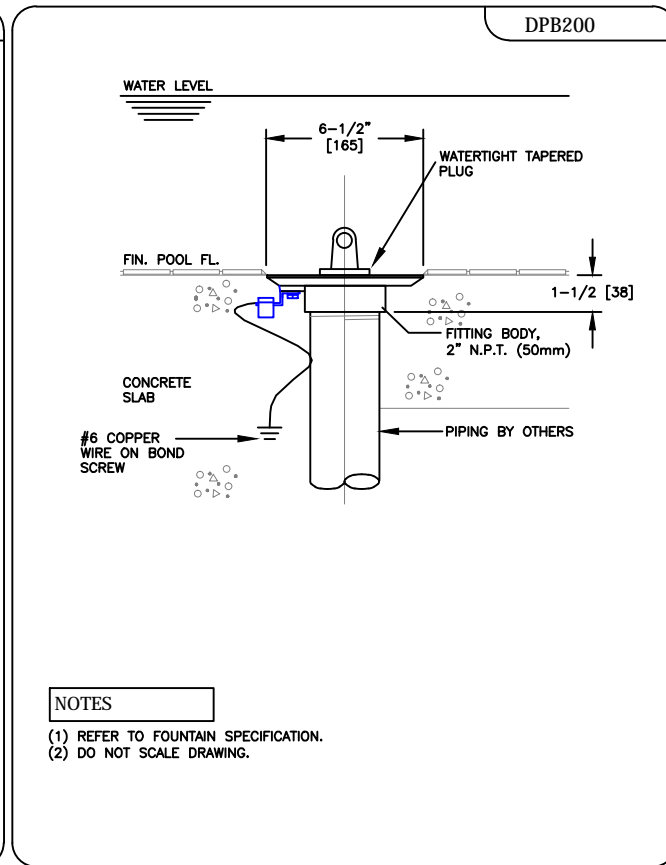


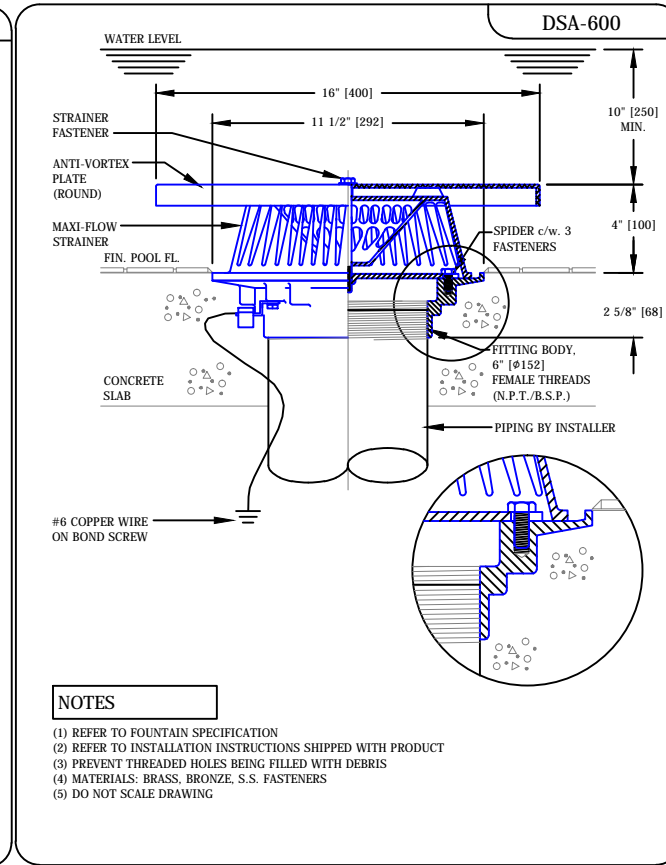
CRYSTAL FOUNTAINS
FOUNTAIN OVERFLOW DRAIN - WALL MOUNTED, 4"

ITEM NO.



