

Client: \_\_\_\_\_  
 Project name: \_\_\_\_\_  
 Order #: \_\_\_\_\_  
 Type: \_\_\_\_\_ Qty: \_\_\_\_\_

## FEATURES AND BENEFITS

### Physical :

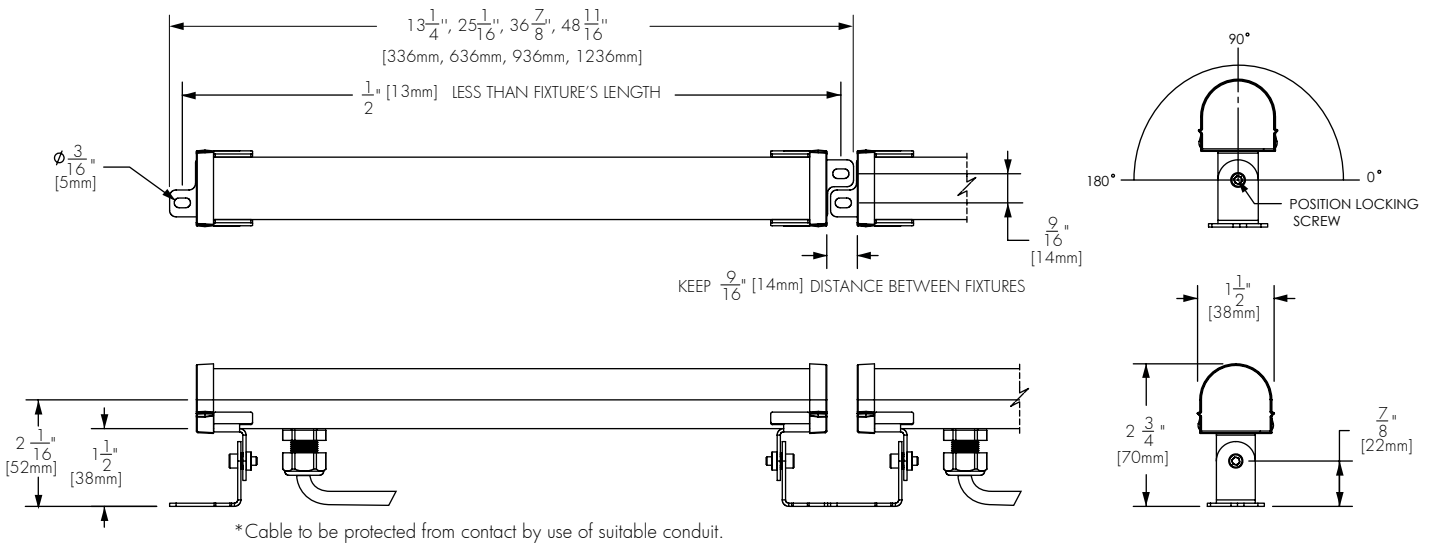
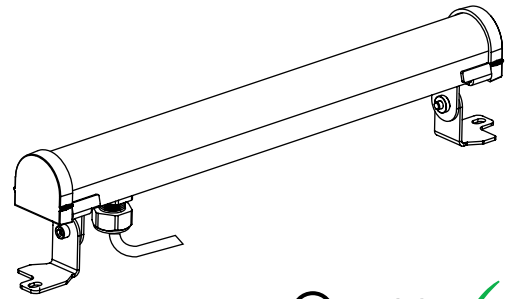
- Available in 1', 2', 3' or 4' sections
- PMMA extruded diffuser Housing (lens)
- 120° x 80°
- IP68 (submersible up to 10ft)
- Adjustable mounting is standard

### Performance :

- 2700K, 3000K or 4000K color temperatures available
- 332 delivered lumens per foot (4000K)
- Lumen maintenance L70 @ 25°C - 80,000 hrs
- Lumen measurements comply with LM - 79 - 08 standard
- Operating temperatures: -25°C to 50°C

### Electrical :

- 24V DC luminaire, remote power & data supply available for 120 to 277V (required but not included, see page 3 for options)
- 5W/ft
- 12ft cord (#18-2)
- 0-10 volt dimming option



