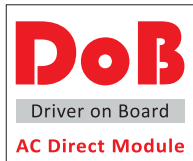


WCED-3D

3" Wall Mount Cylinder Down Light

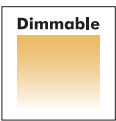
WCED-3UD

3" Wall Mount Cylinder Up and Down Light



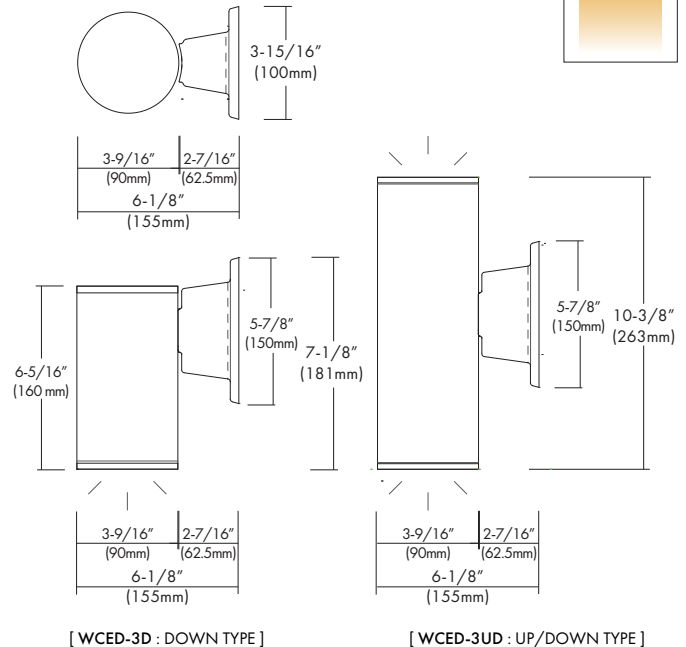
Catalog #		Type
Project		Date
Prepared by		

3" LED Cylinder



[WCED-3D : DOWN TYPE]

[WCED-3UD : UP/DOWN TYPE]



DESCRIPTION

The WCED 3" Round Cylinders are Suitable for Wet Location and IP65 rated for outdoor use. These wall mount cylinders come in two versions : down light and up & down light. The fixtures are offered in 13W and 17W LED, DoB modules with a customized IC, highbred circuit on board with dimming down to 5% with most Triac and ELV dimmers or 0-10V dimming. Non-Isolated DoB, Direct AC technology has low heat, great reliability and has been designed for these fixtures to operate environments between -22° F to 104° F (-30° C to 40° C). Optional Photo Cell is available for Dusk to Dawn operation and EM drivers for emergency lighting.

DESIGN FEATURES

Features

- All aluminum construction, powder coat painted in white, black or silver finish for harsh, weatherproof applications.
- 80 or 90 CRI with color temperatures in 3000K, 3500K or 4000K.
- Wet Location, IP65 Rated.
- Dimming with most Triac and ELV dimmers or 0-10V dimmers. **Warning:** Non-Isolated DoB fixtures cannot use 0-10V Electronic Relay Systems without incurring damage. For those type of Electronic Dimming Systems, order the Optional Isolation 0-10V Dongle: **DONGLE-ISO1.0**. 1 Dongle is used for each fixture dimmed.
- Optional Photo Cell and Emergency Drivers are available.

Mounting

- Mount completely assembled fixture directly on the wall surface using appropriate anchor bolts or screws (supplied by others).

Limited Warranty

- LED Module & Product: 3 years

Listing

- cCSA-us Wet Location

SPECIFICATION	
Input Voltage	13W (120V Only) 17W (120/277V)
Wattage (+/-5%) (x2)*	13 W 17W
Lumen (+/-5%)	1,160lm 1,375lm
Efficacy (LPW)	89.2lm/W 80.9lm/W
Beam Angle	39° 62°
CRI (Typical)	80, 90
CCT (Color +/-5%)	3000K, 3500K, 4000K
Dimming	Triac, ELV or 0-10V**
LED Module	5 yr/50K hr
Environment	Wet Location

