0 | 98.9 | | | | | | | |
| | D3 | 386.03 | 3.43 | 97.4 | 97.3 | 97.2 | | | | | | | |
| | D4 | 391.67 | 3.50 | 100.6 | 100.4 | 100.4 | | | | | | | |
| | D5 | 391.37 | 3.53 | 98.7 | 98.5 | 98.5 | | | | | | | |
| | D6 | 397.66 | 3.64 | 99.0 | 98.9 | 98.9 | | | | | | | |
| | D7 | 388.74 | 3.51 | 100.3 | 100.1 | 100.1 | | | | | | | |
| | D8 | 389.76 | 3.53 | 101.0 | 100.9 | 100.9 | | | | | | | |
| | D9 | 393.46 | 3.59 | 100.2 | 100.1 | 100.1 | | | | | | | |
| | D10 | 395.24 | 3.60 | 100.1 | 100.0 | 99.9 | | | | | | | |
| | D11 | 394.47 | 3.58 | 100.0 | 99.9 | 99.9 | | | | | | | |
| | D12 | 387.29 | 3.52 | 99.4 | 99.3 | 99.2 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 99.8 | 99.6 | 99.6 | | | | | | | |
| mediana | | | | 99.9 | 99.8 | 99.8 | | | | | | | |
| odchylenie standardowe | | | | 0.8 | 0.8 | 0.8 | | | | | | | |
| min. | | | | 97.4 | 97.3 | 97.2 | | | | | | | |
| maks. | | | | 101.0 | 100.9 | 100.9 | | | | | | | |

| Warunek badania 2 85 °C 1.050 A | | | | | | | | | | | | | | |
|---|------------------|---------------------------|------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 3.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO GW CSSRM2.EM | | | | | | | | | | | | | | |
| Warunek badania 2 85 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | Strumień energetyczny (W) | | Utrzymanie strumienia energetycznego (%) | | | | | | | | | | |
| | | VF (V) | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 5800001073C7031C | D1 | 1.1963 | 3.36 | 99.8 | 99.6 | 99.5 | 99.6 | 99.4 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.4 |
| | D2 | 1.1799 | 3.49 | 100.4 | 100.3 | 100.3 | 100.4 | 100.2 | 100.2 | 100.3 | 100.2 | 100.3 | 100.5 | 100.4 |
| | D3 | 1.1631 | 3.46 | 100.4 | 100.4 | 100.4 | 100.5 | 100.4 | 100.3 | 100.4 | 100.4 | 100.6 | 100.7 | 100.6 |
| | D4 | 1.1701 | 3.48 | 100.0 | 100.0 | 100.0 | 100.1 | 100.0 | 99.8 | 99.9 | 99.9 | 100.0 | 100.2 | 100.1 |
| | D5 | 1.1819 | 3.68 | 100.0 | 99.7 | 99.8 | 99.8 | 99.7 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.7 |
| | D6 | 1.1876 | 3.56 | 99.9 | 99.8 | 99.8 | 99.9 | 99.8 | 99.7 | 99.8 | 99.7 | 99.8 | 100.0 | 99.9 |
| | D7 | 1.2035 | 3.49 | 99.7 | 99.5 | 99.4 | 99.4 | 99.3 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.3 |
| | D8 | 1.1882 | 3.58 | 99.9 | 99.8 | 99.7 | 99.8 | 99.7 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |
| | D9 | 1.1881 | 3.60 | 99.7 | 99.7 | 99.7 | 99.9 | 99.8 | 99.7 | 99.8 | 99.7 | 99.9 | 100.0 | 99.9 |
| | D10 | 1.1869 | 3.62 | 100.4 | 100.4 | 100.5 | 100.6 | 100.5 | 100.4 | 100.5 | 100.5 | 100.6 | 100.8 | 100.7 |
| | D11 | 1.1777 | 3.61 | 99.8 | 99.7 | 99.6 | 99.7 | 99.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.4 |
| | D12 | 1.1926 | 3.52 | 99.8 | 99.7 | 99.7 | 99.8 | 99.7 | 99.6 | 99.7 | 99.6 | 99.7 | 99.9 | 99.8 |
| 960000108055031C | D1 | 1.1827 | 3.52 | 100.2 | 100.0 | 100.0 | 100.0 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 99.9 |
| | D2 | 1.1903 | 3.45 | 99.4 | 99.2 | 99.3 | 99.3 | 99.2 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.3 |
| | D3 | 1.1721 | 3.43 | 99.1 | 98.8 | 98.7 | 98.7 | 98.4 | 98.3 | 98.3 | 98.2 | 98.2 | 98.3 | 98.2 |
| | D4 | 1.1858 | 3.50 | 100.5 | 100.3 | 100.4 | 100.5 | 100.3 | 100.3 | 100.4 | 100.4 | 100.5 | 100.7 | 100.6 |
| | D5 | 1.1780 | 3.53 | 99.5 | 99.3 | 99.4 | 99.4 | 99.1 | 99.1 | 99.1 | 99.0 | 99.0 | 99.2 | 99.0 |
| | D6 | 1.2000 | 3.64 | 99.6 | 99.3 | 99.3 | 99.3 | 99.1 | 99.0 | 99.1 | 99.1 | 99.1 | 99.3 | 99.2 |
| | D7 | 1.1756 | 3.51 | 100.1 | 100.0 | 100.1 | 100.2 | 100.0 | 100.0 | 100.1 | 100.0 | 100.2 | 100.3 | 100.2 |
| | D8 | 1.1779 | 3.53 | 100.7 | 100.6 | 100.7 | 100.8 | 100.7 | 100.7 | 100.7 | 100.8 | 100.9 | 101.1 | 100.9 |
| | D9 | 1.1847 | 3.59 | 100.2 | 100.0 | 100.1 | 100.2 | 100.0 | 100.0 | 100.1 | 100.0 | 100.1 | 100.3 | 100.2 |
| | D10 | 1.1941 | 3.60 | 100.1 | 100.0 | 100.0 | 100.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.1 | 100.0 |
| | D11 | 1.1953 | 3.58 | 100.2 | 100.0 | 100.0 | 100.1 | 99.9 | 99.9 | 99.9 | 100.0 | 100.1 | 100.2 | 100.1 |
| | D12 | 1.1714 | 3.52 | 99.8 | 99.6 | 99.7 | 99.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.4 |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 100.0 | 99.8 | 99.8 | 99.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| mediana | | | | 100.0 | 99.8 | 99.8 | 99.9 | 99.8 | 99.7 | 99.8 | 99.7 | 99.9 | 100.0 | 99.9 |
| odchylenie standardowe | | | | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 |
| min. | | | | 99.1 | 98.8 | 98.7 | 98.7 | 98.4 | 98.3 | 98.3 | 98.2 | 98.2 | 98.3 | 98.2 |
| maks. | | | | 100.7 | 100.6 | 100.7 | 100.8 | 100.7 | 100.7 | 100.7 | 100.8 | 100.9 | 101.1 | 100.9 |

| Warunek badania 2 | | | | 85 °c | | 1.050 A | | | | | | | | | |
|--|------------------|---------------------------|--------|--|-------|---------|--|--|--|--|--|--|--|--------------|--|
| TABELA 3.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 2 | | | | 85 °c | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A | | | | | | | | | | | |
| | | Strumień energetyczny (W) | VF (V) | Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c | | | | | | | | | | | |
| | | | | Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | | | Utrzymanie strumienia energetycznego (%) | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 5800001073C7031C | D1 | 1.1963 | 3.36 | 98.8 | 98.7 | 98.6 | | | | | | | | | |
| | D2 | 1.1799 | 3.49 | 99.8 | 99.7 | 99.7 | | | | | | | | | |
| | D3 | 1.1631 | 3.46 | 100.1 | 100.0 | 99.9 | | | | | | | | | |
| | D4 | 1.1701 | 3.48 | 99.7 | 99.6 | 99.5 | | | | | | | | | |
| | D5 | 1.1819 | 3.68 | 99.2 | 99.1 | 99.0 | | | | | | | | | |
| | D6 | 1.1876 | 3.56 | 99.3 | 99.2 | 99.1 | | | | | | | | | |
| | D7 | 1.2035 | 3.49 | 98.7 | 98.6 | 98.6 | | | | | | | | | |
| | D8 | 1.1882 | 3.58 | 99.5 | 99.3 | 99.3 | | | | | | | | | |
| | D9 | 1.1881 | 3.60 | 99.4 | 99.3 | 99.2 | | | | | | | | | |
| | D10 | 1.1869 | 3.62 | 100.2 | 100.1 | 100.1 | | | | | | | | | |
| | D11 | 1.1777 | 3.61 | 98.5 | 98.4 | 98.4 | | | | | | | | | |
| | D12 | 1.1926 | 3.52 | 99.2 | 99.1 | 99.0 | | | | | | | | | |
| 960000108055031C | D1 | 1.1827 | 3.52 | 99.3 | 99.2 | 99.1 | | | | | | | | | |
| | D2 | 1.1903 | 3.45 | 98.7 | 98.6 | 98.5 | | | | | | | | | |
| | D3 | 1.1721 | 3.43 | 97.1 | 96.9 | 96.9 | | | | | | | | | |
| | D4 | 1.1858 | 3.50 | 100.1 | 99.9 | 99.9 | | | | | | | | | |
| | D5 | 1.1780 | 3.53 | 98.1 | 97.9 | 97.9 | | | | | | | | | |
| | D6 | 1.2000 | 3.64 | 98.6 | 98.4 | 98.4 | | | | | | | | | |
| | D7 | 1.1756 | 3.51 | 99.5 | 99.4 | 99.4 | | | | | | | | | |
| | D8 | 1.1779 | 3.53 | 100.5 | 100.3 | 100.3 | | | | | | | | | |
| | D9 | 1.1847 | 3.59 | 99.6 | 99.5 | 99.5 | | | | | | | | | |
| | D10 | 1.1941 | 3.60 | 99.4 | 99.3 | 99.3 | | | | | | | | | |
| | D11 | 1.1953 | 3.58 | 99.5 | 99.3 | 99.4 | | | | | | | | | |
| | D12 | 1.1714 | 3.52 | 98.5 | 98.4 | 98.4 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 99.2 | 99.1 | 99.1 | | | | | | | | | |
| mediana | | | | 99.4 | 99.2 | 99.2 | | | | | | | | | |
| odchylenie standardowe | | | | 0.8 | 0.8 | 0.8 | | | | | | | | | |
| min. | | | | 97.1 | 96.9 | 96.9 | | | | | | | | | |
| maks. | | | | 100.5 | 100.3 | 100.3 | | | | | | | | | |

| Warunek badania 285 °c1.050 A | | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 3.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | | |
| Warunek badania 285 °c1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 5800001073C7031C | D1 | 5.5239 | 3.36 | 99.7 | 99.5 | 99.4 | 99.5 | 99.4 | 99.3 | 99.4 | 99.3 | 99.4 | 99.5 | 99.4 |
| | D2 | 5.4533 | 3.49 | 100.4 | 100.2 | 100.3 | 100.3 | 100.2 | 100.1 | 100.2 | 100.2 | 100.3 | 100.5 | 100.4 |
| | D3 | 5.3829 | 3.46 | 100.3 | 100.3 | 100.3 | 100.4 | 100.3 | 100.2 | 100.3 | 100.3 | 100.5 | 100.6 | 100.5 |
| | D4 | 5.4109 | 3.48 | 100.0 | 99.9 | 99.9 | 100.0 | 99.9 | 99.8 | 99.8 | 99.9 | 100.0 | 100.1 | 100.0 |
| | D5 | 5.4620 | 3.68 | 99.9 | 99.7 | 99.7 | 99.7 | 99.6 | 99.5 | 99.6 | 99.5 | 99.6 | 99.8 | 99.7 |
| | D6 | 5.4944 | 3.56 | 99.8 | 99.7 | 99.8 | 99.8 | 99.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.8 |
| | D7 | 5.5539 | 3.49 | 99.6 | 99.4 | 99.4 | 99.4 | 99.2 | 99.1 | 99.2 | 99.1 | 99.2 | 99.4 | 99.3 |
| | D8 | 5.4887 | 3.58 | 99.9 | 99.7 | 99.7 | 99.8 | 99.6 | 99.5 | 99.7 | 99.6 | 99.8 | 99.9 | 99.9 |
| | D9 | 5.4865 | 3.60 | 99.7 | 99.6 | 99.7 | 99.8 | 99.7 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 | 99.9 |
| | D10 | 5.4812 | 3.62 | 100.4 | 100.3 | 100.4 | 100.5 | 100.4 | 100.3 | 100.4 | 100.4 | 100.5 | 100.7 | 100.6 |
| | D11 | 5.4354 | 3.61 | 99.8 | 99.7 | 99.7 | 99.7 | 99.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.5 |
| | D12 | 5.5041 | 3.52 | 99.8 | 99.7 | 99.7 | 99.7 | 99.6 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.7 |
| 960000108055031C | D1 | 5.4561 | 3.52 | 100.2 | 100.0 | 99.9 | 100.0 | 99.8 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 99.9 |
| | D2 | 5.4952 | 3.45 | 99.4 | 99.2 | 99.3 | 99.3 | 99.1 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 |
| | D3 | 5.4204 | 3.43 | 99.1 | 98.8 | 98.7 | 98.7 | 98.4 | 98.3 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| | D4 | 5.4778 | 3.50 | 100.4 | 100.3 | 100.4 | 100.4 | 100.3 | 100.3 | 100.3 | 100.4 | 100.5 | 100.6 | 100.6 |
| | D5 | 5.4421 | 3.53 | 99.5 | 99.3 | 99.4 | 99.4 | 99.1 | 99.1 | 99.1 | 99.0 | 99.1 | 99.2 | 99.0 |
| | D6 | 5.5347 | 3.64 | 99.5 | 99.3 | 99.2 | 99.2 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.3 | 99.2 |
| | D7 | 5.4267 | 3.51 | 100.1 | 100.0 | 100.1 | 100.2 | 100.1 | 100.0 | 100.1 | 100.1 | 100.2 | 100.3 | 100.3 |
| | D8 | 5.4409 | 3.53 | 100.7 | 100.6 | 100.7 | 100.8 | 100.6 | 100.6 | 100.7 | 100.7 | 100.9 | 101.0 | 100.9 |
| | D9 | 5.4740 | 3.59 | 100.1 | 100.0 | 100.1 | 100.2 | 100.0 | 100.0 | 100.1 | 100.0 | 100.1 | 100.3 | 100.2 |
| | D10 | 5.5093 | 3.60 | 100.1 | 100.0 | 100.0 | 100.0 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.1 | 100.0 |
| | D11 | 5.5185 | 3.58 | 100.1 | 100.0 | 100.0 | 100.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.2 | 100.1 |
| | D12 | 5.4147 | 3.52 | 99.9 | 99.7 | 99.7 | 99.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.6 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 99.9 | 99.8 | 99.8 | 99.9 | 99.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | |
| mediana | | | | 99.9 | 99.7 | 99.8 | 99.8 | 99.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | |
| odchylenie standardowe | | | | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | |
| min. | | | | 99.1 | 98.8 | 98.7 | 98.7 | 98.4 | 98.3 | 98.2 | 98.2 | 98.2 | 98.2 | |
| maks. | | | | 100.7 | 100.6 | 100.7 | 100.8 | 100.6 | 100.6 | 100.7 | 100.7 | 100.9 | 101.0 | |

| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 3.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | | |
| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 5800001073C7031C | D1 | 5.5239 | 3.36 | 99.4 | 99.4 | 99.4 | 99.4 | 99.3 | 99.4 | 99.4 | 99.2 | 99.0 | 98.9 | 98.9 |
| | D2 | 5.4533 | 3.49 | 100.4 | 100.4 | 100.4 | 100.3 | 100.3 | 100.3 | 100.4 | 100.2 | 100.0 | 99.9 | 100.0 |
| | D3 | 5.3829 | 3.46 | 100.5 | 100.5 | 100.5 | 100.5 | 100.4 | 100.5 | 100.6 | 100.4 | 100.2 | 100.2 | 100.2 |
| | D4 | 5.4109 | 3.48 | 100.1 | 100.0 | 100.0 | 100.1 | 100.0 | 100.1 | 100.1 | 99.9 | 99.7 | 99.7 | 99.7 |
| | D5 | 5.4620 | 3.68 | 99.7 | 99.7 | 99.7 | 99.7 | 99.6 | 99.7 | 99.7 | 99.5 | 99.3 | 99.4 | 99.3 |
| | D6 | 5.4944 | 3.56 | 99.8 | 99.8 | 99.8 | 99.8 | 99.7 | 99.8 | 99.8 | 99.6 | 99.5 | 99.4 | 99.4 |
| | D7 | 5.5539 | 3.49 | 99.3 | 99.2 | 99.2 | 99.2 | 99.1 | 99.2 | 99.2 | 99.0 | 98.9 | 98.8 | 98.8 |
| | D8 | 5.4887 | 3.58 | 99.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.7 | 99.6 | 99.5 | 99.4 |
| | D9 | 5.4865 | 3.60 | 99.9 | 99.9 | 99.9 | 99.8 | 99.8 | 99.8 | 99.9 | 99.7 | 99.5 | 99.5 | 99.5 |
| | D10 | 5.4812 | 3.62 | 100.6 | 100.6 | 100.5 | 100.6 | 100.5 | 100.6 | 100.7 | 100.5 | 100.3 | 100.3 | 100.3 |
| | D11 | 5.4354 | 3.61 | 99.4 | 99.4 | 99.3 | 99.3 | 99.2 | 99.3 | 99.3 | 99.1 | 98.9 | 98.8 | 98.7 |
| | D12 | 5.5041 | 3.52 | 99.7 | 99.7 | 99.7 | 99.7 | 99.6 | 99.7 | 99.7 | 99.5 | 99.4 | 99.3 | 99.3 |
| 960000108055031C | D1 | 5.4561 | 3.52 | 99.9 | 99.9 | 99.9 | 100.0 | 99.8 | 99.9 | 99.9 | 99.7 | 99.5 | 99.4 | 99.4 |
| | D2 | 5.4952 | 3.45 | 99.2 | 99.2 | 99.2 | 99.2 | 99.1 | 99.2 | 99.2 | 99.1 | 98.9 | 98.8 | 98.9 |
| | D3 | 5.4204 | 3.43 | 98.1 | 98.0 | 97.9 | 97.9 | 97.8 | 97.8 | 97.8 | 97.6 | 97.3 | 97.2 | 97.2 |
| | D4 | 5.4778 | 3.50 | 100.6 | 100.6 | 100.5 | 100.5 | 100.4 | 100.5 | 100.6 | 100.4 | 100.2 | 100.1 | 100.2 |
| | D5 | 5.4421 | 3.53 | 99.0 | 99.0 | 98.9 | 98.9 | 98.8 | 98.8 | 98.8 | 98.6 | 98.4 | 98.3 | 98.3 |
| | D6 | 5.5347 | 3.64 | 99.2 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.0 | 98.8 | 98.7 | 98.7 |
| | D7 | 5.4267 | 3.51 | 100.2 | 100.3 | 100.2 | 100.2 | 100.1 | 100.1 | 100.2 | 100.0 | 99.8 | 99.7 | 99.8 |
| | D8 | 5.4409 | 3.53 | 100.9 | 100.9 | 100.9 | 100.9 | 100.8 | 100.9 | 101.0 | 100.7 | 100.6 | 100.5 | 100.6 |
| | D9 | 5.4740 | 3.59 | 100.2 | 100.2 | 100.2 | 100.2 | 100.0 | 100.1 | 100.2 | 100.0 | 99.8 | 99.8 | 99.8 |
| | D10 | 5.5093 | 3.60 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 | 99.8 | 99.6 | 99.6 | 99.6 |
| | D11 | 5.5185 | 3.58 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 | 99.9 | 99.7 | 99.6 | 99.6 |
| | D12 | 5.4147 | 3.52 | 99.5 | 99.5 | 99.5 | 99.4 | 99.3 | 99.3 | 99.3 | 99.2 | 99.0 | 98.8 | 98.8 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 99.8 | 99.8 | 99.8 | 99.8 | 99.7 | 99.7 | 99.8 | 99.6 | 99.4 | 99.3 | 99.3 |
| mediana | | | | 99.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.7 | 99.5 | 99.5 | 99.4 |
| odchylenie standardowe | | | | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| min. | | | | 98.1 | 98.0 | 97.9 | 97.9 | 97.8 | 97.8 | 97.8 | 97.6 | 97.3 | 97.2 | 97.2 |
| maks. | | | | 100.9 | 100.9 | 100.9 | 100.9 | 100.8 | 100.9 | 101.0 | 100.7 | 100.6 | 100.5 | 100.6 |

| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 3.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | |
| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 5800001073C7031C | D1 | 5.5239 | 3.36 | 98.8 | 98.7 | 98.6 | | | | | | | |
| | D2 | 5.4533 | 3.49 | 99.8 | 99.7 | 99.7 | | | | | | | |
| | D3 | 5.3829 | 3.46 | 100.0 | 99.9 | 99.9 | | | | | | | |
| | D4 | 5.4109 | 3.48 | 99.6 | 99.5 | 99.5 | | | | | | | |
| | D5 | 5.4620 | 3.68 | 99.1 | 99.0 | 99.0 | | | | | | | |
| | D6 | 5.4944 | 3.56 | 99.2 | 99.1 | 99.1 | | | | | | | |
| | D7 | 5.5539 | 3.49 | 98.6 | 98.5 | 98.5 | | | | | | | |
| | D8 | 5.4887 | 3.58 | 99.4 | 99.2 | 99.3 | | | | | | | |
| | D9 | 5.4865 | 3.60 | 99.3 | 99.2 | 99.2 | | | | | | | |
| | D10 | 5.4812 | 3.62 | 100.1 | 100.1 | 100.1 | | | | | | | |
| | D11 | 5.4354 | 3.61 | 98.6 | 98.5 | 98.4 | | | | | | | |
| | D12 | 5.5041 | 3.52 | 99.1 | 99.0 | 99.0 | | | | | | | |
| 960000108055031C | D1 | 5.4561 | 3.52 | 99.3 | 99.1 | 99.1 | | | | | | | |
| | D2 | 5.4952 | 3.45 | 98.6 | 98.5 | 98.5 | | | | | | | |
| | D3 | 5.4204 | 3.43 | 97.0 | 96.9 | 96.8 | | | | | | | |
| | D4 | 5.4778 | 3.50 | 100.0 | 99.9 | 99.8 | | | | | | | |
| | D5 | 5.4421 | 3.53 | 98.1 | 97.9 | 97.9 | | | | | | | |
| | D6 | 5.5347 | 3.64 | 98.6 | 98.4 | 98.4 | | | | | | | |
| | D7 | 5.4267 | 3.51 | 99.6 | 99.5 | 99.4 | | | | | | | |
| | D8 | 5.4409 | 3.53 | 100.4 | 100.3 | 100.3 | | | | | | | |
| | D9 | 5.4740 | 3.59 | 99.6 | 99.5 | 99.5 | | | | | | | |
| | D10 | 5.5093 | 3.60 | 99.4 | 99.3 | 99.3 | | | | | | | |
| | D11 | 5.5185 | 3.58 | 99.5 | 99.3 | 99.3 | | | | | | | |
| | D12 | 5.4147 | 3.52 | 98.7 | 98.5 | 98.5 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 99.2 | 99.1 | 99.0 | | | | | | | |
| mediana | | | | 99.3 | 99.2 | 99.2 | | | | | | | |
| odchylenie standardowe | | | | 0.7 | 0.7 | 0.8 | | | | | | | |
| min. | | | | 97.0 | 96.9 | 96.8 | | | | | | | |
| maks. | | | | 100.4 | 100.3 | 100.3 | | | | | | | |

| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 3.3 - WYNIKI WSPÓLRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 5800001073C7031C | D1 | | 0.2343 | 0.2334 | 0.2333 | 0.2333 | 0.2332 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | |
| | D2 | | 0.2351 | 0.2343 | 0.2343 | 0.2342 | 0.2342 | 0.2341 | 0.2341 | 0.2340 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | |
| | D3 | | 0.2370 | 0.2360 | 0.2359 | 0.2358 | 0.2358 | 0.2357 | 0.2356 | 0.2356 | 0.2356 | 0.2356 | 0.2355 | 0.2355 | |
| | D4 | | 0.2364 | 0.2355 | 0.2354 | 0.2353 | 0.2353 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2350 | |
| | D5 | | 0.2340 | 0.2332 | 0.2331 | 0.2330 | 0.2330 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | |
| | D6 | | 0.2356 | 0.2347 | 0.2346 | 0.2345 | 0.2345 | 0.2344 | 0.2343 | 0.2344 | 0.2344 | 0.2344 | 0.2343 | 0.2343 | |
| | D7 | | 0.2330 | 0.2320 | 0.2319 | 0.2318 | 0.2318 | 0.2317 | 0.2317 | 0.2317 | 0.2316 | 0.2317 | 0.2316 | 0.2316 | |
| | D8 | | 0.2348 | 0.2337 | 0.2336 | 0.2336 | 0.2335 | 0.2334 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2332 | 0.2333 | |
| | D9 | | 0.2334 | 0.2325 | 0.2323 | 0.2323 | 0.2322 | 0.2321 | 0.2320 | 0.2321 | 0.2320 | 0.2320 | 0.2320 | 0.2320 | |
| | D10 | | 0.2344 | 0.2334 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2329 | 0.2329 | |
| | D11 | | 0.2336 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | |
| | D12 | | 0.2335 | 0.2326 | 0.2325 | 0.2324 | 0.2324 | 0.2323 | 0.2322 | 0.2323 | 0.2323 | 0.2322 | 0.2321 | 0.2322 | |
| 960000108055031C | D1 | | 0.2327 | 0.2319 | 0.2319 | 0.2318 | 0.2318 | 0.2317 | 0.2317 | 0.2317 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | |
| | D2 | | 0.2342 | 0.2333 | 0.2332 | 0.2332 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2329 | 0.2329 | |
| | D3 | | 0.2367 | 0.2358 | 0.2357 | 0.2357 | 0.2357 | 0.2356 | 0.2356 | 0.2355 | 0.2355 | 0.2355 | 0.2354 | 0.2355 | |
| | D4 | | 0.2346 | 0.2337 | 0.2336 | 0.2336 | 0.2335 | 0.2335 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2333 | 0.2332 | |
| | D5 | | 0.2337 | 0.2330 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | |
| | D6 | | 0.2324 | 0.2315 | 0.2316 | 0.2315 | 0.2315 | 0.2314 | 0.2313 | 0.2313 | 0.2313 | 0.2313 | 0.2313 | 0.2313 | |
| | D7 | | 0.2337 | 0.2330 | 0.2331 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | |
| | D8 | | 0.2344 | 0.2333 | 0.2332 | 0.2332 | 0.2331 | 0.2330 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2329 | |
| | D9 | | 0.2339 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | |
| | D10 | | 0.2332 | 0.2324 | 0.2323 | 0.2322 | 0.2322 | 0.2321 | 0.2321 | 0.2320 | 0.2320 | 0.2320 | 0.2320 | 0.2320 | |
| | D11 | | 0.2343 | 0.2335 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | 0.2331 | |
| | D12 | | 0.2357 | 0.2353 | 0.2353 | 0.2354 | 0.2353 | 0.2353 | 0.2353 | 0.2354 | 0.2353 | 0.2353 | 0.2353 | 0.2354 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| średnia | | | | 0.2335 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | | |
| mediana | | | | 0.2333 | 0.2332 | 0.2332 | 0.2331 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2329 | | |
| odchylenie standardowe | | | | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | | |
| min. | | | | 0.2315 | 0.2316 | 0.2315 | 0.2315 | 0.2314 | 0.2313 | 0.2313 | 0.2313 | 0.2313 | 0.2313 | | |
| maks. | | | | 0.2360 | 0.2359 | 0.2358 | 0.2358 | 0.2357 | 0.2356 | 0.2356 | 0.2356 | 0.2356 | 0.2355 | | |

| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 3.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 5800001073C7031C | D1 | | 0.2343 | 0.2330 | 0.2330 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | 0.2329 | |
| | D2 | | 0.2351 | 0.2340 | 0.2340 | 0.2339 | 0.2339 | 0.2339 | 0.2340 | 0.2339 | 0.2339 | 0.2340 | 0.2339 | 0.2339 | |
| | D3 | | 0.2370 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | 0.2354 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | |
| | D4 | | 0.2364 | 0.2350 | 0.2350 | 0.2349 | 0.2349 | 0.2349 | 0.2350 | 0.2349 | 0.2349 | 0.2350 | 0.2349 | 0.2349 | |
| | D5 | | 0.2340 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2326 | 0.2325 | |
| | D6 | | 0.2356 | 0.2343 | 0.2343 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2343 | 0.2343 | 0.2342 | |
| | D7 | | 0.2330 | 0.2316 | 0.2316 | 0.2315 | 0.2315 | 0.2315 | 0.2315 | 0.2314 | 0.2315 | 0.2316 | 0.2315 | 0.2315 | |
| | D8 | | 0.2348 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2331 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | |
| | D9 | | 0.2334 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2318 | 0.2319 | 0.2319 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | |
| | D10 | | 0.2344 | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | |
| | D11 | | 0.2336 | 0.2328 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2328 | |
| | D12 | | 0.2335 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2320 | 0.2321 | 0.2319 | 0.2320 | 0.2321 | 0.2321 | 0.2320 | |
| 960000108055031C | D1 | | 0.2327 | 0.2316 | 0.2316 | 0.2315 | 0.2315 | 0.2315 | 0.2316 | 0.2315 | 0.2315 | 0.2316 | 0.2316 | 0.2316 | |
| | D2 | | 0.2342 | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2329 | 0.2329 | 0.2328 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | |
| | D3 | | 0.2367 | 0.2354 | 0.2355 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | |
| | D4 | | 0.2346 | 0.2333 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2332 | 0.2331 | 0.2331 | 0.2332 | 0.2332 | 0.2332 | |
| | D5 | | 0.2337 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2328 | 0.2328 | 0.2327 | |
| | D6 | | 0.2324 | 0.2313 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | 0.2313 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | |
| | D7 | | 0.2337 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2330 | 0.2329 | 0.2330 | 0.2331 | 0.2331 | 0.2331 | |
| | D8 | | 0.2344 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | |
| | D9 | | 0.2339 | 0.2327 | 0.2327 | 0.2327 | 0.2326 | 0.2327 | 0.2327 | 0.2326 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | |
| | D10 | | 0.2332 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2319 | 0.2319 | 0.2319 | |
| | D11 | | 0.2343 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2330 | 0.2330 | 0.2331 | 0.2331 | 0.2331 | |
| | D12 | | 0.2357 | 0.2353 | 0.2354 | 0.2353 | 0.2353 | 0.2353 | 0.2353 | 0.2353 | 0.2354 | 0.2354 | 0.2354 | 0.2354 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| średnia | | | | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | 0.2330 | 0.2331 | 0.2331 | 0.2331 | 0.2331 | |
| mediana | | | | 0.2329 | 0.2329 | 0.2329 | 0.2328 | 0.2328 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | 0.2328 | |
| odchylenie standardowe | | | | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | |
| min. | | | | 0.2313 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | 0.2313 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | |
| maks. | | | | 0.2355 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | 0.2354 | 0.2355 | 0.2355 | 0.2355 | 0.2355 | |

| Warunek badania 2 | | | | 85 °c | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|---------|--------|--|--|--|--|--|--|--|--------------|
| TABELA 3.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM |
| Warunek badania 2 | | | | 85 °c | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | |
| 5800001073C7031C | D1 | | 0.2343 | 0.2329 | 0.2328 | 0.2329 | | | | | | | | |
| | D2 | | 0.2351 | 0.2339 | 0.2339 | 0.2339 | | | | | | | | |
| | D3 | | 0.2370 | 0.2355 | 0.2355 | 0.2355 | | | | | | | | |
| | D4 | | 0.2364 | 0.2349 | 0.2349 | 0.2349 | | | | | | | | |
| | D5 | | 0.2340 | 0.2325 | 0.2326 | 0.2326 | | | | | | | | |
| | D6 | | 0.2356 | 0.2342 | 0.2342 | 0.2342 | | | | | | | | |
| | D7 | | 0.2330 | 0.2315 | 0.2315 | 0.2315 | | | | | | | | |
| | D8 | | 0.2348 | 0.2331 | 0.2331 | 0.2331 | | | | | | | | |
| | D9 | | 0.2334 | 0.2318 | 0.2318 | 0.2318 | | | | | | | | |
| | D10 | | 0.2344 | 0.2327 | 0.2328 | 0.2327 | | | | | | | | |
| | D11 | | 0.2336 | 0.2327 | 0.2327 | 0.2327 | | | | | | | | |
| | D12 | | 0.2335 | 0.2320 | 0.2320 | 0.2320 | | | | | | | | |
| 960000108055031C | D1 | | 0.2327 | 0.2315 | 0.2315 | 0.2315 | | | | | | | | |
| | D2 | | 0.2342 | 0.2328 | 0.2328 | 0.2329 | | | | | | | | |
| | D3 | | 0.2367 | 0.2353 | 0.2354 | 0.2354 | | | | | | | | |
| | D4 | | 0.2346 | 0.2331 | 0.2331 | 0.2332 | | | | | | | | |
| | D5 | | 0.2337 | 0.2327 | 0.2327 | 0.2327 | | | | | | | | |
| | D6 | | 0.2324 | 0.2312 | 0.2312 | 0.2312 | | | | | | | | |
| | D7 | | 0.2337 | 0.2330 | 0.2330 | 0.2330 | | | | | | | | |
| | D8 | | 0.2344 | 0.2327 | 0.2327 | 0.2327 | | | | | | | | |
| | D9 | | 0.2339 | 0.2326 | 0.2326 | 0.2326 | | | | | | | | |
| | D10 | | 0.2332 | 0.2319 | 0.2319 | 0.2319 | | | | | | | | |
| | D11 | | 0.2343 | 0.2330 | 0.2331 | 0.2331 | | | | | | | | |
| | D12 | | 0.2357 | 0.2354 | 0.2354 | 0.2354 | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | |
| średnia | | | | 0.2330 | 0.2330 | 0.2331 | | | | | | | | |
| mediana | | | | 0.2328 | 0.2328 | 0.2328 | | | | | | | | |
| odchylenie standardowe | | | | 0.0012 | 0.0012 | 0.0012 | | | | | | | | |
| min. | | | | 0.2312 | 0.2312 | 0.2312 | | | | | | | | |
| maks. | | | | 0.2355 | 0.2355 | 0.2355 | | | | | | | | |

| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 3.4 - WYNIKI WSPÓLRZĘDNEJ CHROMATYCZNOŚCI V' | | | | | | | | | | | | | | | |
| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 5800001073C7031C | D1 | | 0.5188 | 0.5188 | 0.5189 | 0.5189 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5191 | 0.5192 |
| | D2 | | 0.5196 | 0.5196 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5200 |
| | D3 | | 0.5202 | 0.5199 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5202 |
| | D4 | | 0.5188 | 0.5186 | 0.5188 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5190 | 0.5191 |
| | D5 | | 0.5206 | 0.5208 | 0.5210 | 0.5211 | 0.5211 | 0.5212 | 0.5212 | 0.5212 | 0.5212 | 0.5212 | 0.5213 | 0.5212 | 0.5212 |
| | D6 | | 0.5206 | 0.5207 | 0.5208 | 0.5208 | 0.5209 | 0.5210 | 0.5210 | 0.5210 | 0.5210 | 0.5210 | 0.5210 | 0.5210 | 0.5210 |
| | D7 | | 0.5192 | 0.5190 | 0.5191 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5191 | 0.5191 |
| | D8 | | 0.5195 | 0.5192 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 |
| | D9 | | 0.5200 | 0.5199 | 0.5200 | 0.5200 | 0.5201 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5200 | 0.5201 |
| | D10 | | 0.5189 | 0.5188 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5190 | 0.5191 |
| | D11 | | 0.5193 | 0.5195 | 0.5198 | 0.5199 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | 0.5203 | 0.5202 | 0.5203 |
| | D12 | | 0.5191 | 0.5190 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | 0.5193 | 0.5192 | 0.5193 | 0.5192 | 0.5193 |
| 960000108055031C | D1 | | 0.5192 | 0.5193 | 0.5194 | 0.5195 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5198 | 0.5197 | 0.5197 |
| | D2 | | 0.5190 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5190 | 0.5190 |
| | D3 | | 0.5201 | 0.5198 | 0.5199 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5200 | 0.5200 |
| | D4 | | 0.5195 | 0.5194 | 0.5194 | 0.5195 | 0.5195 | 0.5196 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5197 | 0.5195 | 0.5195 |
| | D5 | | 0.5206 | 0.5207 | 0.5209 | 0.5210 | 0.5211 | 0.5212 | 0.5212 | 0.5212 | 0.5213 | 0.5213 | 0.5214 | 0.5213 | 0.5213 |
| | D6 | | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5195 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 |
| | D7 | | 0.5191 | 0.5194 | 0.5198 | 0.5199 | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5203 | 0.5204 | 0.5204 | 0.5204 |
| | D8 | | 0.5199 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5201 | 0.5200 | 0.5200 |
| | D9 | | 0.5208 | 0.5209 | 0.5210 | 0.5211 | 0.5211 | 0.5212 | 0.5212 | 0.5212 | 0.5212 | 0.5212 | 0.5213 | 0.5212 | 0.5212 |
| | D10 | | 0.5193 | 0.5195 | 0.5196 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5200 | 0.5200 |
| | D11 | | 0.5190 | 0.5190 | 0.5191 | 0.5192 | 0.5192 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5193 | 0.5193 |
| | D12 | | 0.5205 | 0.5209 | 0.5213 | 0.5215 | 0.5217 | 0.5218 | 0.5218 | 0.5218 | 0.5219 | 0.5220 | 0.5221 | 0.5220 | 0.5220 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.5196 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | |
| mediana | | | | 0.5194 | 0.5197 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | |
| odchylenie standardowe | | | | 0.0007 | 0.0007 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | 0.0008 | |
| min. | | | | 0.5186 | 0.5188 | 0.5189 | 0.5190 | 0.5190 | 0.5190 | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5190 | |
| maks. | | | | 0.5209 | 0.5213 | 0.5215 | 0.5217 | 0.5218 | 0.5218 | 0.5219 | 0.5220 | 0.5221 | 0.5220 | 0.5220 | |

| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 3.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI v' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 5800001073C7031C | D1 | | 0.5188 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | 0.5192 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | |
| | D2 | | 0.5196 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | |
| | D3 | | 0.5202 | 0.5202 | 0.5202 | 0.5203 | 0.5202 | 0.5203 | 0.5203 | 0.5203 | 0.5203 | 0.5203 | 0.5203 | 0.5203 | |
| | D4 | | 0.5188 | 0.5191 | 0.5191 | 0.5192 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | |
| | D5 | | 0.5206 | 0.5213 | 0.5213 | 0.5213 | 0.5213 | 0.5214 | 0.5214 | 0.5214 | 0.5214 | 0.5214 | 0.5214 | 0.5214 | |
| | D6 | | 0.5206 | 0.5210 | 0.5210 | 0.5211 | 0.5210 | 0.5211 | 0.5211 | 0.5211 | 0.5211 | 0.5211 | 0.5211 | 0.5212 | |
| | D7 | | 0.5192 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | |
| | D8 | | 0.5195 | 0.5195 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5194 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | 0.5195 | |
| | D9 | | 0.5200 | 0.5201 | 0.5201 | 0.5202 | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5201 | 0.5202 | |
| | D10 | | 0.5189 | 0.5191 | 0.5191 | 0.5192 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | |
| | D11 | | 0.5193 | 0.5203 | 0.5203 | 0.5204 | 0.5203 | 0.5204 | 0.5204 | 0.5204 | 0.5205 | 0.5205 | 0.5205 | 0.5205 | |
| | D12 | | 0.5191 | 0.5193 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | |
| 960000108055031C | D1 | | 0.5192 | 0.5198 | 0.5198 | 0.5198 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | |
| | D2 | | 0.5190 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | 0.5192 | |
| | D3 | | 0.5201 | 0.5201 | 0.5200 | 0.5201 | 0.5200 | 0.5201 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | |
| | D4 | | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | 0.5197 | |
| | D5 | | 0.5206 | 0.5214 | 0.5214 | 0.5215 | 0.5214 | 0.5215 | 0.5215 | 0.5216 | 0.5216 | 0.5215 | 0.5216 | 0.5216 | |
| | D6 | | 0.5193 | 0.5195 | 0.5195 | 0.5196 | 0.5195 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5196 | 0.5197 | 0.5197 | |
| | D7 | | 0.5191 | 0.5205 | 0.5205 | 0.5205 | 0.5205 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | |
| | D8 | | 0.5199 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | |
| | D9 | | 0.5208 | 0.5213 | 0.5213 | 0.5213 | 0.5213 | 0.5213 | 0.5213 | 0.5214 | 0.5214 | 0.5214 | 0.5215 | 0.5214 | |
| | D10 | | 0.5193 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | |
| | D11 | | 0.5190 | 0.5194 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5194 | 0.5195 | 0.5195 | 0.5194 | 0.5195 | 0.5195 | |
| | D12 | | 0.5205 | 0.5221 | 0.5221 | 0.5222 | 0.5222 | 0.5222 | 0.5222 | 0.5223 | 0.5223 | 0.5223 | 0.5223 | 0.5223 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.5200 | 0.5200 | 0.5201 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | |
| mediana | | | | 0.5200 | 0.5200 | 0.5201 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | |
| odchylenie standardowe | | | | 0.0008 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0009 | |
| min. | | | | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | 0.5191 | |
| maks. | | | | 0.5221 | 0.5221 | 0.5222 | 0.5222 | 0.5222 | 0.5222 | 0.5223 | 0.5223 | 0.5223 | 0.5223 | 0.5223 | |

| Warunek badania 2 | | | | 85 °c | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--|--|--|--|--|--|--|--------------|--|
| TABELA 3.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI V' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 2 | | | | 85 °c | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 5800001073C7031C | D1 | | 0.5188 | 0.5195 | 0.5195 | 0.5195 | | | | | | | | | |
| | D2 | | 0.5196 | 0.5202 | 0.5202 | 0.5203 | | | | | | | | | |
| | D3 | | 0.5202 | 0.5204 | 0.5205 | 0.5205 | | | | | | | | | |
| | D4 | | 0.5188 | 0.5193 | 0.5193 | 0.5193 | | | | | | | | | |
| | D5 | | 0.5206 | 0.5216 | 0.5216 | 0.5217 | | | | | | | | | |
| | D6 | | 0.5206 | 0.5213 | 0.5213 | 0.5214 | | | | | | | | | |
| | D7 | | 0.5192 | 0.5193 | 0.5193 | 0.5194 | | | | | | | | | |
| | D8 | | 0.5195 | 0.5197 | 0.5197 | 0.5197 | | | | | | | | | |
| | D9 | | 0.5200 | 0.5204 | 0.5204 | 0.5204 | | | | | | | | | |
| | D10 | | 0.5189 | 0.5193 | 0.5192 | 0.5193 | | | | | | | | | |
| | D11 | | 0.5193 | 0.5207 | 0.5206 | 0.5207 | | | | | | | | | |
| | D12 | | 0.5191 | 0.5196 | 0.5196 | 0.5196 | | | | | | | | | |
| 960000108055031C | D1 | | 0.5192 | 0.5201 | 0.5201 | 0.5201 | | | | | | | | | |
| | D2 | | 0.5190 | 0.5193 | 0.5193 | 0.5194 | | | | | | | | | |
| | D3 | | 0.5201 | 0.5202 | 0.5202 | 0.5203 | | | | | | | | | |
| | D4 | | 0.5195 | 0.5197 | 0.5198 | 0.5199 | | | | | | | | | |
| | D5 | | 0.5206 | 0.5217 | 0.5218 | 0.5218 | | | | | | | | | |
| | D6 | | 0.5193 | 0.5198 | 0.5199 | 0.5199 | | | | | | | | | |
| | D7 | | 0.5191 | 0.5207 | 0.5208 | 0.5208 | | | | | | | | | |
| | D8 | | 0.5199 | 0.5203 | 0.5203 | 0.5204 | | | | | | | | | |
| | D9 | | 0.5208 | 0.5215 | 0.5216 | 0.5216 | | | | | | | | | |
| | D10 | | 0.5193 | 0.5203 | 0.5204 | 0.5204 | | | | | | | | | |
| | D11 | | 0.5190 | 0.5196 | 0.5196 | 0.5197 | | | | | | | | | |
| | D12 | | 0.5205 | 0.5224 | 0.5224 | 0.5225 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 0.5203 | 0.5203 | 0.5204 | | | | | | | | | |
| mediana | | | | 0.5202 | 0.5202 | 0.5203 | | | | | | | | | |
| odchylenie standardowe | | | | 0.0009 | 0.0009 | 0.0009 | | | | | | | | | |
| min. | | | | 0.5193 | 0.5192 | 0.5193 | | | | | | | | | |
| maks. | | | | 0.5224 | 0.5224 | 0.5225 | | | | | | | | | |