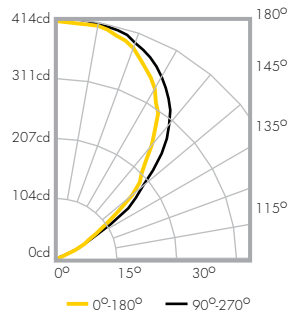
5 year warranty

## PHOTOMETRICS

### Lumensub 4' 2700K

Lamping	24.3W
Lumens	1034
Efficacy	43 lm/W

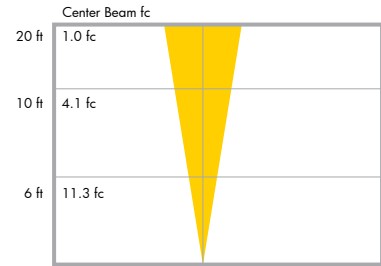
#### Polar Candela Distribution



#### Candela Table

	0	22.5	45	67.5	90
90	1	1	1	2	0
95	2	2	2	4	4
105	3	3	3	6	212
115	34	42	38	70	240
125	105	123	150	241	298
135	207	220	255	317	332
145	305	315	336	364	364
155	361	370	382	394	389
165	398	403	407	405	403
175	407	409	414	409	410
180	410	410	410	410	410

#### Illuminance at Distance

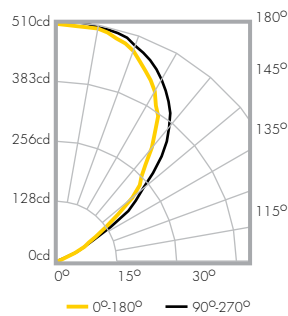


20.2 ft (6.1 m)  
1 fc @ nadir maximum distance

### Lumensub 4' 3000K

Lamping	23.8W
Lumens	1264
Efficacy	53 lm/W

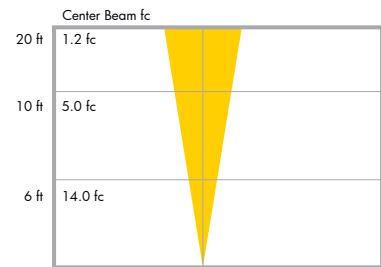
#### Polar Candela Distribution



#### Candela Table

	0	22.5	45	67.5	90
90	2	2	2	4	0
95	4	4	3	5	7
105	5	4	4	7	423
115	40	42	38	83	307
125	130	154	183	289	372
135	257	272	317	377	413
145	371	381	404	440	453
155	436	443	465	478	481
165	484	488	496	497	498
175	504	505	510	505	506
180	505	505	505	505	505

#### Illuminance at Distance

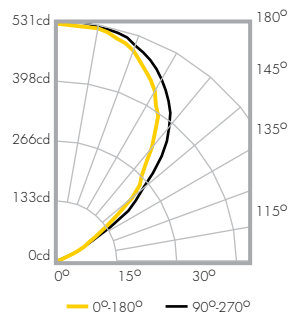


22.4 ft (6.8 m)  
1 fc @ nadir maximum distance

### Lumensub 4' 4000K

Lamping	24.3W
Lumens	1326
Efficacy	54 lm/W

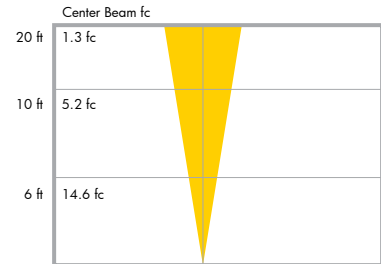
#### Polar Candela Distribution



#### Candela Table

	0	22.5	45	67.5	90
90	2	2	2	3	0
95	3	3	3	6	6
105	4	4	4	8	420
115	44	54	49	91	309
125	135	158	193	310	383
135	266	283	328	407	426
145	392	404	432	467	468
155	464	475	491	506	500
165	511	517	523	520	518
175	523	525	531	525	526
180	526	526	526	526	526

#### Illuminance at Distance



22.9 ft (6.9 m)  
1 fc @ nadir maximum distance

Photometric data based on test results from an independent NIST traceable testing lab. IES data is available at [www.lumenpulse.com/en/support](http://www.lumenpulse.com/en/support). Always refer to our website download section for the latest updates of our IES files.

