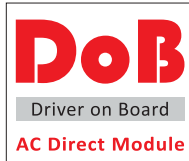


WCED-4SD

4" Wall Mount Square Cylinder Down Light

WCED-4SUD

4" Wall Mount Square Cylinder Up and Down Light



Catalog #		Type
Project		Date
Prepared by		

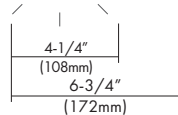
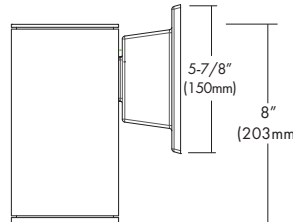
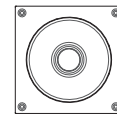
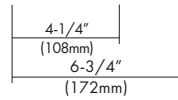
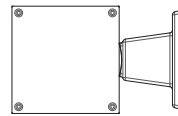
4" Square LED Cylinder



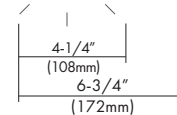
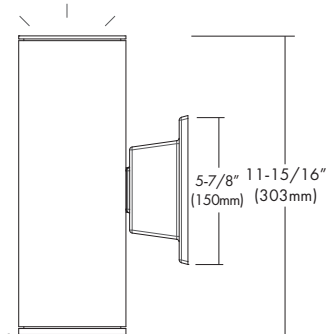
[WCED-4SD : DOWN TYPE]



[WCED-4SUD : UP/DOWN TYPE]



[WCED-4SD : DOWN TYPE]



[WCED-4SUD : UP/DOWN TYPE]

DESCRIPTION

The WCED 4" Square Cylinders are 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, 17W and 27W LED, DoB modules with a customized IC, highbred circuit on board with dimming down to 5% with most of 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.
- 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	120/277V		
Wattage (+/-5%) (x2)*	13 W	17W	27W
Lumen (+/-5%)	1,190lm	1,415lm	2,110lm
Efficacy (LPW)	91.5	83.2	78.1
Beam Angle	42°	42.5°	49°
CRI (Typical)	80, 90		
CCT (Color +/-5%)	3000K, 3500K, 4000K		
Dimming	Triac, ELV or 0-10V**		
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 : DVELV-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

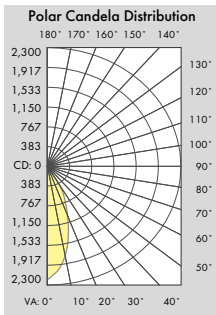
OPTIONS



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

PHOTOMETRIC REPORT

* Contact Factory for IES File

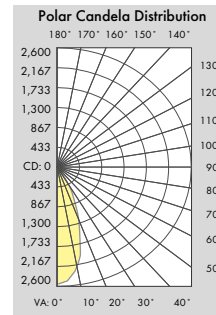


Illuminance at a Distance

Center Beam FC	Beam Width
2.0ft: 551.5 fc	1.5 ft
4.0ft: 137.9 fc	3.1 ft
6.0ft: 61.3 fc	4.6 ft
8.0ft: 34.5 fc	6.1 ft
10.0ft: 22.1 fc	7.7 ft
12.0ft: 15.3 fc	9.2 ft

Beam Spread: 42°

[WCED-4S(U)D-DOB-13-830]

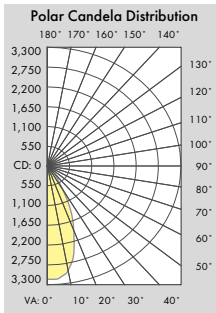


Illuminance at a Distance

Center Beam FC	Beam Width
2.0ft: 635.6 fc	1.6 ft
4.0ft: 158.9 fc	3.1 ft
6.0ft: 70.6 fc	4.7 ft
8.0ft: 39.7 fc	6.2 ft
10.0ft: 25.4 fc	7.8 ft
12.0ft: 17.7 fc	9.3 ft

Beam Spread: 42.5°

[WCED-4S(U)D-DOB-17-830]



Illuminance at a Distance

Center Beam FC	Beam Width
2.0ft: 791.3 fc	1.8 ft
4.0ft: 197.8 fc	3.7 ft
6.0ft: 87.9 fc	5.5 ft
8.0ft: 49.5 fc	7.3 ft
10.0ft: 31.7 fc	9.2 ft
12.0ft: 22.0 fc	11.0 ft

Beam Spread: 49°

[WCED-4S(U)D-DOB-27-830]

Model	-Watts	-CRI	Color Temp.*	-Driver	-Housing Finish*	-Options
WCED-4SD = 4" Wall Square Cylinder Down Light	-13 = 13W (x2)* -17 = 17W (x2)*	-8 = 80 CRI -9 = 90 CRI	30 = 3000K 35 = 3500K 40 = 4000K	-DOB = LED DoB, TRIAC/ELV Dimming -ZTDOB = LED DoB, 0~10V Dimming	-WH = White -BK = Black	-PCELL = Photocell for Outdoor use ONLY -EM = Emergency Driver
WCED-4SUD = 4" Wall Square Cylinder Up/Down Light	-27 = 27W (x2)*					

*Double wattage for Up/Down Type

Example : WCED-4SUD-13-830-DOB-WH

* Consult factory for other Color Temperatures and Finishes