| Warunek badania 2 | | | | 85 °C | 1.050 A | | | | | | | | | | |
|--|------------------|------------------------|--------|-------|---|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 3.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI | | | | | | | | | | | | | | | |
| Warunek badania 2 | | | | 85 °C | 1.050 A | GW CSSRM2.EM | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | |
| | | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 5B00001073C7031C | D1 | 0.2343 | 0.5188 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0012 | 0.0012 | 0.0013 | 0.0014 | 0.0013 |
| | D2 | 0.2351 | 0.5196 | | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0011 | 0.0011 | 0.0012 | 0.0012 |
| | D3 | 0.2370 | 0.5202 | | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 |
| | D4 | 0.2364 | 0.5188 | | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 |
| | D5 | 0.2340 | 0.5206 | | 0.0009 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 |
| | D6 | 0.2356 | 0.5206 | | 0.0008 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0012 | 0.0013 | 0.0013 |
| | D7 | 0.2330 | 0.5192 | | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0014 |
| | D8 | 0.2348 | 0.5195 | | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0015 |
| | D9 | 0.2334 | 0.5200 | | 0.0009 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | D10 | 0.2344 | 0.5189 | | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 |
| | D11 | 0.2336 | 0.5193 | | 0.0007 | 0.0008 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 |
| | D12 | 0.2335 | 0.5191 | | 0.0009 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0014 |
| 960000108055031C | D1 | 0.2327 | 0.5192 | | 0.0008 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 |
| | D2 | 0.2342 | 0.5190 | | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D3 | 0.2367 | 0.5201 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 |
| | D4 | 0.2346 | 0.5195 | | 0.0010 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | D5 | 0.2337 | 0.5206 | | 0.0007 | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 |
| | D6 | 0.2324 | 0.5193 | | 0.0009 | 0.0009 | 0.0009 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0011 |
| | D7 | 0.2337 | 0.5191 | | 0.0007 | 0.0009 | 0.0010 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | D8 | 0.2344 | 0.5199 | | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | D9 | 0.2339 | 0.5208 | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 |
| | D10 | 0.2332 | 0.5193 | | 0.0008 | 0.0009 | 0.0010 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | D11 | 0.2343 | 0.5190 | | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0010 | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D12 | 0.2357 | 0.5205 | | 0.0007 | 0.0010 | 0.0011 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0016 | 0.0017 | 0.0016 | 0.0016 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | średnia | | | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | | mediana | | | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | | odchylenie standardowe | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 |
| | | min. | | | 0.0007 | 0.0008 | 0.0009 | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0011 | 0.0011 |
| | | | | maks. | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0017 | 0.0016 | |

| Warunek badania 2 85 °C 1.050 A | | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------|------------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 3.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI | | | | | | | | | | | | | | | |
| Warunek badania 2 85 °C 1.050 A | | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | |
| | | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 5800001073C7031C | D1 | 0.2343 | 0.5188 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0014 | 0.0015 |
| | D2 | 0.2351 | 0.5196 | | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 |
| | D3 | 0.2370 | 0.5202 | | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0015 | 0.0016 |
| | D4 | 0.2364 | 0.5188 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | D5 | 0.2340 | 0.5206 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0015 | 0.0016 | 0.0017 |
| | D6 | 0.2356 | 0.5206 | | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0014 | 0.0014 | 0.0014 |
| | D7 | 0.2330 | 0.5192 | | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | D8 | 0.2348 | 0.5195 | | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0017 |
| | D9 | 0.2334 | 0.5200 | | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 |
| | D10 | 0.2344 | 0.5189 | | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0017 |
| | D11 | 0.2336 | 0.5193 | | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0014 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | D12 | 0.2335 | 0.5191 | | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| 960000108055031C | D1 | 0.2327 | 0.5192 | | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0014 | 0.0013 | 0.0015 | 0.0014 | 0.0013 | 0.0014 | 0.0014 |
| | D2 | 0.2342 | 0.5190 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0013 |
| | D3 | 0.2367 | 0.5201 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | D4 | 0.2346 | 0.5195 | | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0014 | 0.0015 | 0.0014 |
| | D5 | 0.2337 | 0.5206 | | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0013 | 0.0014 | 0.0014 |
| | D6 | 0.2324 | 0.5193 | | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D7 | 0.2337 | 0.5191 | | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 |
| | D8 | 0.2344 | 0.5199 | | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0016 | 0.0017 | 0.0017 |
| | D9 | 0.2339 | 0.5208 | | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | D10 | 0.2332 | 0.5193 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | D11 | 0.2343 | 0.5190 | | 0.0013 | 0.0012 | 0.0013 | 0.0013 | 0.0012 | 0.0013 | 0.0014 | 0.0013 | 0.0013 | 0.0013 | 0.0013 |
| | D12 | 0.2357 | 0.5205 | | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0019 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | n | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | | średnia | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | | | | mediana | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | | | | odchylenie standardowe | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0002 |
| | | | | min. | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | | | maks. | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | |

| Warunek badania 2 85 °c 1.050 A | | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------|--|---|--------|--------|--|--|--|--|--|--|--|--|
| TABELA 3.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI | | | | | | | | | | | | | | | |
| Warunek badania 2 85 °c 1.050 A | | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane awarie: brak | | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | |
| | | | | | 23000 | 24000 | 25000 | | | | | | | | |
| 5800001073C7031C | D1 | 0.2343 | 0.5188 | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| | D2 | 0.2351 | 0.5196 | | 0.0014 | 0.0014 | 0.0014 | | | | | | | | |
| | D3 | 0.2370 | 0.5202 | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| | D4 | 0.2364 | 0.5188 | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| | D5 | 0.2340 | 0.5206 | | 0.0018 | 0.0017 | 0.0018 | | | | | | | | |
| | D6 | 0.2356 | 0.5206 | | 0.0015 | 0.0015 | 0.0016 | | | | | | | | |
| | D7 | 0.2330 | 0.5192 | | 0.0015 | 0.0015 | 0.0016 | | | | | | | | |
| | D8 | 0.2348 | 0.5195 | | 0.0017 | 0.0017 | 0.0018 | | | | | | | | |
| | D9 | 0.2334 | 0.5200 | | 0.0017 | 0.0017 | 0.0017 | | | | | | | | |
| | D10 | 0.2344 | 0.5189 | | 0.0017 | 0.0017 | 0.0017 | | | | | | | | |
| | D11 | 0.2336 | 0.5193 | | 0.0016 | 0.0015 | 0.0016 | | | | | | | | |
| | D12 | 0.2335 | 0.5191 | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| 960000108055031C | D1 | 0.2327 | 0.5192 | | 0.0015 | 0.0015 | 0.0015 | | | | | | | | |
| | D2 | 0.2342 | 0.5190 | | 0.0013 | 0.0014 | 0.0013 | | | | | | | | |
| | D3 | 0.2367 | 0.5201 | | 0.0014 | 0.0013 | 0.0013 | | | | | | | | |
| | D4 | 0.2346 | 0.5195 | | 0.0015 | 0.0015 | 0.0015 | | | | | | | | |
| | D5 | 0.2337 | 0.5206 | | 0.0015 | 0.0015 | 0.0016 | | | | | | | | |
| | D6 | 0.2324 | 0.5193 | | 0.0013 | 0.0013 | 0.0014 | | | | | | | | |
| | D7 | 0.2337 | 0.5191 | | 0.0017 | 0.0017 | 0.0018 | | | | | | | | |
| | D8 | 0.2344 | 0.5199 | | 0.0017 | 0.0017 | 0.0017 | | | | | | | | |
| | D9 | 0.2339 | 0.5208 | | 0.0015 | 0.0016 | 0.0016 | | | | | | | | |
| | D10 | 0.2332 | 0.5193 | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| | D11 | 0.2343 | 0.5190 | | 0.0014 | 0.0014 | 0.0014 | | | | | | | | |
| | D12 | 0.2357 | 0.5205 | | 0.0020 | 0.0020 | 0.0021 | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | | 24 | 24 | 24 | | | | | | | | |
| średnia | | | | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| mediana | | | | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | |
| odchylenie standardowe | | | | | 0.0002 | 0.0002 | 0.0002 | | | | | | | | |
| min. | | | | | 0.0013 | 0.0013 | 0.0013 | | | | | | | | |
| maks. | | | | | 0.0020 | 0.0020 | 0.0021 | | | | | | | | |

| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
|--|------------------|---------------------|------|--|-------|---------|-------|--------|-------|-------|-------|--------|-------|--------|--|
| TABELA 3.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA | | | | | | | | | | | | | | | |
| Warunek badania 2 | | | | 85 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A | | | | | | | | | | | |
| | | Vf (V) | | Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C | | | | | | | | | | | |
| | | | | Zaobserwowane awarie: brak | | | | | | | | | | | |
| | | | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 5800001073C7031C | D1 | | 3.36 | 98.64 | 98.75 | 98.61 | 98.77 | 98.88 | 98.74 | 98.76 | 98.59 | 99.81 | 99.57 | 101.01 | |
| | D2 | | 3.49 | 98.03 | 97.38 | 97.26 | 97.31 | 98.56 | 97.81 | 97.61 | 97.25 | 98.63 | 98.00 | 99.46 | |
| | D3 | | 3.46 | 98.94 | 98.40 | 98.40 | 98.81 | 100.02 | 99.24 | 98.76 | 98.96 | 99.01 | 99.17 | 100.58 | |
| | D4 | | 3.48 | 98.32 | 98.07 | 98.76 | 98.62 | 98.72 | 98.95 | 98.29 | 98.52 | 100.65 | 99.01 | 99.16 | |
| | D5 | | 3.68 | 96.18 | 96.14 | 96.48 | 96.39 | 96.21 | 96.65 | 97.17 | 96.26 | 98.21 | 96.36 | 96.49 | |
| | D6 | | 3.56 | 97.29 | 97.38 | 97.38 | 97.60 | 97.35 | 97.68 | 98.87 | 97.88 | 98.13 | 97.63 | 98.20 | |
| | D7 | | 3.49 | 97.90 | 97.64 | 97.76 | 97.60 | 97.64 | 97.97 | 98.27 | 97.94 | 99.62 | 98.60 | 98.36 | |
| | D8 | | 3.58 | 97.33 | 96.94 | 96.91 | 97.27 | 96.92 | 98.42 | 97.11 | 97.73 | 98.71 | 98.02 | 97.44 | |
| | D9 | | 3.60 | 97.78 | 97.59 | 97.56 | 97.97 | 97.78 | 99.98 | 97.75 | 98.46 | 98.14 | 98.12 | 97.96 | |
| | D10 | | 3.62 | 96.35 | 96.32 | 96.15 | 96.31 | 97.91 | 97.98 | 96.53 | 96.38 | 96.44 | 96.66 | 96.56 | |
| | D11 | | 3.61 | 96.91 | 96.44 | 96.14 | 96.13 | 97.64 | 96.56 | 96.41 | 96.38 | 96.48 | 96.80 | 96.58 | |
| | D12 | | 3.52 | 98.76 | 98.63 | 98.73 | 98.76 | 98.97 | 99.67 | 98.95 | 99.90 | 99.75 | 98.98 | 99.45 | |
| 960000108055031C | D1 | | 3.52 | 96.61 | 96.10 | 95.58 | 95.46 | 95.49 | 95.23 | 95.16 | 95.40 | 95.10 | 95.73 | 95.48 | |
| | D2 | | 3.45 | 98.77 | 98.56 | 98.06 | 97.84 | 97.91 | 97.95 | 98.48 | 98.18 | 97.87 | 98.21 | 98.52 | |
| | D3 | | 3.43 | 99.11 | 98.92 | 98.58 | 98.47 | 98.44 | 98.57 | 99.08 | 98.86 | 98.40 | 98.49 | 99.10 | |
| | D4 | | 3.50 | 98.11 | 97.64 | 97.64 | 97.58 | 97.33 | 97.33 | 97.32 | 97.39 | 97.26 | 98.56 | 97.37 | |
| | D5 | | 3.53 | 98.30 | 98.08 | 98.73 | 97.89 | 97.55 | 97.36 | 97.94 | 97.28 | 97.63 | 99.30 | 97.47 | |
| | D6 | | 3.64 | 97.04 | 97.14 | 97.59 | 97.24 | 96.89 | 96.94 | 97.49 | 96.56 | 97.02 | 97.79 | 97.72 | |
| | D7 | | 3.51 | 98.01 | 97.68 | 97.61 | 97.87 | 97.66 | 97.77 | 97.77 | 97.35 | 97.67 | 98.03 | 98.56 | |
| | D8 | | 3.53 | 97.81 | 97.69 | 97.73 | 97.58 | 97.39 | 97.38 | 97.39 | 97.31 | 97.52 | 97.25 | 97.64 | |
| | D9 | | 3.59 | 97.92 | 97.75 | 97.64 | 97.60 | 97.49 | 97.77 | 97.75 | 97.84 | 97.47 | 97.36 | 97.62 | |
| | D10 | | 3.60 | 97.77 | 97.34 | 97.45 | 98.34 | 97.50 | 97.54 | 97.42 | 97.69 | 97.26 | 97.48 | 98.44 | |
| | D11 | | 3.58 | 97.82 | 97.37 | 97.59 | 98.70 | 97.69 | 97.46 | 97.08 | 97.63 | 97.30 | 98.00 | 98.97 | |
| | D12 | | 3.52 | 100.44 | 98.52 | 98.55 | 98.75 | 98.54 | 98.67 | 98.25 | 98.68 | 98.29 | 98.89 | 99.68 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 97.9 | 97.6 | 97.6 | 97.7 | 97.8 | 97.9 | 97.7 | 97.7 | 98.0 | 98.0 | 98.2 | |
| mediana | | | | 97.9 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.7 | 98.0 | 98.0 | 98.3 | |
| odchylenie standardowe | | | | 1.0 | 0.8 | 0.9 | 0.9 | 0.9 | 1.0 | 0.9 | 1.0 | 1.2 | 1.0 | 1.3 | |
| min. | | | | 96.2 | 96.1 | 95.6 | 95.5 | 95.5 | 95.2 | 95.2 | 95.4 | 95.1 | 95.7 | 95.5 | |
| maks. | | | | 100.4 | 98.9 | 98.8 | 98.8 | 100.0 | 100.0 | 99.1 | 99.9 | 100.7 | 99.6 | 101.0 | |

Warunek badania 2 85 °C 1.050 A

TABELA 3.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA

GW CSSRM2.EM

Warunek badania 2 85 °C 1.050 A

| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
|---------------------|------------------|---------------------|------------------------|---|--------|-------|--------|--------|-------|--------|--------|--------|--------|--------|
| | | Vf (V) | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 5800001073C7031C | D1 | | 3.36 | 100.10 | 98.77 | 99.25 | 105.32 | 100.01 | 98.70 | 106.71 | 102.29 | 99.69 | 103.92 | 101.49 |
| | D2 | | 3.49 | 98.67 | 97.61 | 97.97 | 98.28 | 98.36 | 96.88 | 98.38 | 99.60 | 99.63 | 98.86 | 99.10 |
| | D3 | | 3.46 | 99.65 | 99.19 | 98.92 | 98.69 | 98.63 | 98.53 | 99.91 | 101.69 | 100.67 | 99.95 | 100.44 |
| | D4 | | 3.48 | 98.65 | 98.33 | 98.23 | 98.82 | 98.26 | 98.18 | 98.87 | 99.49 | 98.33 | 99.47 | 98.47 |
| | D5 | | 3.68 | 96.03 | 95.82 | 95.76 | 97.28 | 95.81 | 95.62 | 96.57 | 96.78 | 95.93 | 97.42 | 95.93 |
| | D6 | | 3.56 | 98.87 | 97.55 | 98.33 | 102.01 | 97.74 | 96.94 | 97.80 | 100.92 | 97.64 | 97.73 | 97.60 |
| | D7 | | 3.49 | 99.48 | 98.02 | 99.05 | 101.82 | 98.03 | 97.42 | 97.71 | 101.54 | 98.17 | 97.76 | 98.28 |
| | D8 | | 3.58 | 97.50 | 97.44 | 96.95 | 97.79 | 97.57 | 96.84 | 97.01 | 97.93 | 97.26 | 97.07 | 97.09 |
| | D9 | | 3.60 | 97.71 | 97.94 | 97.50 | 98.38 | 98.15 | 97.38 | 97.44 | 97.41 | 97.59 | 97.56 | 97.28 |
| | D10 | | 3.62 | 98.28 | 99.37 | 95.99 | 96.75 | 95.96 | 96.01 | 96.02 | 96.46 | 96.25 | 96.42 | 96.29 |
| | D11 | | 3.61 | 99.23 | 99.50 | 95.70 | 100.09 | 96.06 | 95.79 | 96.30 | 96.89 | 96.38 | 96.63 | 97.82 |
| | D12 | | 3.52 | 101.33 | 100.16 | 99.16 | 103.90 | 98.97 | 98.47 | 99.30 | 99.41 | 100.22 | 100.78 | 101.14 |
| 960000108055031C | D1 | | 3.52 | 95.19 | 95.59 | 95.96 | 95.87 | 95.22 | 95.37 | 95.58 | 95.94 | 95.71 | 96.00 | 95.68 |
| | D2 | | 3.45 | 97.99 | 98.24 | 98.63 | 98.62 | 97.81 | 97.93 | 98.41 | 97.91 | 99.44 | 98.62 | 98.37 |
| | D3 | | 3.43 | 98.55 | 98.70 | 98.88 | 98.55 | 98.35 | 99.03 | 98.94 | 98.41 | 100.04 | 98.67 | 99.26 |
| | D4 | | 3.50 | 97.19 | 97.55 | 97.54 | 97.37 | 97.35 | 98.11 | 97.65 | 98.08 | 99.14 | 97.46 | 97.89 |
| | D5 | | 3.53 | 97.17 | 98.14 | 97.29 | 97.50 | 97.84 | 97.73 | 97.43 | 97.96 | 100.48 | 97.36 | 97.17 |
| | D6 | | 3.64 | 96.51 | 97.58 | 98.64 | 97.09 | 97.24 | 96.81 | 96.79 | 96.80 | 99.04 | 97.85 | 96.57 |
| | D7 | | 3.51 | 97.22 | 98.05 | 99.20 | 97.66 | 97.37 | 97.20 | 97.30 | 97.41 | 98.10 | 98.84 | 97.57 |
| | D8 | | 3.53 | 97.28 | 97.90 | 97.21 | 97.77 | 97.31 | 97.25 | 97.32 | 97.59 | 98.99 | 97.71 | 97.55 |
| | D9 | | 3.59 | 97.42 | 97.90 | 97.14 | 97.70 | 97.90 | 97.44 | 98.04 | 97.90 | 99.07 | 97.44 | 97.03 |
| | D10 | | 3.60 | 97.30 | 97.78 | 97.10 | 97.24 | 97.76 | 97.80 | 97.80 | 97.60 | 97.79 | 97.30 | 97.55 |
| | D11 | | 3.58 | 97.45 | 98.49 | 97.35 | 97.41 | 97.08 | 97.62 | 97.09 | 97.37 | 97.55 | 97.36 | 97.52 |
| | D12 | | 3.52 | 98.35 | 99.56 | 98.08 | 98.28 | 97.87 | 98.38 | 97.95 | 98.27 | 98.24 | 100.64 | 97.70 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | n | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | | | średnia | 98.0 | 98.1 | 97.7 | 98.8 | 97.6 | 97.4 | 98.0 | 98.4 | 98.4 | 98.3 | 97.9 |
| | | | mediana | 97.8 | 98.0 | 97.8 | 98.0 | 97.8 | 97.4 | 97.7 | 97.9 | 98.3 | 97.7 | 97.6 |
| | | | odchylenie standardowe | 1.4 | 1.1 | 1.1 | 2.3 | 1.1 | 1.0 | 2.1 | 1.7 | 1.4 | 1.7 | 1.5 |
| | | | min. | 95.2 | 95.6 | 95.7 | 95.9 | 95.2 | 95.4 | 95.6 | 95.9 | 95.7 | 96.0 | 95.7 |
| | | | maks. | 101.3 | 100.2 | 99.3 | 105.3 | 100.0 | 99.0 | 106.7 | 102.3 | 100.7 | 103.9 | 101.5 |

| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | |
|--|------------------|---------------------|------|---|--------|--------|--|--|--|--|--|--|--|
| TABELA 3.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA | | | | | | | | | | | | | |
| Warunek badania 285 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | |
| | | Vf (V) | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 5800001073C7031C | D1 | | 3.36 | 106.04 | 115.64 | 104.01 | | | | | | | |
| | D2 | | 3.49 | 100.36 | 101.86 | 103.37 | | | | | | | |
| | D3 | | 3.46 | 99.53 | 101.67 | 102.27 | | | | | | | |
| | D4 | | 3.48 | 101.00 | 98.97 | 98.75 | | | | | | | |
| | D5 | | 3.68 | 98.91 | 96.74 | 98.84 | | | | | | | |
| | D6 | | 3.56 | 99.82 | 98.20 | 102.04 | | | | | | | |
| | D7 | | 3.49 | 99.86 | 98.44 | 99.76 | | | | | | | |
| | D8 | | 3.58 | 97.23 | 97.10 | 96.93 | | | | | | | |
| | D9 | | 3.60 | 97.99 | 97.36 | 97.48 | | | | | | | |
| | D10 | | 3.62 | 97.85 | 96.16 | 96.42 | | | | | | | |
| | D11 | | 3.61 | 97.48 | 96.15 | 96.83 | | | | | | | |
| | D12 | | 3.52 | 100.97 | 99.93 | 101.30 | | | | | | | |
| 960000108055031C | D1 | | 3.52 | 96.13 | 96.54 | 95.76 | | | | | | | |
| | D2 | | 3.45 | 99.35 | 98.18 | 98.17 | | | | | | | |
| | D3 | | 3.43 | 99.86 | 98.64 | 98.80 | | | | | | | |
| | D4 | | 3.50 | 98.29 | 98.57 | 99.16 | | | | | | | |
| | D5 | | 3.53 | 97.96 | 98.39 | 99.54 | | | | | | | |
| | D6 | | 3.64 | 98.89 | 99.19 | 101.40 | | | | | | | |
| | D7 | | 3.51 | 99.20 | 100.00 | 101.50 | | | | | | | |
| | D8 | | 3.53 | 98.14 | 98.02 | 97.74 | | | | | | | |
| | D9 | | 3.59 | 98.08 | 97.76 | 98.13 | | | | | | | |
| | D10 | | 3.60 | 97.12 | 97.38 | 97.82 | | | | | | | |
| | D11 | | 3.58 | 97.40 | 99.45 | 97.27 | | | | | | | |
| | D12 | | 3.52 | 99.05 | 102.82 | 98.44 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 99.0 | 99.3 | 99.2 | | | | | | | |
| mediana | | | | 98.9 | 98.4 | 98.8 | | | | | | | |
| odchylenie standardowe | | | | 1.9 | 3.9 | 2.3 | | | | | | | |
| min. | | | | 96.1 | 96.2 | 95.8 | | | | | | | |
| maks. | | | | 106.0 | 115.6 | 104.0 | | | | | | | |

| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
|--|------------------------|------------------------------|-----------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| TABELA 4.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | | |
| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | Strumień światlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 1300001078A6031C | D1 | 390.84 | 3.35 | 97.4 | 97.2 | 97.2 | 97.0 | 96.9 | 96.9 | 96.8 | 96.5 | 96.3 | 96.2 | 96.1 |
| | D2 | 391.01 | 3.41 | 96.4 | 96.2 | 96.1 | 95.9 | 95.7 | 95.6 | 95.6 | 95.3 | 95.0 | 94.9 | 94.7 |
| | D3 | 393.08 | 3.47 | 99.4 | 99.3 | 99.2 | 99.2 | 99.1 | 99.0 | 99.1 | 98.8 | 98.6 | 98.5 | 98.4 |
| | D4 | 394.04 | 3.53 | 100.6 | 100.6 | 100.5 | 100.5 | 100.4 | 100.5 | 100.5 | 100.3 | 100.1 | 100.0 | 100.0 |
| | D5 | 390.62 | 3.53 | 99.9 | 99.9 | 99.9 | 99.8 | 99.7 | 99.7 | 99.7 | 99.5 | 99.3 | 99.3 | 99.3 |
| | D6 | 393.15 | 3.54 | 98.9 | 98.9 | 98.8 | 98.7 | 98.7 | 98.7 | 98.8 | 98.5 | 98.4 | 97.6 | 96.9 |
| | D7 | 385.92 | 3.46 | 96.5 | 96.3 | 96.2 | 96.0 | 95.8 | 95.7 | 95.7 | 95.4 | 95.1 | 95.0 | 94.9 |
| | D8 | 395.82 | 3.60 | 99.5 | 99.5 | 99.5 | 99.4 | 99.4 | 99.4 | 99.5 | 99.3 | 99.1 | 99.0 | 99.0 |
| | D9 | 393.70 | 3.64 | 100.7 | 100.7 | 100.7 | 100.5 | 100.5 | 100.5 | 100.5 | 100.3 | 100.1 | 100.1 | 100.1 |
| | D10 | 391.64 | 3.56 | 100.2 | 100.2 | 100.2 | 100.1 | 100.0 | 100.0 | 100.1 | 99.9 | 99.7 | 99.6 | 99.6 |
| | D11 | 388.70 | 3.62 | 100.5 | 100.5 | 100.5 | 100.4 | 100.3 | 100.4 | 100.5 | 100.2 | 100.0 | 100.0 | 100.0 |
| | D12 | 396.11 | 3.58 | 100.3 | 100.3 | 100.3 | 100.2 | 100.1 | 100.1 | 100.2 | 100.0 | 99.8 | 99.7 | 99.8 |
| DE00001081CE031C | D1 | 398.03 | 3.37 | 100.2 | 100.2 | 100.2 | 100.1 | 100.0 | 100.0 | 100.1 | 99.9 | 99.7 | 99.5 | 99.5 |
| | D2 | 392.93 | 3.46 | 100.7 | 100.6 | 100.6 | 100.6 | 100.5 | 100.5 | 100.6 | 100.4 | 100.2 | 100.1 | 99.8 |
| | D3 | 384.56 | 3.68 | 101.3 | 101.2 | 101.2 | 101.1 | 101.0 | 101.0 | 101.1 | 100.8 | 100.6 | 100.4 | 100.3 |
| | D4 | 384.42 | 3.62 | 101.3 | 101.3 | 101.2 | 101.1 | 101.0 | 101.1 | 101.1 | 100.9 | 100.7 | 100.5 | 100.4 |
| | D5 | 388.80 | 3.53 | 96.7 | 96.7 | 96.6 | 96.5 | 96.4 | 96.3 | 96.3 | 96.0 | 95.8 | 95.8 | 95.7 |
| | D6 | 390.23 | 3.65 | 100.2 | 100.2 | 100.2 | 100.1 | 100.0 | 100.0 | 100.1 | 100.0 | 99.8 | 99.7 | 99.6 |
| | D7 | 392.65 | 3.50 | 99.4 | 99.4 | 99.3 | 99.3 | 99.2 | 99.2 | 99.3 | 99.0 | 98.8 | 98.7 | 98.7 |
| | D8 | 393.09 | 3.56 | 100.6 | 100.5 | 100.5 | 100.4 | 100.3 | 100.4 | 100.4 | 100.2 | 100.0 | 99.9 | 99.9 |
| | D9 | 396.21 | 3.64 | 100.0 | 99.9 | 99.9 | 99.8 | 99.7 | 99.7 | 99.8 | 99.6 | 99.3 | 99.2 | 99.2 |
| | D10 | 392.07 | 3.55 | 97.9 | 97.8 | 97.7 | 97.5 | 97.5 | 97.4 | 97.4 | 97.1 | 96.9 | 96.7 | 96.6 |
| | D11 | 401.96 | 3.58 | 99.2 | 99.2 | 99.1 | 99.0 | 99.0 | 99.0 | 99.1 | 98.8 | 98.6 | 98.6 | 98.6 |
| | D12 | 389.83 | 3.56 | 99.6 | 99.6 | 99.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.2 | 99.0 | 98.9 | 98.9 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | n | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| | średnia | | | 99.5 | 99.4 | 99.4 | 99.3 | 99.2 | 99.2 | 99.2 | 99.0 | 98.8 | 98.7 | 98.6 |
| | mediana | | | 100.0 | 99.9 | 99.9 | 99.8 | 99.7 | 99.7 | 99.8 | 99.5 | 99.3 | 99.3 | 99.2 |
| | odchylenie standardowe | | | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.8 |
| | min. maks. | | | 96.4 101.3 | 96.2 101.3 | 96.1 101.2 | 95.9 101.1 | 95.7 101.0 | 95.6 101.1 | 95.6 101.1 | 95.3 100.9 | 95.0 100.7 | 94.9 100.5 | 94.7 100.4 |

| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | |
|--|------------------|------------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 4.0 - WYNIKI UTRZYMANIA STRUMIENIA ŚWIETLNEGO | | | | | | | | | | | | | |
| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | Strumień świetlny (lm) | Vf (V) | Utrzymanie strumienia świetlnego (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 1300001078A6031C | D1 | 390.84 | 3.35 | 95.9 | 95.7 | 95.6 | | | | | | | |
| | D2 | 391.01 | 3.41 | 94.6 | 94.2 | 94.2 | | | | | | | |
| | D3 | 393.08 | 3.47 | 98.2 | 98.0 | 97.9 | | | | | | | |
| | D4 | 394.04 | 3.53 | 99.9 | 99.7 | 99.6 | | | | | | | |
| | D5 | 390.62 | 3.53 | 99.2 | 98.9 | 98.9 | | | | | | | |
| | D6 | 393.15 | 3.54 | 97.0 | 94.5 | 94.3 | | | | | | | |
| | D7 | 385.92 | 3.46 | 94.7 | 94.5 | 94.4 | | | | | | | |
| | D8 | 395.82 | 3.60 | 98.9 | 98.7 | 98.7 | | | | | | | |
| | D9 | 393.70 | 3.64 | 100.0 | 99.8 | 99.8 | | | | | | | |
| | D10 | 391.64 | 3.56 | 99.5 | 99.3 | 99.3 | | | | | | | |
| | D11 | 388.70 | 3.62 | 99.8 | 99.7 | 99.6 | | | | | | | |
| | D12 | 396.11 | 3.58 | 99.6 | 99.4 | 99.4 | | | | | | | |
| DE00001081CE031C | D1 | 398.03 | 3.37 | 99.4 | 99.2 | 99.1 | | | | | | | |
| | D2 | 392.93 | 3.46 | 99.7 | 99.5 | 99.4 | | | | | | | |
| | D3 | 384.56 | 3.68 | 100.1 | 100.0 | 99.8 | | | | | | | |
| | D4 | 384.42 | 3.62 | 100.3 | 100.1 | 100.0 | | | | | | | |
| | D5 | 388.80 | 3.53 | 95.5 | 95.3 | 95.1 | | | | | | | |
| | D6 | 390.23 | 3.65 | 99.5 | 99.3 | 99.3 | | | | | | | |
| | D7 | 392.65 | 3.50 | 98.5 | 98.4 | 98.3 | | | | | | | |
| | D8 | 393.09 | 3.56 | 99.8 | 99.6 | 99.5 | | | | | | | |
| | D9 | 396.21 | 3.64 | 99.0 | 98.9 | 98.8 | | | | | | | |
| | D10 | 392.07 | 3.55 | 96.5 | 96.3 | 96.1 | | | | | | | |
| | D11 | 401.96 | 3.58 | 98.4 | 98.3 | 98.1 | | | | | | | |
| | D12 | 389.83 | 3.56 | 98.8 | 98.6 | 98.5 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 98.4 | 98.2 | 98.1 | | | | | | | |
| mediana | | | | 99.1 | 98.9 | 98.8 | | | | | | | |
| odchylenie standardowe | | | | 1.8 | 1.9 | 1.9 | | | | | | | |
| min. | | | | 94.6 | 94.2 | 94.2 | | | | | | | |
| maks. | | | | 100.3 | 100.1 | 100.0 | | | | | | | |

| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
|--|------------------|---------------------------|--------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 4.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO | | | | | | | | | | | | | | |
| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | Strumień energetyczny (W) | VF (V) | Utrzymanie strumienia energetycznego (%) | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 1300001078A6031C | D1 | 1.1814 | 3.35 | 98.6 | 98.2 | 98.0 | 98.0 | 97.6 | 97.4 | 97.3 | 97.3 | 97.1 | 97.1 | 97.0 |
| | D2 | 1.1796 | 3.41 | 98.5 | 97.9 | 97.7 | 97.4 | 97.0 | 96.8 | 96.6 | 96.5 | 96.3 | 96.3 | 96.1 |
| | D3 | 1.1864 | 3.47 | 99.9 | 99.6 | 99.5 | 99.5 | 99.2 | 99.1 | 99.0 | 99.0 | 98.9 | 99.0 | 98.9 |
| | D4 | 1.1864 | 3.53 | 100.1 | 100.1 | 100.1 | 100.1 | 100.0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.1 | 100.1 |
| | D5 | 1.1852 | 3.53 | 99.8 | 99.6 | 99.6 | 99.6 | 99.4 | 99.4 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| | D6 | 1.1863 | 3.54 | 98.9 | 98.6 | 98.6 | 98.6 | 98.4 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.4 |
| | D7 | 1.1706 | 3.46 | 98.6 | 98.0 | 97.7 | 97.5 | 97.1 | 96.8 | 96.7 | 96.6 | 96.4 | 96.4 | 96.2 |
| | D8 | 1.2006 | 3.60 | 99.2 | 99.0 | 99.0 | 99.1 | 98.9 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| | D9 | 1.1891 | 3.64 | 100.2 | 100.1 | 100.2 | 100.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.1 | 100.0 |
| | D10 | 1.1878 | 3.56 | 99.9 | 99.7 | 99.8 | 99.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.7 |
| | D11 | 1.1776 | 3.62 | 100.1 | 100.0 | 100.1 | 100.0 | 99.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| | D12 | 1.1929 | 3.58 | 100.0 | 99.8 | 99.9 | 100.0 | 99.8 | 99.7 | 99.8 | 99.7 | 99.8 | 99.9 | 99.9 |
| DE00001081CE031C | D1 | 1.2079 | 3.37 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.7 |
| | D2 | 1.1805 | 3.46 | 100.3 | 100.3 | 100.3 | 100.3 | 100.1 | 100.0 | 100.1 | 100.1 | 100.1 | 100.2 | 100.1 |
| | D3 | 1.1627 | 3.68 | 101.0 | 101.0 | 100.9 | 101.0 | 100.7 | 100.6 | 100.6 | 100.6 | 100.5 | 100.6 | 100.5 |
| | D4 | 1.1650 | 3.62 | 100.7 | 100.7 | 100.7 | 100.7 | 100.5 | 100.4 | 100.5 | 100.4 | 100.4 | 100.5 | 100.5 |
| | D5 | 1.1770 | 3.53 | 98.1 | 97.7 | 97.4 | 97.4 | 97.0 | 96.7 | 96.8 | 96.6 | 96.5 | 96.5 | 96.3 |
| | D6 | 1.1791 | 3.65 | 99.7 | 99.5 | 99.6 | 99.6 | 99.4 | 99.3 | 99.5 | 99.4 | 99.5 | 99.6 | 99.5 |
| | D7 | 1.1896 | 3.50 | 99.4 | 99.2 | 99.1 | 99.1 | 98.8 | 98.7 | 98.8 | 98.7 | 98.7 | 98.8 | 98.7 |
| | D8 | 1.1869 | 3.56 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 99.8 | 99.9 | 99.8 | 99.8 | 100.0 | 99.9 |
| | D9 | 1.1997 | 3.64 | 99.7 | 99.6 | 99.6 | 99.8 | 99.5 | 99.4 | 99.5 | 99.4 | 99.4 | 99.5 | 99.4 |
| | D10 | 1.1837 | 3.55 | 99.2 | 98.8 | 98.6 | 98.5 | 98.1 | 97.9 | 97.9 | 97.7 | 97.7 | 97.7 | 97.6 |
| | D11 | 1.2185 | 3.58 | 99.4 | 99.2 | 99.1 | 99.1 | 98.8 | 98.7 | 98.8 | 98.7 | 98.7 | 98.8 | 98.7 |
| | D12 | 1.1847 | 3.56 | 99.5 | 99.4 | 99.3 | 99.3 | 99.2 | 99.1 | 99.2 | 99.0 | 99.0 | 99.2 | 99.1 |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 99.6 | 99.4 | 99.4 | 99.4 | 99.1 | 99.0 | 99.0 | 99.0 | 98.9 | 99.0 | 98.9 |
| mediana | | | | 99.7 | 99.6 | 99.6 | 99.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.4 |
| odchylenie standardowe | | | | 0.7 | 0.9 | 0.9 | 1.0 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 |
| min. | | | | 98.1 | 97.7 | 97.4 | 97.4 | 97.0 | 96.7 | 96.6 | 96.5 | 96.3 | 96.3 | 96.1 |
| maks. | | | | 101.0 | 101.0 | 100.9 | 101.0 | 100.7 | 100.6 | 100.6 | 100.6 | 100.5 | 100.6 | 100.5 |

| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
|--|------------------|-------------------------------------|------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 4.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO | | | | | | | | | | | | | | |
| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | Strumień energetyczny (W) VF (V) | | Utrzymanie strumienia energetycznego (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 1300001078A6031C | D1 | 1.1814 | 3.35 | 96.9 | 96.8 | 96.7 | 96.5 | 96.3 | 96.3 | 96.2 | 95.9 | 95.6 | 95.6 | 95.5 |
| | D2 | 1.1796 | 3.41 | 96.0 | 95.8 | 95.6 | 95.5 | 95.2 | 95.2 | 95.1 | 94.8 | 94.5 | 94.3 | 94.2 |
| | D3 | 1.1864 | 3.47 | 98.8 | 98.7 | 98.6 | 98.5 | 98.5 | 98.4 | 98.4 | 98.1 | 97.9 | 97.7 | 97.6 |
| | D4 | 1.1864 | 3.53 | 100.0 | 100.0 | 99.9 | 99.8 | 99.8 | 99.8 | 99.8 | 99.6 | 99.3 | 99.2 | 99.2 |
| | D5 | 1.1852 | 3.53 | 99.4 | 99.2 | 99.2 | 99.1 | 99.0 | 99.0 | 99.0 | 98.7 | 98.5 | 98.5 | 98.5 |
| | D6 | 1.1863 | 3.54 | 98.4 | 98.3 | 98.3 | 98.1 | 98.1 | 98.0 | 98.1 | 97.8 | 97.7 | 96.9 | 96.2 |
| | D7 | 1.1706 | 3.46 | 96.1 | 95.9 | 95.8 | 95.5 | 95.4 | 95.3 | 95.2 | 94.9 | 94.7 | 94.5 | 94.4 |
| | D8 | 1.2006 | 3.60 | 99.0 | 99.0 | 98.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.6 | 98.4 | 98.3 | 98.3 |
| | D9 | 1.1891 | 3.64 | 100.1 | 100.0 | 99.9 | 99.8 | 99.7 | 99.7 | 99.7 | 99.4 | 99.3 | 99.3 | 99.3 |
| | D10 | 1.1878 | 3.56 | 99.6 | 99.6 | 99.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.1 | 99.0 | 98.9 | 98.8 |
| | D11 | 1.1776 | 3.62 | 99.9 | 99.9 | 99.8 | 99.7 | 99.6 | 99.6 | 99.7 | 99.5 | 99.2 | 99.2 | 99.2 |
| | D12 | 1.1929 | 3.58 | 99.8 | 99.8 | 99.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.4 | 99.2 | 99.1 | 99.1 |
| DE00001081CE031C | D1 | 1.2079 | 3.37 | 99.7 | 99.7 | 99.6 | 99.5 | 99.4 | 99.5 | 99.4 | 99.3 | 99.0 | 98.8 | 98.8 |
| | D2 | 1.1805 | 3.46 | 100.2 | 100.1 | 100.1 | 100.0 | 99.9 | 99.9 | 99.9 | 99.7 | 99.5 | 99.4 | 99.1 |
| | D3 | 1.1627 | 3.68 | 100.4 | 100.4 | 100.3 | 100.2 | 100.1 | 100.1 | 100.1 | 99.8 | 99.5 | 99.4 | 99.3 |
| | D4 | 1.1650 | 3.62 | 100.5 | 100.4 | 100.3 | 100.2 | 100.1 | 100.2 | 100.1 | 99.9 | 99.7 | 99.5 | 99.4 |
| | D5 | 1.1770 | 3.53 | 96.3 | 96.2 | 96.1 | 96.0 | 95.8 | 95.8 | 95.8 | 95.5 | 95.2 | 95.2 | 95.1 |
| | D6 | 1.1791 | 3.65 | 99.6 | 99.5 | 99.5 | 99.4 | 99.3 | 99.3 | 99.4 | 99.2 | 98.9 | 98.9 | 98.8 |
| | D7 | 1.1896 | 3.50 | 98.7 | 98.7 | 98.6 | 98.5 | 98.4 | 98.4 | 98.4 | 98.2 | 98.0 | 97.8 | 97.8 |
| | D8 | 1.1869 | 3.56 | 99.9 | 99.9 | 99.8 | 99.7 | 99.5 | 99.6 | 99.6 | 99.4 | 99.2 | 99.1 | 99.1 |
| | D9 | 1.1997 | 3.64 | 99.4 | 99.4 | 99.3 | 99.2 | 99.0 | 99.1 | 99.1 | 98.8 | 98.6 | 98.5 | 98.4 |
| | D10 | 1.1837 | 3.55 | 97.4 | 97.4 | 97.2 | 97.1 | 96.9 | 96.9 | 96.8 | 96.6 | 96.3 | 96.1 | 96.0 |
| | D11 | 1.2185 | 3.58 | 98.7 | 98.7 | 98.5 | 98.5 | 98.4 | 98.4 | 98.4 | 98.1 | 97.9 | 97.9 | 97.8 |
| | D12 | 1.1847 | 3.56 | 99.1 | 99.1 | 99.0 | 98.9 | 98.7 | 98.8 | 98.8 | 98.5 | 98.4 | 98.2 | 98.2 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 98.9 | 98.8 | 98.8 | 98.6 | 98.5 | 98.5 | 98.5 | 98.3 | 98.1 | 97.9 | 97.8 |
| mediana | | | | 99.4 | 99.3 | 99.3 | 99.1 | 99.0 | 99.0 | 99.0 | 98.8 | 98.6 | 98.5 | 98.4 |
| odchylenie standardowe | | | | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 |
| min. | | | | 96.0 | 95.8 | 95.6 | 95.5 | 95.2 | 95.2 | 95.1 | 94.8 | 94.5 | 94.3 | 94.2 |
| maks. | | | | 100.5 | 100.4 | 100.3 | 100.2 | 100.1 | 100.2 | 100.1 | 99.9 | 99.7 | 99.5 | 99.4 |

| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | |
|--|------------------|---------------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 4.1 - WYNIKI UTRZYMANIA STRUMIENIA ENERGETYCZNEGO | | | | | | | | | | | | | |
| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | Strumień energetyczny (W) | VF (V) | Utrzymanie strumienia energetycznego (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 1300001078A6031C | D1 | 1.1814 | 3.35 | 95.2 | 95.0 | 94.8 | | | | | | | |
| | D2 | 1.1796 | 3.41 | 93.9 | 93.5 | 93.5 | | | | | | | |
| | D3 | 1.1864 | 3.47 | 97.4 | 97.1 | 97.1 | | | | | | | |
| | D4 | 1.1864 | 3.53 | 99.0 | 98.8 | 98.7 | | | | | | | |
| | D5 | 1.1852 | 3.53 | 98.3 | 98.0 | 97.9 | | | | | | | |
| | D6 | 1.1863 | 3.54 | 96.3 | 93.8 | 93.7 | | | | | | | |
| | D7 | 1.1706 | 3.46 | 94.1 | 93.9 | 93.8 | | | | | | | |
| | D8 | 1.2006 | 3.60 | 98.1 | 97.8 | 97.9 | | | | | | | |
| | D9 | 1.1891 | 3.64 | 99.0 | 98.9 | 98.8 | | | | | | | |
| | D10 | 1.1878 | 3.56 | 98.7 | 98.5 | 98.4 | | | | | | | |
| | D11 | 1.1776 | 3.62 | 98.9 | 98.8 | 98.7 | | | | | | | |
| | D12 | 1.1929 | 3.58 | 98.9 | 98.7 | 98.6 | | | | | | | |
| DE00001081CE031C | D1 | 1.2079 | 3.37 | 98.6 | 98.4 | 98.3 | | | | | | | |
| | D2 | 1.1805 | 3.46 | 98.9 | 98.7 | 98.6 | | | | | | | |
| | D3 | 1.1627 | 3.68 | 99.0 | 98.9 | 98.7 | | | | | | | |
| | D4 | 1.1650 | 3.62 | 99.2 | 99.0 | 98.9 | | | | | | | |
| | D5 | 1.1770 | 3.53 | 94.8 | 94.6 | 94.5 | | | | | | | |
| | D6 | 1.1791 | 3.65 | 98.6 | 98.4 | 98.3 | | | | | | | |
| | D7 | 1.1896 | 3.50 | 97.6 | 97.4 | 97.4 | | | | | | | |
| | D8 | 1.1869 | 3.56 | 98.8 | 98.6 | 98.5 | | | | | | | |
| | D9 | 1.1997 | 3.64 | 98.2 | 98.0 | 97.9 | | | | | | | |
| | D10 | 1.1837 | 3.55 | 95.8 | 95.6 | 95.4 | | | | | | | |
| | D11 | 1.2185 | 3.58 | 97.6 | 97.4 | 97.3 | | | | | | | |
| | D12 | 1.1847 | 3.56 | 98.0 | 97.8 | 97.7 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 97.6 | 97.3 | 97.2 | | | | | | | |
| mediana | | | | 98.2 | 98.0 | 97.9 | | | | | | | |
| odchylenie standardowe | | | | 1.7 | 1.8 | 1.8 | | | | | | | |
| min. | | | | 93.9 | 93.5 | 93.5 | | | | | | | |
| maks. | | | | 99.2 | 99.0 | 98.9 | | | | | | | |

| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TABELA 4.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW GW CSSRM2.EM | | | | | | | | | | | | | | |
| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 1300001078A6031C | D1 | 5.4609 | 3.35 | 96.9 | 96.7 | 96.6 | 96.5 | 96.3 | 96.3 | 96.2 | 95.9 | 95.6 | 95.6 | 95.4 |
| | D2 | 5.4494 | 3.41 | 95.9 | 95.8 | 95.6 | 95.4 | 95.2 | 95.1 | 95.1 | 94.8 | 94.5 | 94.3 | 94.1 |
| | D3 | 5.4796 | 3.47 | 98.8 | 98.7 | 98.6 | 98.5 | 98.4 | 98.3 | 98.3 | 98.1 | 97.8 | 97.7 | 97.6 |
| | D4 | 5.4785 | 3.53 | 100.0 | 99.9 | 99.9 | 99.8 | 99.7 | 99.8 | 99.8 | 99.6 | 99.3 | 99.2 | 99.2 |
| | D5 | 5.4764 | 3.53 | 99.3 | 99.2 | 99.2 | 99.1 | 98.9 | 98.9 | 98.9 | 98.7 | 98.5 | 98.5 | 98.4 |
| | D6 | 5.4855 | 3.54 | 98.3 | 98.3 | 98.2 | 98.1 | 98.0 | 98.0 | 98.1 | 97.8 | 97.6 | 96.9 | 96.2 |
| | D7 | 5.4130 | 3.46 | 96.0 | 95.9 | 95.7 | 95.5 | 95.4 | 95.3 | 95.2 | 94.9 | 94.6 | 94.5 | 94.4 |
| | D8 | 5.5403 | 3.60 | 98.9 | 98.9 | 98.9 | 98.8 | 98.8 | 98.8 | 98.8 | 98.6 | 98.4 | 98.3 | 98.2 |
| | D9 | 5.4891 | 3.64 | 100.0 | 100.0 | 99.9 | 99.8 | 99.7 | 99.7 | 99.7 | 99.5 | 99.3 | 99.3 | 99.3 |
| | D10 | 5.4886 | 3.56 | 99.6 | 99.6 | 99.5 | 99.4 | 99.4 | 99.3 | 99.4 | 99.2 | 98.9 | 98.8 | 98.8 |
| | D11 | 5.4471 | 3.62 | 99.8 | 99.8 | 99.8 | 99.7 | 99.6 | 99.6 | 99.7 | 99.4 | 99.2 | 99.2 | 99.1 |
| | D12 | 5.5065 | 3.58 | 99.8 | 99.8 | 99.7 | 99.6 | 99.5 | 99.5 | 99.6 | 99.3 | 99.2 | 99.0 | 99.0 |
| DE00001081CE031C | D1 | 5.5591 | 3.37 | 99.6 | 99.6 | 99.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.2 | 99.0 | 98.8 | 98.7 |
| | D2 | 5.4551 | 3.46 | 100.1 | 100.1 | 100.0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.7 | 99.5 | 99.4 | 99.0 |
| | D3 | 5.3769 | 3.68 | 100.4 | 100.4 | 100.3 | 100.2 | 100.1 | 100.1 | 100.1 | 99.8 | 99.6 | 99.4 | 99.3 |
| | D4 | 5.3844 | 3.62 | 100.5 | 100.4 | 100.3 | 100.3 | 100.2 | 100.2 | 100.2 | 99.9 | 99.7 | 99.5 | 99.5 |
| | D5 | 5.4382 | 3.53 | 96.2 | 96.2 | 96.1 | 96.0 | 95.8 | 95.8 | 95.7 | 95.4 | 95.2 | 95.2 | 95.0 |
| | D6 | 5.4421 | 3.65 | 99.5 | 99.5 | 99.4 | 99.4 | 99.3 | 99.3 | 99.3 | 99.2 | 98.9 | 98.8 | 98.8 |
| | D7 | 5.5000 | 3.50 | 98.7 | 98.7 | 98.6 | 98.5 | 98.4 | 98.4 | 98.4 | 98.2 | 98.0 | 97.9 | 97.8 |
| | D8 | 5.4790 | 3.56 | 99.9 | 99.9 | 99.8 | 99.7 | 99.6 | 99.6 | 99.6 | 99.4 | 99.2 | 99.1 | 99.1 |
| | D9 | 5.5292 | 3.64 | 99.3 | 99.3 | 99.2 | 99.1 | 99.0 | 99.0 | 99.0 | 98.8 | 98.6 | 98.4 | 98.3 |
| | D10 | 5.4589 | 3.55 | 97.4 | 97.3 | 97.2 | 97.0 | 96.9 | 96.8 | 96.8 | 96.5 | 96.2 | 96.1 | 96.0 |
| | D11 | 5.6112 | 3.58 | 98.6 | 98.6 | 98.5 | 98.4 | 98.3 | 98.3 | 98.3 | 98.1 | 97.9 | 97.9 | 97.8 |
| | D12 | 5.4716 | 3.56 | 99.0 | 99.0 | 98.9 | 98.8 | 98.7 | 98.7 | 98.7 | 98.5 | 98.4 | 98.2 | 98.2 |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 98.9 | 98.8 | 98.7 | 98.6 | 98.5 | 98.5 | 98.5 | 98.3 | 98.0 | 97.9 | 97.8 |
| mediana | | | | 99.3 | 99.2 | 99.2 | 99.1 | 99.0 | 99.0 | 99.0 | 98.8 | 98.5 | 98.4 | 98.4 |
| odchylenie standardowe | | | | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 |
| min. | | | | 95.9 | 95.8 | 95.6 | 95.4 | 95.2 | 95.1 | 95.1 | 94.8 | 94.5 | 94.3 | 94.1 |
| maks. | | | | 100.5 | 100.4 | 100.3 | 100.3 | 100.2 | 100.2 | 100.2 | 99.9 | 99.7 | 99.5 | 99.5 |

| Warunek badania 3105 °c1.050 A | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|-------|-------|--|--|--|--|--|--|--|
| TABELA 4.2 - WYNIKI UTRZYMANIA FOTOSYNTETYCZNEGO STRUMIENIA FOTONÓW | | | | | | | | | | | | | |
| Warunek badania 3105 °c1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | PPF (μmol/s) | VF (V) | Utrzymanie fotosyntetycznego strumienia fotonów (%) | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 1300001078A6031C | D1 | 5.4609 | 3.35 | 95.2 | 95.0 | 94.8 | | | | | | | |
| | D2 | 5.4494 | 3.41 | 93.9 | 93.5 | 93.5 | | | | | | | |
| | D3 | 5.4796 | 3.47 | 97.4 | 97.1 | 97.1 | | | | | | | |
| | D4 | 5.4785 | 3.53 | 99.0 | 98.8 | 98.8 | | | | | | | |
| | D5 | 5.4764 | 3.53 | 98.2 | 98.0 | 97.9 | | | | | | | |
| | D6 | 5.4855 | 3.54 | 96.2 | 93.8 | 93.7 | | | | | | | |
| | D7 | 5.4130 | 3.46 | 94.1 | 93.9 | 93.8 | | | | | | | |
| | D8 | 5.5403 | 3.60 | 98.1 | 97.9 | 97.9 | | | | | | | |
| | D9 | 5.4891 | 3.64 | 99.1 | 98.9 | 98.9 | | | | | | | |
| | D10 | 5.4886 | 3.56 | 98.7 | 98.4 | 98.4 | | | | | | | |
| | D11 | 5.4471 | 3.62 | 98.9 | 98.8 | 98.8 | | | | | | | |
| | D12 | 5.5065 | 3.58 | 98.9 | 98.6 | 98.6 | | | | | | | |
| DE00001081CE031C | D1 | 5.5591 | 3.37 | 98.6 | 98.4 | 98.3 | | | | | | | |
| | D2 | 5.4551 | 3.46 | 98.9 | 98.7 | 98.6 | | | | | | | |
| | D3 | 5.3769 | 3.68 | 99.1 | 98.9 | 98.8 | | | | | | | |
| | D4 | 5.3844 | 3.62 | 99.2 | 99.1 | 99.0 | | | | | | | |
| | D5 | 5.4382 | 3.53 | 94.8 | 94.6 | 94.5 | | | | | | | |
| | D6 | 5.4421 | 3.65 | 98.6 | 98.4 | 98.3 | | | | | | | |
| | D7 | 5.5000 | 3.50 | 97.6 | 97.5 | 97.4 | | | | | | | |
| | D8 | 5.4790 | 3.56 | 98.9 | 98.7 | 98.6 | | | | | | | |
| | D9 | 5.5292 | 3.64 | 98.1 | 98.0 | 97.9 | | | | | | | |
| | D10 | 5.4589 | 3.55 | 95.7 | 95.5 | 95.4 | | | | | | | |
| | D11 | 5.6112 | 3.58 | 97.6 | 97.4 | 97.3 | | | | | | | |
| | D12 | 5.4716 | 3.56 | 98.0 | 97.8 | 97.8 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 97.6 | 97.3 | 97.3 | | | | | | | |
| mediana | | | | 98.2 | 98.0 | 97.9 | | | | | | | |
| odchylenie standardowe | | | | 1.7 | 1.8 | 1.8 | | | | | | | |
| min. | | | | 93.9 | 93.5 | 93.5 | | | | | | | |
| maks. | | | | 99.2 | 99.1 | 99.0 | | | | | | | |

| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
|---|------------------|------------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 4.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 1300001078A6031C | D1 | | 0.2354 | 0.2344 | 0.2343 | 0.2343 | 0.2342 | 0.2342 | 0.2341 | 0.2342 | 0.2341 | 0.2341 | 0.2340 | 0.2341 | |
| | D2 | | 0.2339 | 0.2330 | 0.2329 | 0.2328 | 0.2328 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | |
| | D3 | | 0.2340 | 0.2329 | 0.2328 | 0.2327 | 0.2326 | 0.2326 | 0.2325 | 0.2325 | 0.2324 | 0.2325 | 0.2325 | 0.2324 | |
| | D4 | | 0.2332 | 0.2322 | 0.2321 | 0.2321 | 0.2321 | 0.2320 | 0.2320 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2319 | |
| | D5 | | 0.2353 | 0.2340 | 0.2339 | 0.2338 | 0.2337 | 0.2336 | 0.2336 | 0.2336 | 0.2335 | 0.2335 | 0.2335 | 0.2335 | |
| | D6 | | 0.2349 | 0.2339 | 0.2337 | 0.2337 | 0.2335 | 0.2335 | 0.2335 | 0.2334 | 0.2334 | 0.2334 | 0.2334 | 0.2334 | |
| | D7 | | 0.2363 | 0.2354 | 0.2353 | 0.2353 | 0.2352 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | |
| | D8 | | 0.2338 | 0.2328 | 0.2327 | 0.2327 | 0.2326 | 0.2325 | 0.2325 | 0.2325 | 0.2324 | 0.2324 | 0.2324 | 0.2324 | |
| | D9 | | 0.2334 | 0.2324 | 0.2323 | 0.2322 | 0.2321 | 0.2320 | 0.2321 | 0.2321 | 0.2320 | 0.2320 | 0.2320 | 0.2320 | |
| | D10 | | 0.2354 | 0.2345 | 0.2344 | 0.2344 | 0.2343 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2341 | |
| | D11 | | 0.2362 | 0.2350 | 0.2349 | 0.2348 | 0.2347 | 0.2347 | 0.2346 | 0.2347 | 0.2346 | 0.2346 | 0.2346 | 0.2345 | |
| | D12 | | 0.2327 | 0.2318 | 0.2316 | 0.2316 | 0.2315 | 0.2314 | 0.2314 | 0.2314 | 0.2313 | 0.2313 | 0.2313 | 0.2313 | |
| DE00001081CE031C | D1 | | 0.2306 | 0.2297 | 0.2295 | 0.2295 | 0.2294 | 0.2294 | 0.2293 | 0.2293 | 0.2293 | 0.2293 | 0.2293 | 0.2292 | |
| | D2 | | 0.2336 | 0.2327 | 0.2325 | 0.2324 | 0.2324 | 0.2323 | 0.2322 | 0.2323 | 0.2322 | 0.2322 | 0.2322 | 0.2322 | |
| | D3 | | 0.2356 | 0.2346 | 0.2344 | 0.2344 | 0.2344 | 0.2343 | 0.2342 | 0.2343 | 0.2343 | 0.2342 | 0.2342 | 0.2342 | |
| | D4 | | 0.2359 | 0.2350 | 0.2349 | 0.2349 | 0.2348 | 0.2347 | 0.2347 | 0.2347 | 0.2347 | 0.2347 | 0.2346 | 0.2346 | |
| | D5 | | 0.2349 | 0.2342 | 0.2340 | 0.2340 | 0.2340 | 0.2339 | 0.2338 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | 0.2338 | |
| | D6 | | 0.2330 | 0.2321 | 0.2319 | 0.2319 | 0.2319 | 0.2318 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | 0.2317 | |
| | D7 | | 0.2357 | 0.2347 | 0.2346 | 0.2345 | 0.2345 | 0.2344 | 0.2344 | 0.2344 | 0.2344 | 0.2343 | 0.2343 | 0.2343 | |
| | D8 | | 0.2337 | 0.2327 | 0.2326 | 0.2325 | 0.2325 | 0.2324 | 0.2323 | 0.2324 | 0.2324 | 0.2323 | 0.2323 | 0.2323 | |
| | D9 | | 0.2321 | 0.2310 | 0.2308 | 0.2307 | 0.2307 | 0.2306 | 0.2305 | 0.2305 | 0.2305 | 0.2305 | 0.2304 | 0.2304 | |
| | D10 | | 0.2321 | 0.2310 | 0.2309 | 0.2308 | 0.2308 | 0.2307 | 0.2306 | 0.2307 | 0.2307 | 0.2306 | 0.2306 | 0.2306 | |
| | D11 | | 0.2311 | 0.2301 | 0.2300 | 0.2299 | 0.2298 | 0.2298 | 0.2297 | 0.2297 | 0.2297 | 0.2297 | 0.2297 | 0.2297 | |
| | D12 | | 0.2351 | 0.2342 | 0.2341 | 0.2340 | 0.2340 | 0.2339 | 0.2338 | 0.2339 | 0.2339 | 0.2339 | 0.2338 | 0.2338 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| średnia | | | | 0.2331 | 0.2330 | 0.2329 | 0.2329 | 0.2328 | 0.2327 | 0.2328 | 0.2327 | 0.2327 | 0.2327 | 0.2327 | |
| mediana | | | | 0.2330 | 0.2329 | 0.2328 | 0.2327 | 0.2327 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2325 | |
| odchylenie standardowe | | | | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | |
| min. | | | | 0.2297 | 0.2295 | 0.2295 | 0.2294 | 0.2294 | 0.2293 | 0.2293 | 0.2293 | 0.2293 | 0.2293 | 0.2292 | |
| maks. | | | | 0.2354 | 0.2353 | 0.2353 | 0.2352 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | 0.2351 | |

| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 4.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 1300001078A6031C | D1 | | 0.2354 | 0.2340 | 0.2340 | 0.2340 | 0.2340 | 0.2340 | 0.2340 | 0.2339 | 0.2341 | 0.2340 | 0.2340 | 0.2339 | |
| | D2 | | 0.2339 | 0.2327 | 0.2327 | 0.2327 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2327 | 0.2326 | 0.2326 | 0.2326 | |
| | D3 | | 0.2340 | 0.2324 | 0.2324 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2322 | 0.2323 | 0.2323 | 0.2322 | 0.2322 | |
| | D4 | | 0.2332 | 0.2319 | 0.2319 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | 0.2317 | 0.2318 | 0.2318 | 0.2318 | 0.2318 | |
| | D5 | | 0.2353 | 0.2335 | 0.2334 | 0.2334 | 0.2334 | 0.2334 | 0.2334 | 0.2333 | 0.2334 | 0.2334 | 0.2333 | 0.2332 | |
| | D6 | | 0.2349 | 0.2334 | 0.2334 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2333 | 0.2332 | 0.2332 | |
| | D7 | | 0.2363 | 0.2351 | 0.2351 | 0.2350 | 0.2351 | 0.2350 | 0.2350 | 0.2350 | 0.2351 | 0.2351 | 0.2351 | 0.2350 | |
| | D8 | | 0.2338 | 0.2324 | 0.2324 | 0.2323 | 0.2324 | 0.2323 | 0.2323 | 0.2322 | 0.2323 | 0.2323 | 0.2323 | 0.2322 | |
| | D9 | | 0.2334 | 0.2320 | 0.2319 | 0.2319 | 0.2319 | 0.2319 | 0.2319 | 0.2318 | 0.2319 | 0.2319 | 0.2317 | 0.2317 | |
| | D10 | | 0.2354 | 0.2341 | 0.2341 | 0.2341 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | 0.2341 | 0.2341 | 0.2340 | 0.2340 | |
| | D11 | | 0.2362 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2344 | 0.2344 | 0.2345 | 0.2344 | 0.2344 | |
| | D12 | | 0.2327 | 0.2313 | 0.2313 | 0.2313 | 0.2312 | 0.2313 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | 0.2312 | 0.2311 | |
| DE00001081CE031C | D1 | | 0.2306 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | |
| | D2 | | 0.2336 | 0.2322 | 0.2322 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | 0.2320 | 0.2321 | 0.2321 | 0.2321 | 0.2321 | |
| | D3 | | 0.2356 | 0.2342 | 0.2342 | 0.2341 | 0.2341 | 0.2341 | 0.2341 | 0.2341 | 0.2341 | 0.2342 | 0.2341 | 0.2341 | |
| | D4 | | 0.2359 | 0.2346 | 0.2346 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2345 | 0.2346 | 0.2345 | |
| | D5 | | 0.2349 | 0.2338 | 0.2337 | 0.2336 | 0.2336 | 0.2337 | 0.2337 | 0.2336 | 0.2337 | 0.2337 | 0.2336 | 0.2335 | |
| | D6 | | 0.2330 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | 0.2316 | |
| | D7 | | 0.2357 | 0.2343 | 0.2343 | 0.2343 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | 0.2342 | |
| | D8 | | 0.2337 | 0.2323 | 0.2322 | 0.2322 | 0.2322 | 0.2323 | 0.2323 | 0.2322 | 0.2322 | 0.2323 | 0.2322 | 0.2322 | |
| | D9 | | 0.2321 | 0.2304 | 0.2304 | 0.2304 | 0.2303 | 0.2303 | 0.2303 | 0.2303 | 0.2303 | 0.2303 | 0.2303 | 0.2303 | |
| | D10 | | 0.2321 | 0.2306 | 0.2306 | 0.2306 | 0.2305 | 0.2306 | 0.2305 | 0.2305 | 0.2306 | 0.2306 | 0.2306 | 0.2305 | |
| | D11 | | 0.2311 | 0.2296 | 0.2296 | 0.2296 | 0.2295 | 0.2296 | 0.2296 | 0.2295 | 0.2295 | 0.2296 | 0.2295 | 0.2294 | |
| | D12 | | 0.2351 | 0.2338 | 0.2338 | 0.2337 | 0.2338 | 0.2337 | 0.2338 | 0.2337 | 0.2337 | 0.2338 | 0.2337 | 0.2337 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| średnia | | | | 0.2327 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2326 | 0.2325 | 0.2326 | 0.2326 | 0.2326 | 0.2325 | |
| mediana | | | | 0.2325 | 0.2325 | 0.2325 | 0.2325 | 0.2324 | 0.2324 | 0.2324 | 0.2325 | 0.2325 | 0.2324 | 0.2324 | |
| odchylenie standardowe | | | | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | |
| min. | | | | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | 0.2292 | |
| maks. | | | | 0.2351 | 0.2351 | 0.2350 | 0.2351 | 0.2350 | 0.2350 | 0.2350 | 0.2351 | 0.2351 | 0.2351 | 0.2350 | |

| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--|--|--|--|--|--|--|--------------|--|
| TABELA 4.3 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI U' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | u' | | Współrzędna chromatyczności u' | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 1300001078A6031C | D1 | | 0.2354 | 0.2340 | 0.2340 | 0.2340 | | | | | | | | | |
| | D2 | | 0.2339 | 0.2326 | 0.2326 | 0.2327 | | | | | | | | | |
| | D3 | | 0.2340 | 0.2322 | 0.2322 | 0.2323 | | | | | | | | | |
| | D4 | | 0.2332 | 0.2317 | 0.2318 | 0.2318 | | | | | | | | | |
| | D5 | | 0.2353 | 0.2332 | 0.2333 | 0.2333 | | | | | | | | | |
| | D6 | | 0.2349 | 0.2330 | 0.2332 | 0.2332 | | | | | | | | | |
| | D7 | | 0.2363 | 0.2350 | 0.2350 | 0.2351 | | | | | | | | | |
| | D8 | | 0.2338 | 0.2323 | 0.2323 | 0.2323 | | | | | | | | | |
| | D9 | | 0.2334 | 0.2317 | 0.2317 | 0.2317 | | | | | | | | | |
| | D10 | | 0.2354 | 0.2340 | 0.2340 | 0.2340 | | | | | | | | | |
| | D11 | | 0.2362 | 0.2344 | 0.2344 | 0.2345 | | | | | | | | | |
| | D12 | | 0.2327 | 0.2312 | 0.2312 | 0.2312 | | | | | | | | | |
| DE00001081CE031C | D1 | | 0.2306 | 0.2291 | 0.2292 | 0.2292 | | | | | | | | | |
| | D2 | | 0.2336 | 0.2320 | 0.2321 | 0.2321 | | | | | | | | | |
| | D3 | | 0.2356 | 0.2341 | 0.2341 | 0.2342 | | | | | | | | | |
| | D4 | | 0.2359 | 0.2345 | 0.2345 | 0.2346 | | | | | | | | | |
| | D5 | | 0.2349 | 0.2335 | 0.2335 | 0.2336 | | | | | | | | | |
| | D6 | | 0.2330 | 0.2315 | 0.2316 | 0.2316 | | | | | | | | | |
| | D7 | | 0.2357 | 0.2342 | 0.2342 | 0.2343 | | | | | | | | | |
| | D8 | | 0.2337 | 0.2322 | 0.2322 | 0.2323 | | | | | | | | | |
| | D9 | | 0.2321 | 0.2303 | 0.2303 | 0.2303 | | | | | | | | | |
| | D10 | | 0.2321 | 0.2305 | 0.2306 | 0.2306 | | | | | | | | | |
| | D11 | | 0.2311 | 0.2294 | 0.2295 | 0.2295 | | | | | | | | | |
| | D12 | | 0.2351 | 0.2337 | 0.2337 | 0.2338 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 0.2325 | 0.2326 | 0.2326 | | | | | | | | | |
| mediana | | | | 0.2324 | 0.2324 | 0.2325 | | | | | | | | | |
| odchylenie standardowe | | | | 0.0016 | 0.0016 | 0.0016 | | | | | | | | | |
| min. | | | | 0.2291 | 0.2292 | 0.2292 | | | | | | | | | |
| maks. | | | | 0.2350 | 0.2350 | 0.2351 | | | | | | | | | |

| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|
| TABELA 4.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI V' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 | |
| 1300001078A6031C | D1 | | 0.5205 | 0.5205 | 0.5206 | 0.5206 | 0.5207 | 0.5207 | 0.5207 | 0.5207 | 0.5207 | 0.5208 | 0.5208 | 0.5207 | 0.5208 |
| | D2 | | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5203 | 0.5203 | 0.5203 | 0.5203 | 0.5203 | 0.5204 | 0.5203 | 0.5204 | |
| | D3 | | 0.5204 | 0.5203 | 0.5204 | 0.5204 | 0.5205 | 0.5205 | 0.5206 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | 0.5207 | |
| | D4 | | 0.5204 | 0.5205 | 0.5206 | 0.5206 | 0.5207 | 0.5207 | 0.5208 | 0.5208 | 0.5208 | 0.5209 | 0.5208 | 0.5209 | |
| | D5 | | 0.5191 | 0.5191 | 0.5193 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5194 | 0.5195 | 0.5195 | 0.5194 | 0.5195 | |
| | D6 | | 0.5205 | 0.5205 | 0.5206 | 0.5206 | 0.5207 | 0.5207 | 0.5207 | 0.5208 | 0.5208 | 0.5208 | 0.5208 | 0.5208 | |
| | D7 | | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | 0.5203 | 0.5203 | 0.5202 | 0.5203 | |
| | D8 | | 0.5186 | 0.5186 | 0.5186 | 0.5187 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5189 | 0.5189 | 0.5188 | 0.5189 | |
| | D9 | | 0.5196 | 0.5197 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5201 | 0.5202 | |
| | D10 | | 0.5196 | 0.5197 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | |
| | D11 | | 0.5203 | 0.5204 | 0.5205 | 0.5205 | 0.5207 | 0.5207 | 0.5207 | 0.5207 | 0.5208 | 0.5208 | 0.5207 | 0.5208 | |
| | D12 | | 0.5200 | 0.5198 | 0.5199 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | 0.5201 | 0.5202 | |
| DE00001081CE031C | D1 | | 0.5162 | 0.5163 | 0.5163 | 0.5163 | 0.5164 | 0.5165 | 0.5165 | 0.5165 | 0.5165 | 0.5166 | 0.5165 | 0.5166 | |
| | D2 | | 0.5211 | 0.5211 | 0.5211 | 0.5211 | 0.5212 | 0.5213 | 0.5213 | 0.5213 | 0.5214 | 0.5213 | 0.5214 | 0.5214 | |
| | D3 | | 0.5206 | 0.5211 | 0.5213 | 0.5214 | 0.5215 | 0.5215 | 0.5216 | 0.5216 | 0.5217 | 0.5217 | 0.5216 | 0.5218 | |
| | D4 | | 0.5204 | 0.5209 | 0.5211 | 0.5212 | 0.5212 | 0.5214 | 0.5214 | 0.5214 | 0.5215 | 0.5215 | 0.5215 | 0.5216 | |
| | D5 | | 0.5195 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5201 | 0.5202 | |
| | D6 | | 0.5191 | 0.5194 | 0.5195 | 0.5196 | 0.5197 | 0.5198 | 0.5198 | 0.5197 | 0.5199 | 0.5199 | 0.5199 | 0.5199 | |
| | D7 | | 0.5200 | 0.5203 | 0.5204 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | 0.5207 | 0.5207 | 0.5207 | 0.5208 | |
| | D8 | | 0.5200 | 0.5202 | 0.5202 | 0.5203 | 0.5204 | 0.5204 | 0.5205 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | 0.5206 | |
| | D9 | | 0.5181 | 0.5180 | 0.5180 | 0.5181 | 0.5181 | 0.5182 | 0.5183 | 0.5182 | 0.5183 | 0.5183 | 0.5183 | 0.5184 | |
| | D10 | | 0.5187 | 0.5186 | 0.5187 | 0.5187 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5188 | 0.5189 | |
| | D11 | | 0.5167 | 0.5168 | 0.5168 | 0.5168 | 0.5169 | 0.5170 | 0.5170 | 0.5169 | 0.5171 | 0.5171 | 0.5171 | 0.5171 | |
| | D12 | | 0.5188 | 0.5190 | 0.5190 | 0.5191 | 0.5190 | 0.5191 | 0.5192 | 0.5191 | 0.5192 | 0.5192 | 0.5192 | 0.5193 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 0.5196 | 0.5197 | 0.5198 | 0.5198 | 0.5199 | 0.5199 | 0.5199 | 0.5200 | 0.5200 | 0.5199 | 0.5200 | |
| mediana | | | | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5202 | 0.5202 | 0.5201 | 0.5202 | 0.5202 | 0.5202 | 0.5202 | |
| odchylenie standardowe | | | | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | |
| min. | | | | 0.5163 | 0.5163 | 0.5163 | 0.5164 | 0.5165 | 0.5165 | 0.5165 | 0.5165 | 0.5166 | 0.5165 | 0.5166 | |
| maks. | | | | 0.5211 | 0.5213 | 0.5214 | 0.5215 | 0.5215 | 0.5216 | 0.5216 | 0.5217 | 0.5217 | 0.5216 | 0.5218 | |

| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--|
| TABELA 4.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI v' | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 3 | | | | 105 °C | | 1.050 A | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | | | |
| | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 1300001078A6031C | D1 | | 0.5205 | 0.5209 | 0.5209 | 0.5210 | 0.5210 | 0.5212 | 0.5212 | 0.5213 | 0.5213 | 0.5214 | 0.5215 | 0.5216 | |
| | D2 | | 0.5201 | 0.5204 | 0.5205 | 0.5205 | 0.5205 | 0.5207 | 0.5207 | 0.5208 | 0.5208 | 0.5209 | 0.5210 | 0.5210 | |
| | D3 | | 0.5204 | 0.5207 | 0.5208 | 0.5208 | 0.5208 | 0.5209 | 0.5210 | 0.5210 | 0.5212 | 0.5212 | 0.5213 | 0.5214 | |
| | D4 | | 0.5204 | 0.5209 | 0.5211 | 0.5211 | 0.5211 | 0.5212 | 0.5213 | 0.5213 | 0.5214 | 0.5215 | 0.5216 | 0.5217 | |
| | D5 | | 0.5191 | 0.5195 | 0.5196 | 0.5197 | 0.5197 | 0.5198 | 0.5199 | 0.5200 | 0.5200 | 0.5201 | 0.5201 | 0.5202 | |
| | D6 | | 0.5205 | 0.5209 | 0.5210 | 0.5210 | 0.5211 | 0.5211 | 0.5212 | 0.5213 | 0.5214 | 0.5214 | 0.5214 | 0.5213 | |
| | D7 | | 0.5201 | 0.5203 | 0.5204 | 0.5204 | 0.5204 | 0.5205 | 0.5205 | 0.5206 | 0.5207 | 0.5207 | 0.5207 | 0.5208 | |
| | D8 | | 0.5186 | 0.5189 | 0.5190 | 0.5191 | 0.5191 | 0.5192 | 0.5193 | 0.5193 | 0.5194 | 0.5194 | 0.5196 | 0.5197 | |
| | D9 | | 0.5196 | 0.5202 | 0.5203 | 0.5204 | 0.5204 | 0.5205 | 0.5206 | 0.5207 | 0.5207 | 0.5208 | 0.5207 | 0.5208 | |
| | D10 | | 0.5196 | 0.5201 | 0.5202 | 0.5203 | 0.5203 | 0.5204 | 0.5205 | 0.5205 | 0.5206 | 0.5207 | 0.5208 | 0.5208 | |
| | D11 | | 0.5203 | 0.5208 | 0.5208 | 0.5209 | 0.5209 | 0.5210 | 0.5211 | 0.5211 | 0.5212 | 0.5212 | 0.5213 | 0.5214 | |
| | D12 | | 0.5200 | 0.5202 | 0.5203 | 0.5204 | 0.5204 | 0.5205 | 0.5205 | 0.5206 | 0.5207 | 0.5207 | 0.5208 | 0.5209 | |
| DE00001081CE031C | D1 | | 0.5162 | 0.5166 | 0.5167 | 0.5167 | 0.5168 | 0.5169 | 0.5169 | 0.5170 | 0.5171 | 0.5172 | 0.5173 | 0.5173 | |
| | D2 | | 0.5211 | 0.5214 | 0.5214 | 0.5215 | 0.5216 | 0.5216 | 0.5216 | 0.5218 | 0.5219 | 0.5219 | 0.5220 | 0.5221 | |
| | D3 | | 0.5206 | 0.5218 | 0.5218 | 0.5219 | 0.5219 | 0.5220 | 0.5220 | 0.5221 | 0.5222 | 0.5223 | 0.5224 | 0.5225 | |
| | D4 | | 0.5204 | 0.5216 | 0.5216 | 0.5217 | 0.5218 | 0.5218 | 0.5219 | 0.5220 | 0.5221 | 0.5222 | 0.5223 | 0.5223 | |
| | D5 | | 0.5195 | 0.5202 | 0.5202 | 0.5202 | 0.5203 | 0.5204 | 0.5204 | 0.5204 | 0.5205 | 0.5206 | 0.5206 | 0.5206 | |
| | D6 | | 0.5191 | 0.5199 | 0.5200 | 0.5200 | 0.5201 | 0.5202 | 0.5202 | 0.5203 | 0.5204 | 0.5205 | 0.5206 | 0.5207 | |
| | D7 | | 0.5200 | 0.5208 | 0.5208 | 0.5209 | 0.5210 | 0.5210 | 0.5211 | 0.5211 | 0.5212 | 0.5213 | 0.5213 | 0.5214 | |
| | D8 | | 0.5200 | 0.5207 | 0.5207 | 0.5208 | 0.5209 | 0.5209 | 0.5209 | 0.5210 | 0.5211 | 0.5212 | 0.5213 | 0.5213 | |
| | D9 | | 0.5181 | 0.5184 | 0.5185 | 0.5186 | 0.5186 | 0.5187 | 0.5188 | 0.5188 | 0.5190 | 0.5190 | 0.5191 | 0.5192 | |
| | D10 | | 0.5187 | 0.5189 | 0.5189 | 0.5190 | 0.5191 | 0.5192 | 0.5192 | 0.5193 | 0.5194 | 0.5195 | 0.5196 | 0.5196 | |
| | D11 | | 0.5167 | 0.5172 | 0.5172 | 0.5173 | 0.5174 | 0.5174 | 0.5175 | 0.5176 | 0.5177 | 0.5178 | 0.5178 | 0.5178 | |
| | D12 | | 0.5188 | 0.5193 | 0.5194 | 0.5194 | 0.5195 | 0.5196 | 0.5196 | 0.5197 | 0.5197 | 0.5198 | 0.5199 | 0.5199 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| średnia | | | | 0.5200 | 0.5201 | 0.5202 | 0.5202 | 0.5203 | 0.5203 | 0.5204 | 0.5205 | 0.5206 | 0.5206 | 0.5207 | |
| mediana | | | | 0.5203 | 0.5203 | 0.5204 | 0.5204 | 0.5205 | 0.5206 | 0.5206 | 0.5207 | 0.5208 | 0.5208 | 0.5209 | |
| odchylenie standardowe | | | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | |
| min. | | | | 0.5166 | 0.5167 | 0.5167 | 0.5168 | 0.5169 | 0.5169 | 0.5170 | 0.5171 | 0.5172 | 0.5173 | 0.5173 | |
| maks. | | | | 0.5218 | 0.5218 | 0.5219 | 0.5219 | 0.5220 | 0.5220 | 0.5221 | 0.5222 | 0.5223 | 0.5224 | 0.5225 | |

| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | |
|---|------------------|---------------------|--------|--|--------|--------|--|--|--|--|--|--|--|
| TABELA 4.4 - WYNIKI WSPÓŁRZĘDNEJ CHROMATYCZNOŚCI V' | | | | | | | | | | | | | |
| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane uszkodzenia: brak | | | | | | | | | |
| | | v' | | Współrzędna chromatyczności v' | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | |
| 1300001078A6031C | D1 | | 0.5205 | 0.5217 | 0.5219 | 0.5219 | | | | | | | |
| | D2 | | 0.5201 | 0.5212 | 0.5212 | 0.5214 | | | | | | | |
| | D3 | | 0.5204 | 0.5215 | 0.5217 | 0.5218 | | | | | | | |
| | D4 | | 0.5204 | 0.5218 | 0.5220 | 0.5220 | | | | | | | |
| | D5 | | 0.5191 | 0.5204 | 0.5206 | 0.5206 | | | | | | | |
| | D6 | | 0.5205 | 0.5214 | 0.5215 | 0.5213 | | | | | | | |
| | D7 | | 0.5201 | 0.5209 | 0.5211 | 0.5211 | | | | | | | |
| | D8 | | 0.5186 | 0.5198 | 0.5200 | 0.5200 | | | | | | | |
| | D9 | | 0.5196 | 0.5209 | 0.5212 | 0.5212 | | | | | | | |
| | D10 | | 0.5196 | 0.5209 | 0.5211 | 0.5211 | | | | | | | |
| | D11 | | 0.5203 | 0.5215 | 0.5217 | 0.5217 | | | | | | | |
| | D12 | | 0.5200 | 0.5210 | 0.5212 | 0.5212 | | | | | | | |
| DE00001081CE031C | D1 | | 0.5162 | 0.5175 | 0.5176 | 0.5177 | | | | | | | |
| | D2 | | 0.5211 | 0.5222 | 0.5224 | 0.5224 | | | | | | | |
| | D3 | | 0.5206 | 0.5226 | 0.5227 | 0.5228 | | | | | | | |
| | D4 | | 0.5204 | 0.5225 | 0.5226 | 0.5227 | | | | | | | |
| | D5 | | 0.5195 | 0.5208 | 0.5209 | 0.5209 | | | | | | | |
| | D6 | | 0.5191 | 0.5208 | 0.5209 | 0.5210 | | | | | | | |
| | D7 | | 0.5200 | 0.5215 | 0.5216 | 0.5217 | | | | | | | |
| | D8 | | 0.5200 | 0.5215 | 0.5216 | 0.5217 | | | | | | | |
| | D9 | | 0.5181 | 0.5194 | 0.5195 | 0.5196 | | | | | | | |
| | D10 | | 0.5187 | 0.5198 | 0.5199 | 0.5200 | | | | | | | |
| | D11 | | 0.5167 | 0.5180 | 0.5182 | 0.5182 | | | | | | | |
| | D12 | | 0.5188 | 0.5201 | 0.5202 | 0.5203 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | |
| średnia | | | | 0.5208 | 0.5210 | 0.5210 | | | | | | | |
| mediana | | | | 0.5210 | 0.5212 | 0.5212 | | | | | | | |
| odchylenie standardowe | | | | 0.0012 | 0.0013 | 0.0012 | | | | | | | |
| min. | | | | 0.5175 | 0.5176 | 0.5177 | | | | | | | |
| maks. | | | | 0.5226 | 0.5227 | 0.5228 | | | | | | | |

| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 4.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI | | | | | | | | | | | | | | | |
| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | |
| | | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 1300001078A6031C | D1 | 0.2354 | 0.5205 | | 0.0009 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0012 | 0.0014 | 0.0013 | 0.0014 | 0.0014 |
| | D2 | 0.2339 | 0.5201 | | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0012 | 0.0013 |
| | D3 | 0.2340 | 0.5204 | | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0017 |
| | D4 | 0.2332 | 0.5204 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 |
| | D5 | 0.2353 | 0.5191 | | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0018 |
| | D6 | 0.2349 | 0.5205 | | 0.0010 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 |
| | D7 | 0.2363 | 0.5201 | | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0013 | 0.0012 | 0.0013 | 0.0013 |
| | D8 | 0.2338 | 0.5186 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | D9 | 0.2334 | 0.5196 | | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 |
| | D10 | 0.2354 | 0.5196 | | 0.0009 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| | D11 | 0.2362 | 0.5203 | | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0016 | 0.0016 | 0.0017 |
| | D12 | 0.2327 | 0.5200 | | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 |
| DE00001081CE031C | D1 | 0.2306 | 0.5162 | | 0.0009 | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0013 | 0.0014 |
| | D2 | 0.2336 | 0.5211 | | 0.0010 | 0.0012 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | D3 | 0.2356 | 0.5206 | | 0.0011 | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0017 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 |
| | D4 | 0.2359 | 0.5204 | | 0.0010 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 |
| | D5 | 0.2349 | 0.5195 | | 0.0008 | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | 0.0012 |
| | D6 | 0.2330 | 0.5191 | | 0.0009 | 0.0011 | 0.0012 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 |
| | D7 | 0.2357 | 0.5200 | | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 |
| | D8 | 0.2337 | 0.5200 | | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0015 |
| | D9 | 0.2321 | 0.5181 | | 0.0011 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 |
| | D10 | 0.2321 | 0.5187 | | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 |
| | D11 | 0.2311 | 0.5167 | | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 |
| | D12 | 0.2351 | 0.5188 | | 0.0009 | 0.0010 | 0.0011 | 0.0011 | 0.0012 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | |
| mediana | | | | | 0.0010 | 0.0011 | 0.0012 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | |
| odchylenie standardowe | | | | | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | |
| min. | | | | | 0.0008 | 0.0009 | 0.0010 | 0.0010 | 0.0011 | 0.0012 | 0.0011 | 0.0012 | 0.0012 | 0.0012 | |
| maks. | | | | | 0.0013 | 0.0014 | 0.0015 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | |