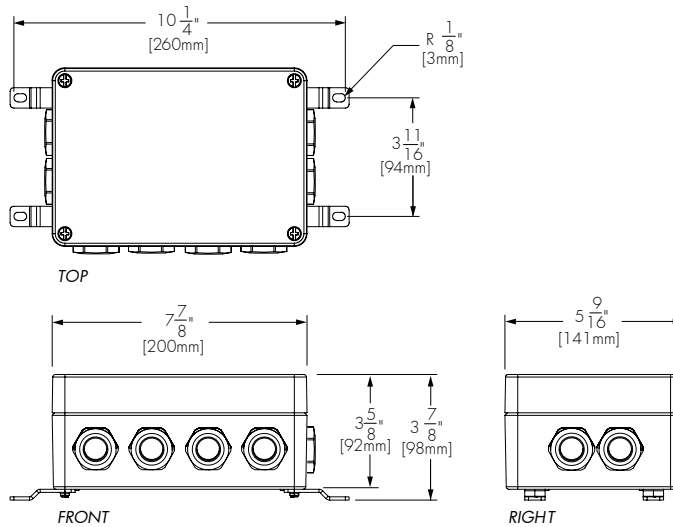
## ACCESSORIES

REQUIRED BUT NOT INCLUDED, Order separately

Exterior remote power supply boxes :

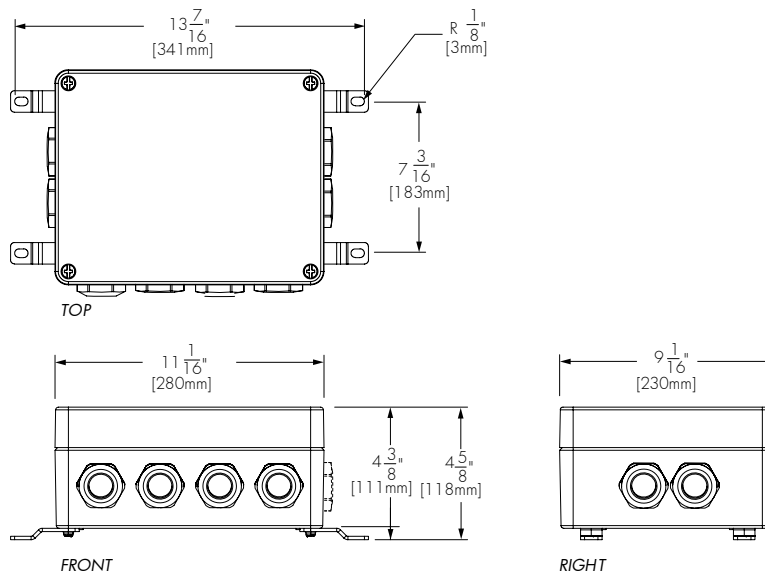
**PSBOX60** Remote class 2 power supply 60W (120-277V to 24V DC) for outdoor applications (enclosure included).

**PSBOX60D** Remote class 2 power supply 60W with dimming module (120-277V to 24V DC) for outdoor applications (enclosure included).



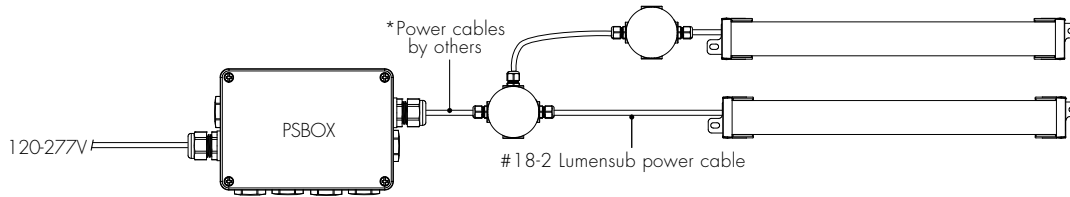
**PSBOX100** Remote class 2 power supply 100W (120-277V to 24V DC) for outdoor applications (enclosure included).

**PSBOX100D** Remote class 2 power supply 100W with dimming module (120-277V to 24V DC) for outdoor applications (enclosure included).