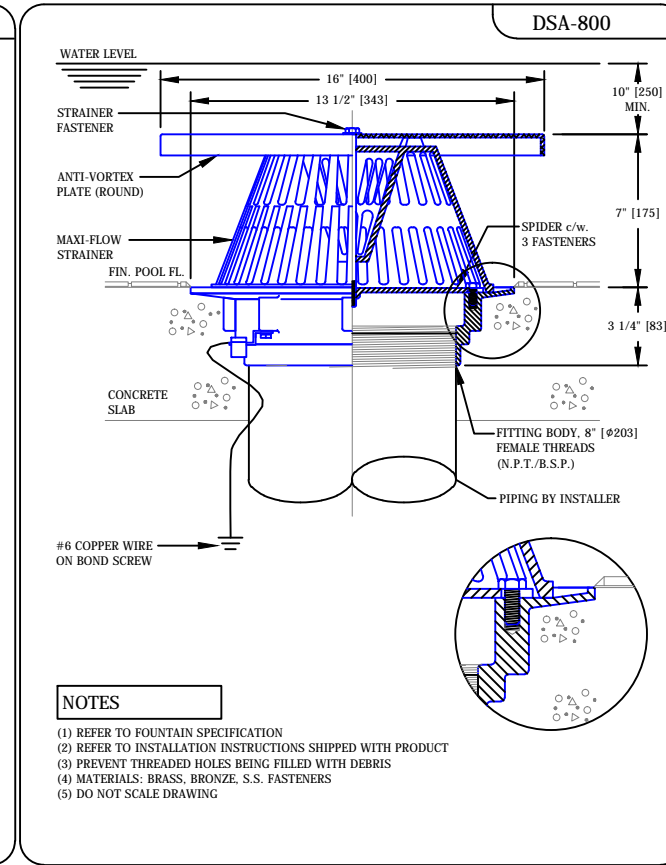
CRYSTAL FOUNTAINS
OUTLET DRAIN, 2" Ø

ITEM NO.



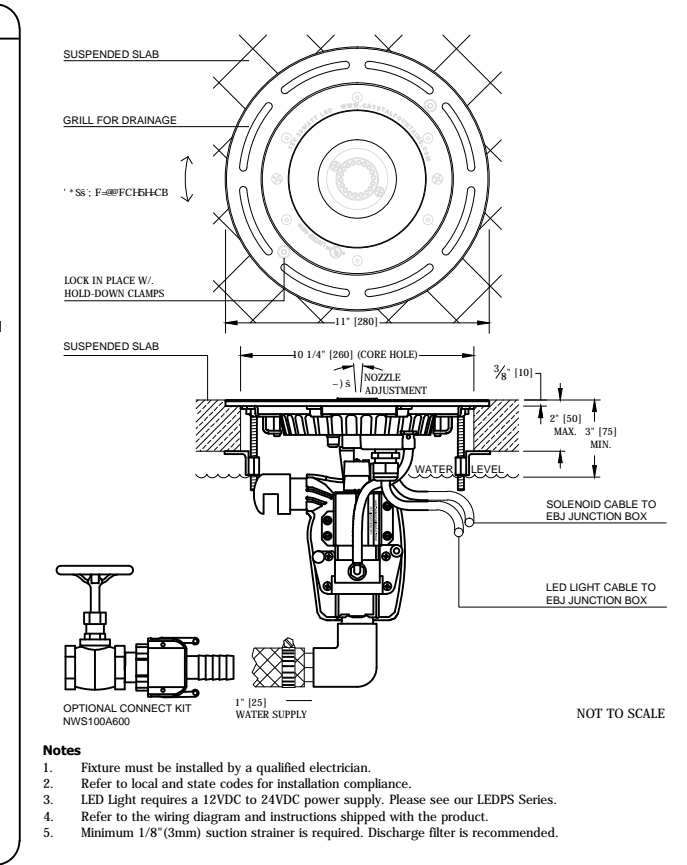
CRYSTAL FOUNTAINS
FOUNTAIN SUCTION FITTING, 6" Ø

ITEM NO.



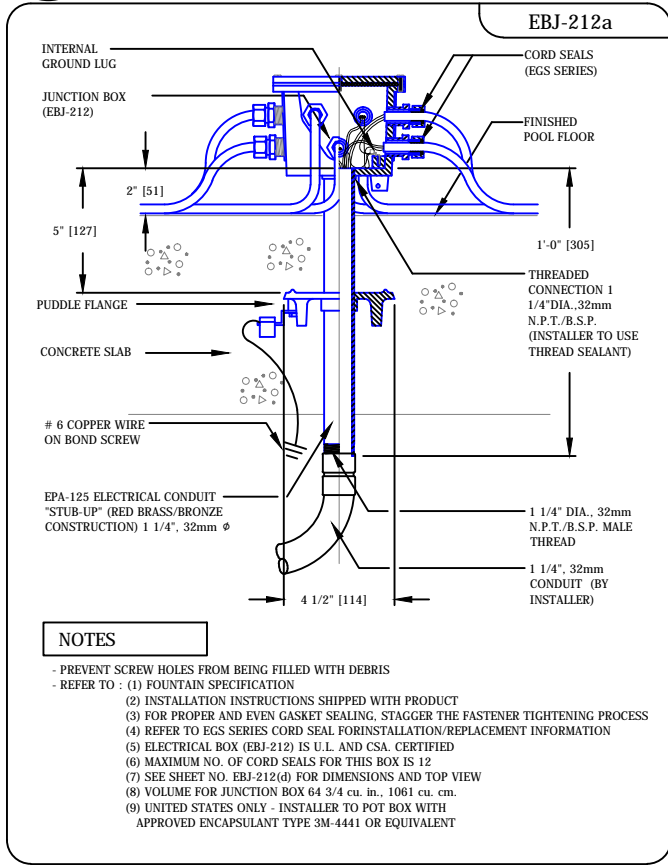
CRYSTAL FOUNTAINS
FOUNTAIN SUCTION FITTING, 8" Ø

ITEM NO.