Warunek badania 3 105 °C 1.050 A

TABELA 4.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI

GW CSSRM2.EM

Warunek badania 3 105 °C 1.050 A

| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
|------------------------|------------------|---------------------|--------|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | |
| | | | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 |
| 1300001078A6031C | D1 | 0.2354 | 0.5205 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0016 | 0.0017 | 0.0018 | 0.0018 |
| | D2 | 0.2339 | 0.5201 | | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0014 | 0.0015 | 0.0016 | 0.0016 |
| | D3 | 0.2340 | 0.5204 | | 0.0016 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0021 | 0.0021 |
| | D4 | 0.2332 | 0.5204 | | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0019 |
| | D5 | 0.2353 | 0.5191 | | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0020 | 0.0020 | 0.0021 | 0.0020 | 0.0021 | 0.0022 | 0.0023 |
| | D6 | 0.2349 | 0.5205 | | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0018 | 0.0020 | 0.0019 |
| | D7 | 0.2363 | 0.5201 | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 |
| | D8 | 0.2338 | 0.5186 | | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0019 |
| | D9 | 0.2334 | 0.5196 | | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0020 | 0.0019 | 0.0020 | 0.0021 | 0.0021 |
| | D10 | 0.2354 | 0.5196 | | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0019 |
| | D11 | 0.2362 | 0.5203 | | 0.0018 | 0.0018 | 0.0018 | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0020 | 0.0021 |
| | D12 | 0.2327 | 0.5200 | | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0018 |
| DE00001081CE031C | D1 | 0.2306 | 0.5162 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0018 | 0.0018 |
| | D2 | 0.2336 | 0.5211 | | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0018 | 0.0017 | 0.0018 | 0.0019 |
| | D3 | 0.2356 | 0.5206 | | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0020 | 0.0020 | 0.0021 | 0.0022 | 0.0022 | 0.0023 | 0.0024 |
| | D4 | 0.2359 | 0.5204 | | 0.0018 | 0.0018 | 0.0019 | 0.0020 | 0.0020 | 0.0021 | 0.0021 | 0.0022 | 0.0023 | 0.0023 | 0.0024 |
| | D5 | 0.2349 | 0.5195 | | 0.0013 | 0.0013 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0018 |
| | D6 | 0.2330 | 0.5191 | | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0021 |
| | D7 | 0.2357 | 0.5200 | | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0020 | 0.0020 | 0.0020 | 0.0021 |
| | D8 | 0.2337 | 0.5200 | | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0020 |
| | D9 | 0.2321 | 0.5181 | | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0019 | 0.0019 | 0.0020 | 0.0020 | 0.0020 | 0.0020 | 0.0021 |
| | D10 | 0.2321 | 0.5187 | | 0.0015 | 0.0015 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0017 | 0.0018 |
| | D11 | 0.2311 | 0.5167 | | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0020 |
| | D12 | 0.2351 | 0.5188 | | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0018 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0019 | 0.0020 |
| mediana | | | | | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0017 | 0.0018 | 0.0018 | 0.0018 | 0.0019 | 0.0019 |
| odchylenie standardowe | | | | | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| min. | | | | | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0015 |
| maks. | | | | | 0.0018 | 0.0019 | 0.0019 | 0.0020 | 0.0020 | 0.0021 | 0.0021 | 0.0022 | 0.0023 | 0.0023 | 0.0024 |

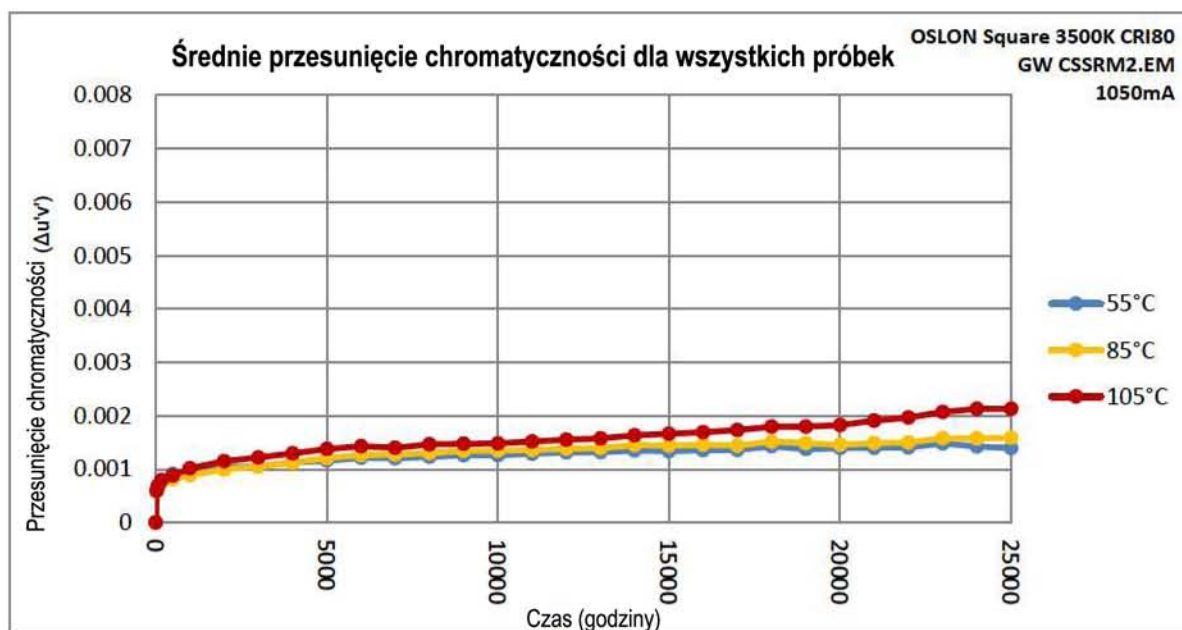
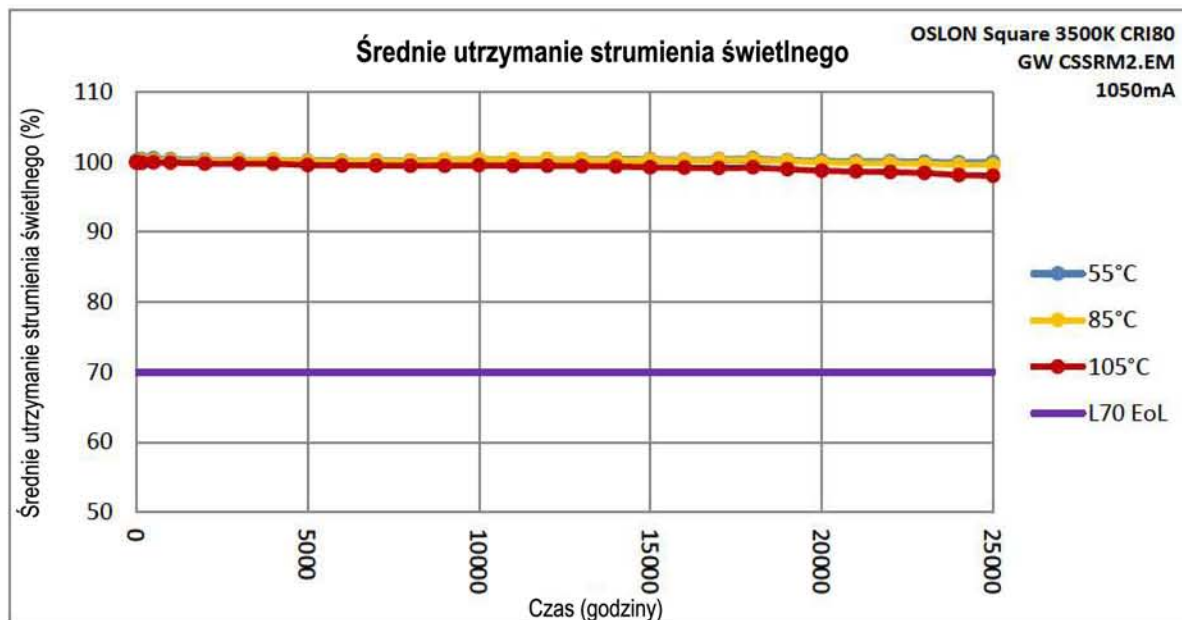
| Warunek badania 3 105 °c 1.050 A | | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------|--|---|--------|--------|--|--|--|--|--|--|--|--|
| TABELA 4.5 - WYNIKI PRZESUNIĘCIA CHROMATYCZNOŚCI | | | | | | | | | | | | | | | |
| Warunek badania 3 105 °c 1.050 A | | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c Zaobserwowane awarie: brak | | | | | | | | | | |
| | | u' | v' | | Przesunięcie barwy (Δu'v') | | | | | | | | | | |
| | | | | | 23000 | 24000 | 25000 | | | | | | | | |
| 1300001078A6031C | D1 | 0.2354 | 0.5205 | | 0.0019 | 0.0020 | 0.0020 | | | | | | | | |
| | D2 | 0.2339 | 0.5201 | | 0.0017 | 0.0017 | 0.0018 | | | | | | | | |
| | D3 | 0.2340 | 0.5204 | | 0.0021 | 0.0022 | 0.0022 | | | | | | | | |
| | D4 | 0.2332 | 0.5204 | | 0.0020 | 0.0021 | 0.0021 | | | | | | | | |
| | D5 | 0.2353 | 0.5191 | | 0.0024 | 0.0024 | 0.0024 | | | | | | | | |
| | D6 | 0.2349 | 0.5205 | | 0.0021 | 0.0020 | 0.0019 | | | | | | | | |
| | D7 | 0.2363 | 0.5201 | | 0.0016 | 0.0017 | 0.0016 | | | | | | | | |
| | D8 | 0.2338 | 0.5186 | | 0.0020 | 0.0021 | 0.0020 | | | | | | | | |
| | D9 | 0.2334 | 0.5196 | | 0.0022 | 0.0024 | 0.0023 | | | | | | | | |
| | D10 | 0.2354 | 0.5196 | | 0.0020 | 0.0021 | 0.0021 | | | | | | | | |
| | D11 | 0.2362 | 0.5203 | | 0.0021 | 0.0022 | 0.0022 | | | | | | | | |
| | D12 | 0.2327 | 0.5200 | | 0.0018 | 0.0020 | 0.0019 | | | | | | | | |
| DE00001081CE031C | D1 | 0.2306 | 0.5162 | | 0.0020 | 0.0020 | 0.0020 | | | | | | | | |
| | D2 | 0.2336 | 0.5211 | | 0.0020 | 0.0020 | 0.0020 | | | | | | | | |
| | D3 | 0.2356 | 0.5206 | | 0.0025 | 0.0026 | 0.0026 | | | | | | | | |
| | D4 | 0.2359 | 0.5204 | | 0.0026 | 0.0026 | 0.0027 | | | | | | | | |
| | D5 | 0.2349 | 0.5195 | | 0.0019 | 0.0019 | 0.0019 | | | | | | | | |
| | D6 | 0.2330 | 0.5191 | | 0.0022 | 0.0022 | 0.0023 | | | | | | | | |
| | D7 | 0.2357 | 0.5200 | | 0.0022 | 0.0023 | 0.0023 | | | | | | | | |
| | D8 | 0.2337 | 0.5200 | | 0.0022 | 0.0022 | 0.0022 | | | | | | | | |
| | D9 | 0.2321 | 0.5181 | | 0.0022 | 0.0023 | 0.0023 | | | | | | | | |
| | D10 | 0.2321 | 0.5187 | | 0.0019 | 0.0019 | 0.0020 | | | | | | | | |
| | D11 | 0.2311 | 0.5167 | | 0.0021 | 0.0022 | 0.0022 | | | | | | | | |
| | D12 | 0.2351 | 0.5188 | | 0.0019 | 0.0020 | 0.0020 | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | | 24 | 24 | 24 | | | | | | | | |
| średnia | | | | | 0.0021 | 0.0021 | 0.0021 | | | | | | | | |
| mediana | | | | | 0.0021 | 0.0021 | 0.0021 | | | | | | | | |
| odchylenie standardowe | | | | | 0.0002 | 0.0002 | 0.0003 | | | | | | | | |
| min. | | | | | 0.0016 | 0.0017 | 0.0016 | | | | | | | | |
| maks. | | | | | 0.0026 | 0.0026 | 0.0027 | | | | | | | | |

| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
|--|------------------|---------------------|------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 4.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA | | | | | | | | | | | | | | |
| Warunek badania 3 105 °C 1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
| | | Vf (V) | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | |
| | | | | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 11000 |
| 1300001078A6031C | D1 | | 3.35 | 99.42 | 99.24 | 99.23 | 99.65 | 99.24 | 99.10 | 99.67 | 98.99 | 99.75 | 99.42 | 99.10 |
| | D2 | | 3.41 | 100.49 | 99.54 | 99.88 | 99.46 | 100.65 | 100.68 | 99.80 | 99.25 | 101.62 | 101.07 | 99.40 |
| | D3 | | 3.47 | 99.64 | 98.85 | 99.42 | 98.99 | 99.94 | 100.46 | 99.31 | 99.11 | 101.30 | 101.13 | 99.27 |
| | D4 | | 3.53 | 97.96 | 97.56 | 97.92 | 97.86 | 97.77 | 98.01 | 98.02 | 97.65 | 98.30 | 97.84 | 97.64 |
| | D5 | | 3.53 | 99.34 | 98.86 | 99.12 | 99.69 | 99.18 | 99.21 | 99.42 | 99.27 | 99.46 | 99.18 | 99.28 |
| | D6 | | 3.54 | 99.29 | 98.95 | 99.24 | 99.83 | 99.24 | 99.41 | 99.53 | 99.29 | 100.36 | 100.17 | 99.59 |
| | D7 | | 3.46 | 99.38 | 99.31 | 99.43 | 99.24 | 99.20 | 99.61 | 100.00 | 99.03 | 100.25 | 100.44 | 99.60 |
| | D8 | | 3.60 | 97.61 | 97.87 | 97.40 | 97.39 | 97.66 | 97.89 | 98.11 | 97.35 | 97.93 | 98.18 | 97.88 |
| | D9 | | 3.64 | 97.55 | 97.71 | 97.47 | 97.65 | 97.61 | 97.66 | 97.46 | 97.39 | 97.82 | 98.06 | 97.70 |
| | D10 | | 3.56 | 98.35 | 98.30 | 98.38 | 98.31 | 98.14 | 98.17 | 98.26 | 98.28 | 98.31 | 98.64 | 98.63 |
| | D11 | | 3.62 | 98.51 | 97.49 | 97.18 | 97.38 | 97.53 | 97.07 | 97.35 | 97.14 | 97.43 | 97.49 | 98.03 |
| | D12 | | 3.58 | 99.37 | 98.02 | 98.12 | 97.96 | 98.28 | 97.43 | 97.58 | 97.38 | 97.71 | 97.96 | 98.37 |
| DE00001081CE031C | D1 | | 3.37 | 101.72 | 98.76 | 98.36 | 100.54 | 98.94 | 98.19 | 98.58 | 98.52 | 99.18 | 100.12 | 100.04 |
| | D2 | | 3.46 | 102.90 | 98.44 | 98.49 | 98.59 | 98.62 | 98.04 | 98.60 | 98.83 | 101.17 | 100.63 | 100.30 |
| | D3 | | 3.68 | 100.10 | 96.97 | 97.32 | 97.30 | 96.91 | 96.93 | 97.46 | 99.00 | 102.29 | 98.81 | 99.31 |
| | D4 | | 3.62 | 97.71 | 97.71 | 97.18 | 96.79 | 96.75 | 96.73 | 97.13 | 99.10 | 99.67 | 96.94 | 98.09 |
| | D5 | | 3.53 | 100.61 | 100.03 | 99.10 | 99.47 | 99.76 | 99.11 | 101.13 | 102.27 | 101.35 | 99.58 | 99.92 |
| | D6 | | 3.65 | 98.50 | 97.37 | 97.14 | 97.49 | 97.63 | 97.07 | 98.88 | 99.50 | 99.47 | 97.92 | 97.20 |
| | D7 | | 3.50 | 98.43 | 98.74 | 98.92 | 98.82 | 98.97 | 98.80 | 98.87 | 99.48 | 99.15 | 99.60 | 99.08 |
| | D8 | | 3.56 | 97.87 | 97.63 | 97.67 | 97.54 | 97.87 | 97.22 | 97.28 | 97.58 | 97.45 | 97.48 | 98.89 |
| | D9 | | 3.64 | 98.42 | 98.26 | 98.58 | 98.73 | 98.46 | 98.20 | 97.86 | 98.04 | 98.62 | 98.51 | 99.99 |
| | D10 | | 3.55 | 99.09 | 100.34 | 100.00 | 99.89 | 99.07 | 99.27 | 100.32 | 99.14 | 100.06 | 99.44 | 99.44 |
| | D11 | | 3.58 | 99.57 | 99.72 | 99.37 | 98.67 | 99.13 | 98.40 | 101.53 | 99.58 | 99.43 | 99.23 | 99.65 |
| | D12 | | 3.56 | 99.64 | 98.27 | 98.58 | 99.55 | 99.78 | 98.06 | 99.54 | 98.92 | 98.27 | 99.37 | 99.77 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| średnia | | | | 99.2 | 98.5 | 98.5 | 98.6 | 98.6 | 98.4 | 98.8 | 98.8 | 99.4 | 99.1 | 99.0 |
| mediana | | | | 99.3 | 98.4 | 98.5 | 98.7 | 98.8 | 98.2 | 98.7 | 99.0 | 99.4 | 99.2 | 99.3 |
| odchylenie standardowe | | | | 1.3 | 0.9 | 0.9 | 1.0 | 1.0 | 1.1 | 1.2 | 1.1 | 1.4 | 1.2 | 0.9 |
| min. | | | | 97.5 | 97.0 | 97.1 | 96.8 | 96.8 | 96.7 | 97.1 | 97.1 | 97.4 | 96.9 | 97.2 |
| maks. | | | | 102.9 | 100.3 | 100.0 | 100.5 | 100.7 | 100.7 | 101.5 | 102.3 | 102.3 | 101.1 | 100.3 |

| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | | |
|--|------------------|---------------------|--------------------------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TABELA 4.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA | | | | | | | | | | | | | | |
| Warunek badania 3105 °C1.050 A | | | | | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °C Zaobserwowane awarie: brak | | | | | | | | | | |
| | | Vf (V) | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | | |
| | | | 12000 | 13000 | 14000 | 15000 | 16000 | 17000 | 18000 | 19000 | 20000 | 21000 | 22000 | |
| 1300001078A6031C | D1 | | 3.35 | 100.30 | 99.94 | 101.22 | 100.29 | 99.83 | 99.06 | 99.44 | 99.67 | 99.91 | 100.15 | 107.45 |
| | D2 | | 3.41 | 102.13 | 99.85 | 101.21 | 101.67 | 101.76 | 99.57 | 102.18 | 102.40 | 102.10 | 102.83 | 101.88 |
| | D3 | | 3.47 | 101.33 | 98.97 | 100.94 | 102.40 | 100.84 | 99.22 | 101.58 | 102.09 | 101.57 | 102.23 | 102.63 |
| | D4 | | 3.53 | 98.35 | 98.11 | 98.01 | 99.14 | 97.85 | 97.33 | 97.59 | 97.83 | 97.96 | 98.26 | 99.46 |
| | D5 | | 3.53 | 99.60 | 99.89 | 99.16 | 99.64 | 100.33 | 99.12 | 99.75 | 100.08 | 99.99 | 100.10 | 99.66 |
| | D6 | | 3.54 | 100.92 | 99.46 | 99.31 | 99.81 | 100.98 | 99.44 | 99.97 | 101.17 | 107.14 | 100.53 | 100.24 |
| | D7 | | 3.46 | 100.85 | 99.09 | 99.23 | 99.30 | 100.42 | 99.07 | 99.28 | 100.60 | 106.42 | 100.99 | 100.51 |
| | D8 | | 3.60 | 98.40 | 98.28 | 98.09 | 98.45 | 98.85 | 98.83 | 99.65 | 98.66 | 101.53 | 99.52 | 100.93 |
| | D9 | | 3.64 | 98.44 | 98.16 | 97.70 | 99.06 | 98.17 | 98.45 | 99.45 | 98.09 | 100.93 | 98.75 | 100.67 |
| | D10 | | 3.56 | 99.04 | 98.38 | 98.38 | 99.48 | 98.30 | 98.12 | 98.50 | 98.45 | 98.91 | 98.56 | 98.97 |
| | D11 | | 3.62 | 98.42 | 97.25 | 97.39 | 98.28 | 97.78 | 97.41 | 97.87 | 98.15 | 98.93 | 97.43 | 98.07 |
| | D12 | | 3.58 | 99.22 | 97.60 | 97.58 | 99.93 | 98.51 | 97.56 | 99.17 | 98.53 | 98.85 | 97.71 | 98.31 |
| DE00001081CE031C | D1 | | 3.37 | 99.22 | 99.56 | 100.33 | 102.93 | 99.05 | 98.38 | 98.80 | 101.20 | 98.26 | 101.06 | 102.83 |
| | D2 | | 3.46 | 106.37 | 99.02 | 99.08 | 99.69 | 98.83 | 98.04 | 98.45 | 104.00 | 98.06 | 99.71 | 103.88 |
| | D3 | | 3.68 | 106.06 | 98.86 | 98.83 | 98.63 | 97.38 | 97.61 | 97.38 | 103.93 | 97.37 | 97.92 | 101.75 |
| | D4 | | 3.62 | 98.92 | 100.03 | 97.70 | 97.14 | 96.82 | 97.32 | 96.28 | 107.24 | 96.98 | 97.14 | 98.33 |
| | D5 | | 3.53 | 101.13 | 101.45 | 100.41 | 101.80 | 100.58 | 104.57 | 99.56 | 107.10 | 100.77 | 100.89 | 105.99 |
| | D6 | | 3.65 | 98.00 | 98.24 | 98.81 | 101.42 | 98.43 | 102.06 | 98.21 | 98.69 | 99.39 | 98.96 | 102.73 |
| | D7 | | 3.50 | 99.30 | 99.43 | 99.06 | 101.47 | 99.18 | 99.41 | 99.44 | 104.72 | 100.38 | 99.87 | 99.59 |
| | D8 | | 3.56 | 97.37 | 97.48 | 97.22 | 98.57 | 97.49 | 97.31 | 103.15 | 103.35 | 98.14 | 98.53 | 98.22 |
| | D9 | | 3.64 | 98.19 | 98.13 | 97.96 | 98.86 | 98.12 | 98.05 | 103.70 | 99.77 | 98.70 | 99.45 | 99.41 |
| | D10 | | 3.55 | 99.34 | 98.91 | 98.79 | 100.13 | 98.77 | 99.09 | 98.68 | 100.21 | 99.17 | 99.77 | 99.51 |
| | D11 | | 3.58 | 101.21 | 99.11 | 98.48 | 100.34 | 99.68 | 99.05 | 98.59 | 99.78 | 99.50 | 99.86 | 99.17 |
| | D12 | | 3.56 | 100.43 | 98.36 | 97.79 | 99.52 | 98.91 | 98.35 | 98.03 | 98.89 | 98.66 | 99.17 | 99.08 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| średnia | | | | 100.1 | 98.9 | 98.9 | 99.9 | 99.0 | 98.9 | 99.4 | 101.0 | 100.0 | 99.6 | 100.8 |
| mediana | | | | 99.3 | 98.9 | 98.8 | 99.7 | 98.8 | 98.6 | 99.2 | 100.1 | 99.3 | 99.6 | 99.9 |
| odchylenie standardowe | | | | 2.3 | 1.0 | 1.2 | 1.4 | 1.3 | 1.6 | 1.8 | 2.8 | 2.5 | 1.4 | 2.4 |
| min. | | | | 97.4 | 97.2 | 97.2 | 97.1 | 96.8 | 97.3 | 96.3 | 97.8 | 97.0 | 97.1 | 98.1 |
| maks. | | | | 106.4 | 101.4 | 101.2 | 102.9 | 101.8 | 104.6 | 103.7 | 107.2 | 107.1 | 102.8 | 107.5 |

| Warunek badania 3 | | | | 105 °c | 1.050 A | | | | | | | | | | |
|--|------------------|---------------------|--|---|---------|--------|--|--|--|--|--|--|--|--------------|--|
| TABELA 4.6 - WYNIKI UTRZYMANIA NAPIĘCIA PRZEWODZENIA | | | | | | | | | | | | | | GW CSSRM2.EM | |
| Warunek badania 3 | | | | 105 °c | 1.050 A | | | | | | | | | | |
| Nr płyty obciążenia | Numer urządzenia | Pomiary dla 0 godz. | | Prąd zasilacza podczas badań fotometrycznych: 1.050 A | | | | | | | | | | | |
| | | Vf (V) | Temperatura otoczenia podczas badań fotometrycznych: 25 ± 2 °c | | | | | | | | | | | | |
| | | | Zaobserwowane awarie: brak | | | | | | | | | | | | |
| | | | | Utrzymanie napięcia przewodzenia (%) | | | | | | | | | | | |
| | | | | 23000 | 24000 | 25000 | | | | | | | | | |
| 1300001078A6031C | D1 | | 3.35 | 101.20 | 103.12 | 100.94 | | | | | | | | | |
| | D2 | | 3.41 | 101.88 | 101.82 | 101.91 | | | | | | | | | |
| | D3 | | 3.47 | 104.64 | 101.98 | 101.73 | | | | | | | | | |
| | D4 | | 3.53 | 100.98 | 99.33 | 99.03 | | | | | | | | | |
| | D5 | | 3.53 | 100.27 | 99.63 | 101.36 | | | | | | | | | |
| | D6 | | 3.54 | 101.72 | 100.22 | 101.60 | | | | | | | | | |
| | D7 | | 3.46 | 101.51 | 100.57 | 104.96 | | | | | | | | | |
| | D8 | | 3.60 | 102.13 | 98.75 | 104.01 | | | | | | | | | |
| | D9 | | 3.64 | 101.21 | 98.30 | 100.61 | | | | | | | | | |
| | D10 | | 3.56 | 98.54 | 98.42 | 98.94 | | | | | | | | | |
| | D11 | | 3.62 | 101.06 | 97.66 | 98.02 | | | | | | | | | |
| | D12 | | 3.58 | 101.79 | 97.93 | 98.36 | | | | | | | | | |
| DE00001081CE031C | D1 | | 3.37 | 107.54 | 101.38 | 107.92 | | | | | | | | | |
| | D2 | | 3.46 | 100.07 | 100.96 | 99.20 | | | | | | | | | |
| | D3 | | 3.68 | 99.61 | 98.45 | 98.23 | | | | | | | | | |
| | D4 | | 3.62 | 97.90 | 98.25 | 99.19 | | | | | | | | | |
| | D5 | | 3.53 | 103.21 | 105.62 | 108.45 | | | | | | | | | |
| | D6 | | 3.65 | 101.11 | 104.44 | 103.85 | | | | | | | | | |
| | D7 | | 3.50 | 99.45 | 102.20 | 101.06 | | | | | | | | | |
| | D8 | | 3.56 | 97.74 | 99.00 | 100.24 | | | | | | | | | |
| | D9 | | 3.64 | 99.60 | 99.40 | 101.23 | | | | | | | | | |
| | D10 | | 3.55 | 100.03 | 99.15 | 99.83 | | | | | | | | | |
| | D11 | | 3.58 | 99.37 | 99.59 | 100.33 | | | | | | | | | |
| | D12 | | 3.56 | 99.23 | 99.89 | 101.03 | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| n | | | | 24 | 24 | 24 | | | | | | | | | |
| średnia | | | | 100.9 | 100.3 | 101.3 | | | | | | | | | |
| mediana | | | | 101.0 | 99.6 | 101.0 | | | | | | | | | |
| odchylenie standardowe | | | | 2.1 | 2.1 | 2.8 | | | | | | | | | |
| min. | | | | 97.7 | 97.7 | 98.0 | | | | | | | | | |
| maks. | | | | 107.5 | 105.6 | 108.4 | | | | | | | | | |

5.0 Wykresy:



6.0 Dodatkowe informacje

6.1 Sprzęt pomocniczy

| | |
|--|---|
| Komora termiczna do badań trwałości: | Orb Optronix Thermal Platform - grzanie rezystancyjne, chłodzenie płynem, bez wymuszonego przepływu powietrza |
| Źródło zasilania do badań trwałości: | Orb Optronix 12-Channel Driver |
| Źródło zasilania do badań fotometrycznych: | Keithley 2425 |
| Sterowanie temperaturą do badań fotometrycznych: | Orb Optronix TEC-100 |
| Spektrometr: | Instrument Systems, CAS 140CT |
| Kula całkująca: | Gamma Scientific 20" |
| Fotometryczne normy odniesienia: | LabSphere SCL-50 |

6.2 Dodatkowe informacje o badaniu

6.3 Fotografie

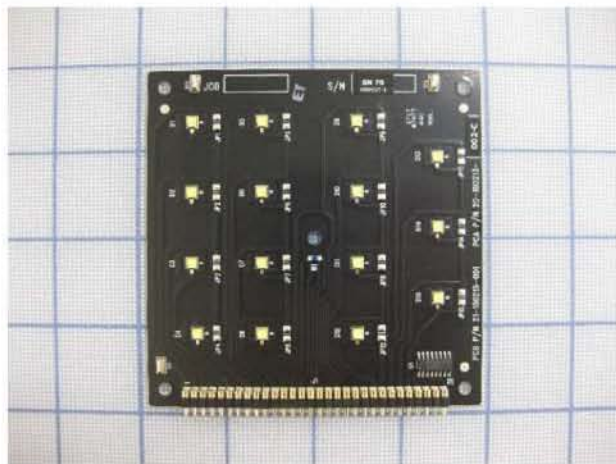


Fig. 1 OSRM027 przykład płyty obciążenia

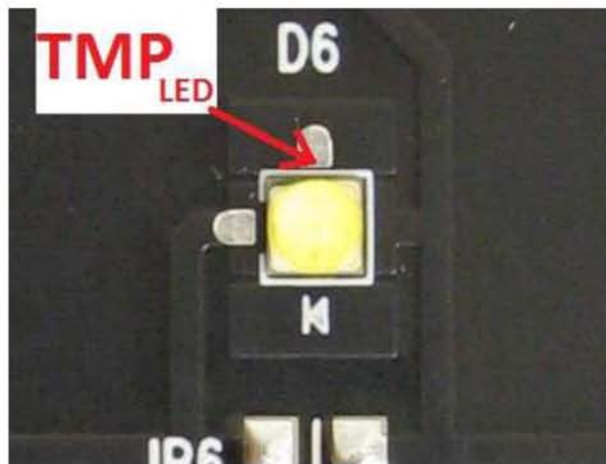


Fig. 2 OSRM027 OSLOM Square white LED i punkt pomiaru temperatury

6.4 Rusunki wymiarowe*

* wszystkie wymiary w milimetrach

Sam ten raport nie może być używany, aby ubiegać się o certyfikację produktu, aprobatę lub poparcie przez NVLAP, NIST lub inną agencję rządową.

- KONIEC RAPORTU -

Dodatek A: Zastosowanie Energy Star® LM-80

okładka ENERGY STAR® LM-80

Informacje administracyjne

| | |
|--|--|
| Seria badanego podkładnika | OSLON® Square |
| Numer modelu badanego podkładnika | GW CSSRM2.EM |
| Data wydania raportu | 16 kwiecień 2021 |
| Data wydania rewizji raportu (jeśli występuje) | brak zastosowania |
| Data rozpoczęcia badań | 10 listopad 2017 |
| Data zakończenia badań | 16 kwiecień 2021 |
| Metoda próbkowania DUT | Zgodnie z metodą pomiarów ANSI/IES LM-80 |

Identyfikacja DUT

| | |
|----------------------|--|
| Nazwa producenta DUT | OSRAM Opto Semiconductors (Malaysia) Sdn Bhd |
| Identyfikacja DUT | GW CSSRM2.EM |
| Opis DUT | Pakiet LED |

Charakterystyki DUT

| | |
|---|-------------------|
| Całkowita moc wejściowa (W) | 3.72 |
| Średnia gęstość prądu na kryształ LED (mA/mm ²) | 525.00 |
| Średnia gęstość mocy na pakiet LED (W/mm ²) | 0.41 |
| Reprezentatywne CRI (Ra) zestawu badanej próbki | 80 |
| Minimalny odstęp pomiędzy kryształami | brak zastosowania |

Dodatek B:

Projektcja utrzymania strumienia świetlnego (IES TM-21-11)

Tylko w celach informacji !

1. Ogólne informacje

| | |
|---|----------------------------|
| Opis badanego źródła światła LED | OSLON® Square GW CSSRM2.EM |
| Rozmiar próbki na temperaturę | 24 |
| Stosowany w badaniu prąd zasilający LED | 1050 mA |
| Prąd przypadający na kryształ | 1050 mA |
| Czas trwania badania | 25 000 godzin |

Czas trwania badania stosowanego do projekcji 12 000 godzin do 25 000 godzin

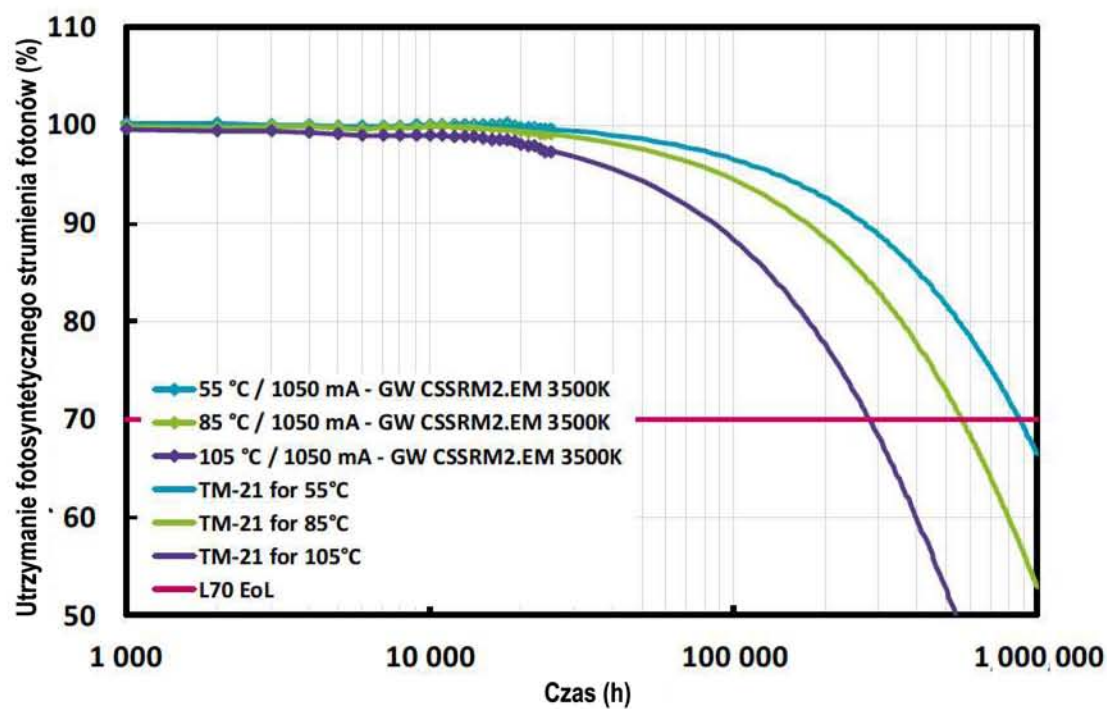
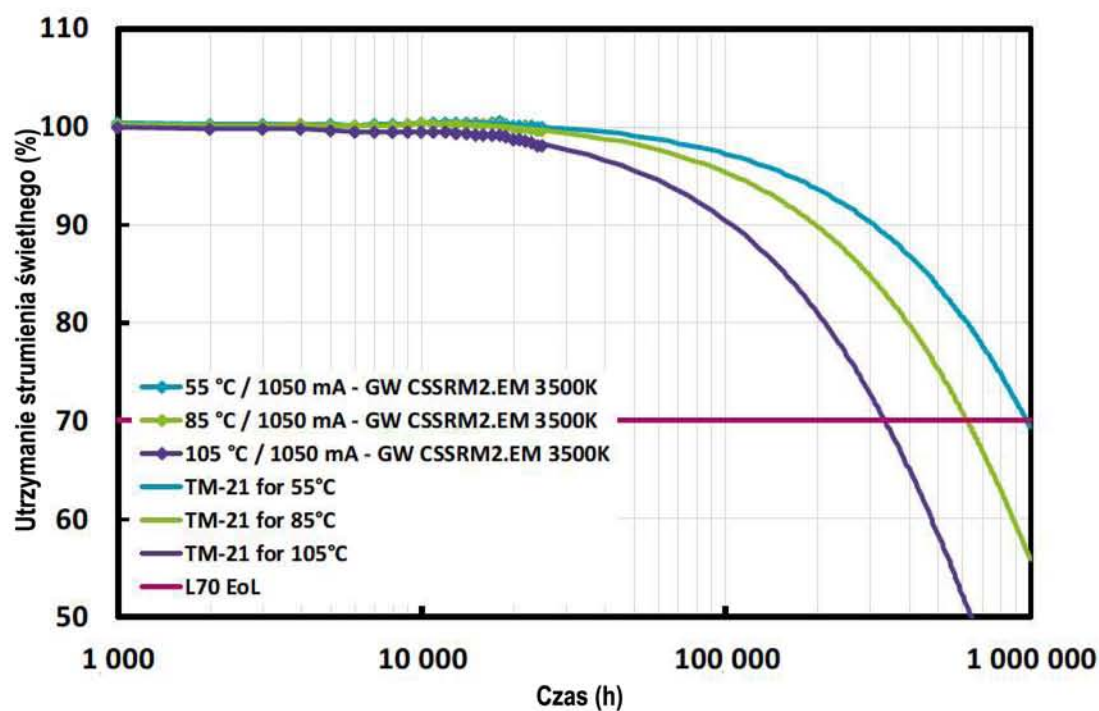
2. Dane projekcji (utrzymanie strumienia świetlnego)

| | I | II | III |
|---------------------------------------|----------------------|----------------------|-----------------------|
| Temperatura obudowy (punkt lutowania) | $T_S = 55\text{ °C}$ | $T_S = 85\text{ °C}$ | $T_S = 105\text{ °C}$ |
| α | 3.754E-07 | 5.930E-07 | 1.099E-06 |
| B | 1.010E+00 | 1.012E+00 | 1.009E+00 |
| Raportowane L70 | > 150 000 godzin | > 150 000 godzin | > 150 000 godzin |
| Raportowane L80 | > 150 000 godzin | > 150 000 godzin | > 150 000 |
| Raportowane L90 | > 150 000 | > 150 000 godzin | 104 504 godzin |

2b. Dane projekcji (utrzymanie fotosyntetycznego strumienia fotonów)

| | I | II | III |
|---------------------------------------|----------------------|----------------------|-----------------------|
| Temperatura obudowy (punkt lutowania) | $T_S = 55\text{ °C}$ | $T_S = 85\text{ °C}$ | $T_S = 105\text{ °C}$ |
| α | 4.166E-07 | 6.464E-07 | 1.296E-06 |
| B | 1.006E+00 | 1.007E+00 | 1.006E+00 |
| Raportowane Q_{90} | > 150 000 godzin | > 150 000 godzin | 85 752 godzin |

3. Wykres



Dodatek C: Dodatkowe modele objęte badaniem

Wymagania *ENERGY STAR*® z dnia 28 września 2017 do zastosowania danych LM-80 określają warunki, dla których raport LM-80 jest stosowany dla modeli, które nie zostały bezpośrednio zbadane.

Wyniki badań w niniejszym raporcie odnoszą się do poniższej listy modeli:

- | | |
|-------------------------------|-----------------------|
| • OSOLON® Square GW CSSRM2.EM | Z CCT 2700 K – 6500 K |
| • OSOLON® Square GW CSSRM2.PM | Z CCT 2700 K – 6500 K |
| • OSOLON® Square GW CSSRM3.PM | Z CCT 2700 K – 6500 K |
| • OSOLON® Square GW CSSRM2.CM | Z CCT 2700 K – 6500 K |
| • OSOLON® Square GW CSSRM3.EM | Z CCT 2700 K – 6500 K |
| • OSOLON® Square GW CSSRMU.CM | Z CCT 2700 K – 4000 K |

Klauzula

Proszę uważnie przeczytać poniższy regulamin przed użyciem niniejszej informacji.
Jeśli nie zgadzasz się z którąkolwiek częścią regulaminu, nie stosuj niniejszej informacji.

Informacje zawarte w niniejszym dokumencie nie stanowią niezależnej gwarancji. Zobowiązane zachowanie jest opisane w Karcie katalogowej produktu.

Dodatkowe wyjaśnienia:

Dane: Dane używane w niniejszym dokumencie zakładają wiarygodność wyników badań tylko przy podanych warunkach zasilania. W celu uzyskania informacji o produkcie dotyczących maksymalnych warunków pracy proszę odnieść się do Karty katalogowej produktu lub skontaktować się z lokalnym partnerem sprzedażowym.

Warunki: Warunki uzyskania danych są następujące:

1. Dane i krzywe przedstawione w niniejszym dokumencie są oparte na eksperymencie przeprowadzonym w warunkach laboratoryjnych na losowym rozmiarze próbki LED z odczytami w dyskretnych punktach czasowych (jeśli ma to zastosowanie). Zatem powyższe dane reprezentują tylko ograniczoną liczbę produkcji i mogą różnić się pomiędzy montażem na przestrzeni czasu (włączając w to krysztaly LED i zmiany w pakietach). Dlatego praca LED w końcowym zastosowaniu może różnić się od niniejszych danych. Praca LED w warunkach lub odczytach czasowych odbiegających od określonych powyżej nie może być wnioskowana z niniejszych danych.
2. Dla długotrwałej eksploatacji mogą wystąpić dodatkowe awarie kryształu lub pakietu, które nie zostały pokazane w niniejszym dokumencie.
3. Możliwe różnice w odprowadzaniu ciepła OSRAM OS i układu klienta mogą prowadzić do różnego procesu starzenia.
4. Dane dotyczące projekcji trwałości prezentowane w niniejszym dokumencie zostały określone zgodnie z metodą ekstrapolacji trwałości opisaną i zdefiniowaną w IES TM-21-11. Projekcja trwałości oparta jest na danych zaprezentowanych w niniejszym dokumencie. Dane zostały zebrane i zgrupowane zgodnie z IES LM-80-15.

Tłumaczenie wykonane przez Signify Poland Sp. z o.o.

KONIEC DOKUMENTU

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