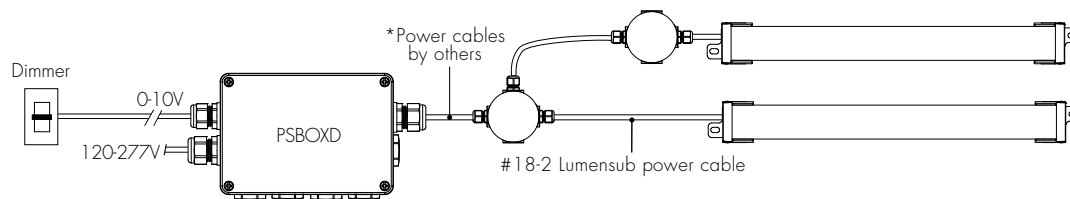


## TYPICAL WIRING DIAGRAMS

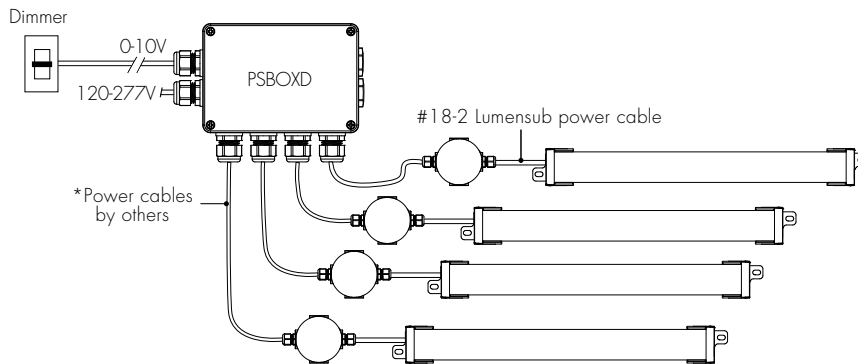
### Non-Dimming Version



### Dimming Version (0-10V)

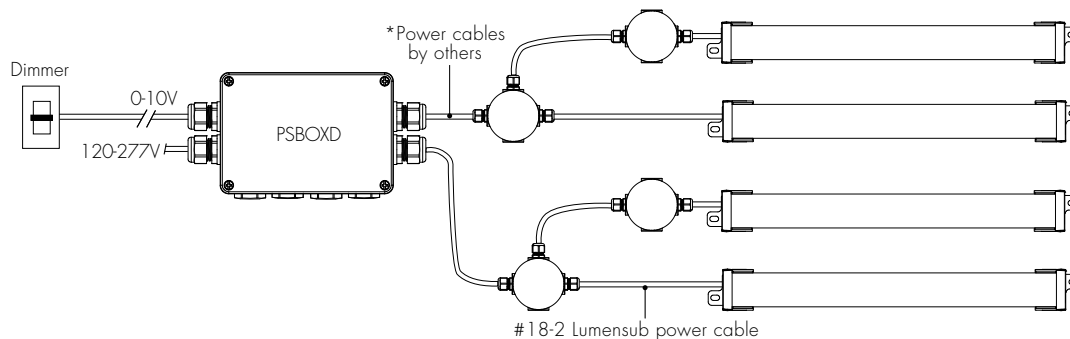


### Typical Layouts



Maximum run length :  
For 1' to 4' single fixtures  
(#18-2 cable) - 150' max  
cable length from PSBOX to fixture.  
(Consult factory for custom applications).

- OUTPUT QUANTITY DEPENDS ON PROJECT LAYOUT.
- UP TO 6 OUTPUTS TO FIXTURES.
- ADD UP ALL FIXTURE RUN LOADS AND BE SURE THEY DO NOT EXCEED THE CAPACITY OF THE PSBOX.



\*Cable to be protected from contact by use of suitable conduit.

## HOW TO ORDER

SLC	24V		
Housing	Voltage	Length	Colors and color temperatures
1	2	3	4

1

### Housing:

SLC - Lumensub™ linear

2

### Voltage:

\*24V DC fixture. Refer to page 3 for remote power supply options.

3

### Length:

12 - 13 1/4 inches (336mm) (0.20 kg/ 0.44lbs)

24 - 25 1/6 inches (636mm) (0.40 kg/ 0.9 lbs)

36 - 36 7/8 inches (936mm) (0.60 kg/ 1.33 lbs)

48 - 48 11/16 inches (1236mm) (0.80 kg/ 1.78 lbs)

3

### Colors and Color temperatures:

27K - 2700K

30K - 3000K

40K - 4000K

RD - Red

GR - Green

BL - Blue

A

### Dimming:

Specify dimming option in remote power supply code (see page 3).