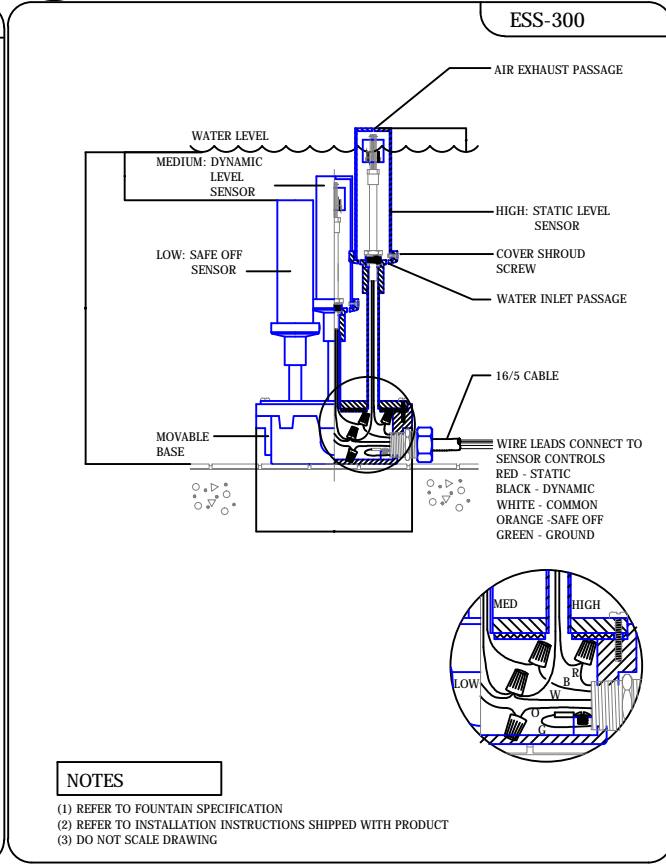
NOT TO SCALE

| | | | |
|---|--|--|--------------------------------|
| THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CRYSTAL FOUNTAINS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CRYSTAL FOUNTAINS INC. IS PROHIBITED. | | INSTALLATION DRAWING LED280S1 | PAGE 1 OF 1 |
| www.crystalfountains.com | | SERIES LED280 | REV. 0 JUNE 2016 |
| TEL: 1-905-660-6674 FAX: 1-905-660-6916 | | | |
| CRYSTAL FOUNTAINS | | PLAYDECK CHOREOSWITCH® ROUND SLAB HANGAR VERSION 12VDC to 26VDC 30W RGBW LED | |



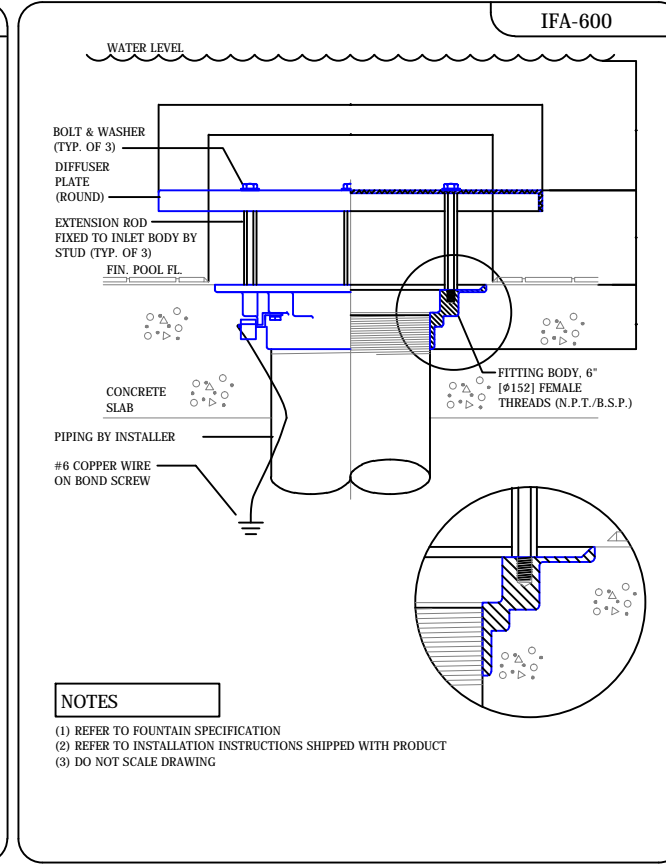
CRYSTAL FOUNTAINS
SUBMERSIBLE JUNCTION BOX WITH STUB-UP

ITEM NO.



