Cetus

LED Dusk to Dawn

Project

Catalog

Type

Date

Product Description

The Cetus LED Dusk to Dawn utilizes next-generation design in a Selectable CCT model. The ODL provides a light output suitable for general purpose security and area lighting. An exernal switch offers the ability to adjust the CCT to 3000, 4000, 5000, or 5700K. The ODL is an economical and efficient lighting solution that includes a photocell and easily installs on a directly to a wall or on an extension pole (included).

Construction
- Die-cast aluminum housing
- Tubular steel arm (2" diameter), 21" (length)
- Stainless steel hardware
- Fine-textured, UV-stabilized powder coat grey finish

Optical System
- Non-yellowing polycarbonate lens
- Open-bottom polycarbonate prismatic diffuser
- Uses a dual emitter array that enables CCT selection of 3000, 4000, 5000 or 5700K
- CRI 70+

Electrical
- Input voltage of 120-277VAC
- Power factor: >0.9
- THD < 20%
- Operating temperature rating of -4° to 104°F (-20°C to 40°C)

Controls
- 3-pin Photocell (Daytime OFF / Nighttime ON) included standard

Mounting and installation
- Easy installation on wall or pole (pole mount arm included)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Listings
- LM-79, LM-80 testing performed in accordance with IESNA standards
- UL and CUL Listed for wet locations
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- TM-21 Reported L70(17k) life >90,000 hours for Select model
- DLC Standard

Warranty
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

ODL3

LED Dusk to Dawn

6000 Lumen

CCT Selectable

Cetus

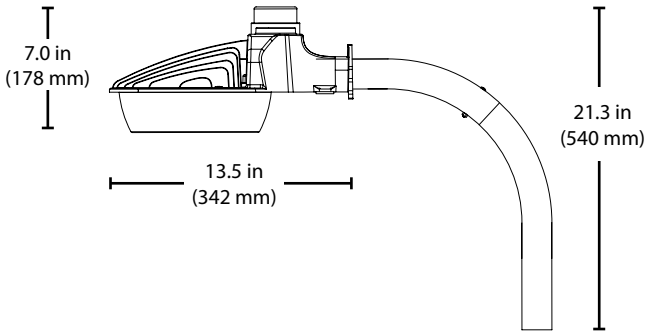
LED Dusk to Dawn

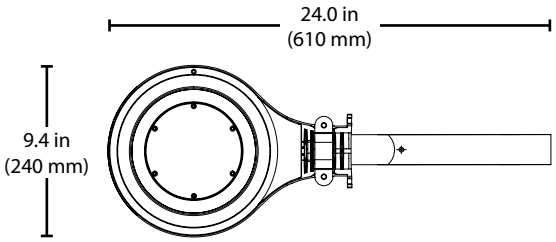
Ordering

Ordering Information						*Example: ODL3050MVSGRP*
Series	**Version**	**Wattage**	**Voltage**	**CCTs**	**Finish**	**Photocell**
ODL	**3**	**050** (50 W)	**MV** (120-277)	**S** (Select 3/4/5/57K)	**GR** (Grey)	**P** (Photocell)

Specifications and dimensions subject to change without notice.

Dimensions



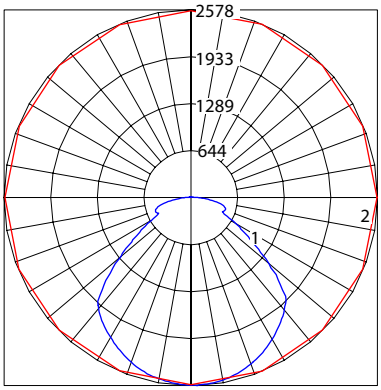


Photometric Data

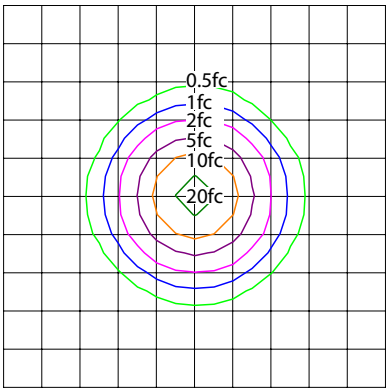
ODL3050 Selectable 5000K	
Input Voltage (VAC)	120-277
System Level Power (W)	47.4
Delivered Lumens (Lm)	6837
System Efficacy (Lm/W)	144.2
Correlated Color Temp (K)	4840
Color Rendering Index (CRI)	75
Beam Angle (0)	101.8
Beam Angle (90)	101.0
Spacing Criteria (0)	1.32
Spacing Criteria (90)	1.30
BUG rating	B3-U3-G2

Intensity Summary (Candle Power)	
Angle	Mean CP
0	2570
5	2558
15	2491
25	2342
35	2141
45	1746
55	961
65	497
75	480
85	196
90	85

Zonal Lumen Summary		
Zone	Lumens	%of Luminaire
0-30	2015	29.5%
0-40	3339	48.8%
0-60	5516	80.7%
0-90	6726	98.4%
90-180	110	1.6%
0-180	6837	100%



1 - Vertical Plane Through Horizontal Angle
2 - Horizontal Cone Through Vertical Angle



10' Mounting Height (1 square = 100 sq ft)

Performance Data					
Model Number	CCT	Lumens	Watts	Lumens/Watt	BUG Rating
ODL3050MVSGRP	3000	5989	47.5	126.1	B2-U3-G1
	4000	6919	47.9	144.4	B3-U3-G2
	5000	6837	47.4	144.2	B3-U3-G2
	5700	6187	47.2	131.1	B2-U3-G2

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.