*Double wattage for Up/Down Type

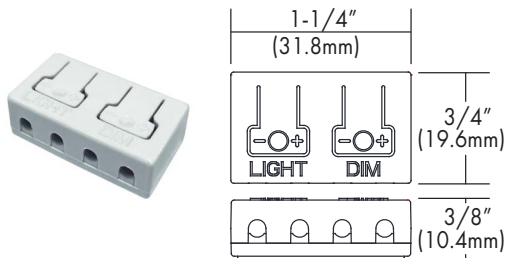
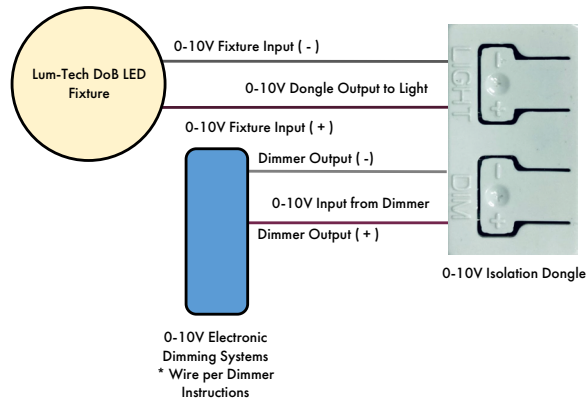
120V Approved Dimmers
* Lutron: Skylark S-600 : MRF2-6DN-120 : MACL-153M : DVLV-600P : SELV-300P : CTCL-153P : DVEL-303P : DVCL-153P
* Leviton: D600R, Acenti: Ate06, Trimatron #705W
* Cooper Devine incandescent dimmer 600W
* Pass&seymour harmony incandescent 600W
For 0-10V Driver**
* Lutron: Nova 0-10V : NTFTV Diva 0-10V : DDTV
* Leviton: Decora 0-10V : IP710DL
* Consult tech. service or factory for additional dimmers ** Consult with factory if you are not using the approved dimmers
** WARNING: DO NOT USE 0-10V Electronic Relay Systems like Acuity nPP16 EFP or Creston GLXP-DIMFLV8-LP units with Lum-Tech DoB fixtures. If you want to use a 0-10V Electronic Relay System, order the optional DONGLE-ISO1.0 which will prevent damage to the fixtures.

OPTIONS



- PCELL = Photocell for Dusk to Dawn operation. Outdoor use ONLY.

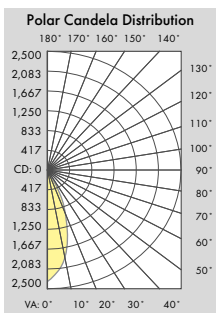
0-10V Isolation Dongle Wiring Diagram for Electronic 0-10V Relay Systems



- DONGLE-ISO1.0= For use with 0-10V Electronic Relay Dimming Systems

PHOTOMETRIC REPORT

* Contact Factory for IES File

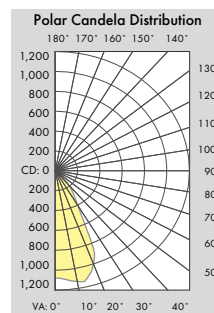


[WCED-3(U)D-DOB-13-830]

Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	590.4 fc	1.4 ft
4.0ft	147.6 fc	2.7 ft
6.0ft	65.6 fc	4.1 ft
8.0ft	36.9 fc	5.4 ft
10.0ft	23.6 fc	6.8 ft
12.0ft	16.4 fc	8.2 ft

Beam Spread: 39°



[WCED-3(U)D-DOB-17-830]

Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	268.4 fc	2.4 ft
4.0ft	67.1 fc	4.8 ft
6.0ft	29.8 fc	7.2 ft
8.0ft	16.8 fc	9.6 ft
10.0ft	10.7 fc	12.0 ft
12.0ft	7.5 fc	14.4 ft

Beam Spread: 62°

Model	-Driver	-Watts	-CRI	Color Temp.*	Housing Finish*	-Options
WCED-3D = 3" Wall Cylinder Down Light	-DOB = LED DoB, TRIAC/ELV Dimming	-13 = 13W (x2)* -17 = 17W (x2)*	-8 = 80 CRI -9 = 90 CRI	30 = 3000K 35 = 3500K 40 = 4000K	WH = White BK = Black SI = Silver	-PCELL = Photocell for Outdoor use ONLY -EM = Emergency Driver
WCED-3UD = 3" Wall Cylinder Up/Down Light	-ZDOB = LED DoB, 0-10V Dimming	*Double wattage for Up/Down type				-DONGLE-ISO1.0 = For use with 0-10V Electronic Relay Dimming Systems. Use 1 Dongle for each fixture dimmed.

Example : WCED-3UD-DOB-13-830WH

* Consult factory for other Color Temperatures and Finishes