CRYSTAL FOUNTAINS
FOUNTAIN MOVABLE LEVEL SENSOR

ITEM NO.



CRYSTAL FOUNTAINS
FOUNTAIN INLET FITTING, 6" Ø

ITEM NO.

Function
Crystal's LEDPS510 series of pool rated power and data supply panels are UL379 rated. They are one part of an overall DMX/RDM controlled water feature (DMX/RDM controlled jet or light + LEDPS Power and Data supply + LEDQUE2 DMX Storage/Playback Unit. The LEDPS510, 514 series comply with the NEC (National Electric Code) 680.23 A.2 for fountain lights to be connected to Pool and Spa rated transformers and power supplies.

The LEDPS513, 517 series provide 1000W of power and are used in conjunction with Crystal's DMX controlled jet and lighting products.

They work with the following Crystal DMX controlled products:

| | | |
|-----------------------|--------------------------------|--------------------------------|
| LED004 Light Series | LED170 Light Series | NPC/NFD DMX Fog Series |
| LED007 Light Series | LED180 Choreoswitch Series | NPN DMX Pop Nozzle Series |
| LED040 Light Series | LED190 Light Series | SWIS DMX Choreoswitch Series |
| LED140 Leaper Series | LED200 DMX Choreoswitch Series | SWT100 DMX Choreoswitch Series |
| LED150 Dynamite Blast | LED210 DMX Choreoswitch Series | SWD200 DMX Spyra Series |
| LED160 Light Series | LED260 Light Series | WMV127 Laminar Series |
| LED165 Light Series | LED280 DMX Choreoswitch Series | |

Features:

- Circuit breaker connections
- Cooling system
- Push lock connectors
- Diagnostic LED's

Specification

- Enclosure: Plastic NEMA 4
- Input voltages: 115VAC, 60Hz, 10Amps or 220VAC, 50Hz, 5Amps
- Rating:
 - UL379 Pool, Spa, and Fountain Rated Power Supply at 120VAC, 60Hz
 - Suitable for outdoor use
- Output: 12/24VDC, 500VA
- 40A MAX per 24Vdc Model
- 80A MAX per 12Vdc Model
- Operating Temperature: -10 C - +40 C
- Power: 1000VA
- Voltage: 12VDC or 24VDC
- 32 Device Connections
- Options:
 - Device DMX/RDM Addressing Tool: EL PKIT10
 - For ArtNet option contact Crystal Fountains

Notes


- The design of all low voltage systems must include a review of voltage drop in relation to the distance of the conductor runs and the size of the conductor being run. Please refer to the cut sheets of the products being controlled for specific requirements.
- Refer to page 2 for internal wiring and termination diagram, conduit size and conduit locations.
- Refer to page 3 & 4 for schematics.
- Contact Crystal Fountains For detailed specification, installation, and operation details.
- Unit must be installed by a qualified electrician, in accordance with local and national codes.
- Not all solutions can be solved by using these power supplies. Please contact Crystal Fountains for custom power supply solutions.
- Not suitable for pit box.

| PART# | OUTPUT VOLTAGE | WATTAGE | No. OF DEVICES / DATA CHANNELS |
|----------|----------------|---------|--------------------------------|
| LEDPS513 | 12VDC | 1000W | 32 |
| LEDPS517 | 24VDC | 1000W | 32 |

How to Calculate and Size Power Unit:

Number of Devices (32 Max) x Wattage of Devices x 1.2 (safety factor) = Power Required (Watts)

Example:
(26) LED165040 LED Lights x 30 Watts per fixture x 1.2 = 936 Watts total

| | | | | | |
|-------------------------|---|--|--|--------|----------------|
| GENERALNY PROJEKTANT |  <small>AB ARCHITECTS</small> | AB ARCHITECTS 16-030 Supraśl ul. Cegielniana 33 tel. +48 512 22 87 87 | www.ab-architects.pl biuro@ab-architects.pl | | Nr rys. F04 |
| | | | | | |
| Inwestor | Gmina Łapy 18-100 Łapy ul. Gen. Władysława Sikorskiego 24 | | | | |
| Obiekt | Fontanna na Placu Solidarności | | | | |
| Adres | 18-100 Łapy, Plac Solidarności, cz. dz. nr 1266/9 | | | | |
| Przedmiot rysunku | DETALE | | | Skala | |
| PROJEKTANT | | | | | |
| Imię i nazwisko | Specjalność | | Data | Podpis | |
| Jakub Kł [| technologia | | 30.04.2020 | | |