

Date:	Project:	Type:	Notes:	Catalog #:
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Orbis SERIES LED Round Parking Garage Fixture

The Orbis Series is a round shaped fixture with white acrylic lens for soft, glare free illumination.



Features & Specifications

Applications

Ideal for use in parking garages, covered parking, low bay and canopies.

Construction

Housing made from die formed heavy gauge cold rolled steel and is finished with a post- production baked white anti-rust coat. High efficient visual comfort diffused lens. Quarter turns for easy installation.

Mounting

Surface mount. Can be pendant mounted (installer supplied). Cord and plug options offered.

Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V Dimming standard. 347/480V option. 50/60HZ input frequency.

Operating Temperature

Suitable for -40°C – 50°C Ambient

Lumen Maintenance

L70 rating of 156,000 hours

Warranty

Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

Certification

ETL Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified. RoHS Compliant. IP65 & IP66 Rated.



Performance Data

FSC Part #	Form Factor	Wattage	Delivered Lumens	CCT	CRI
ORBIS-16	16"	40W	4,590 LM	40K, 50K	>80
ORBIS-16	16"	60W	6,543 LM	40K, 50K	>80
ORBIS-16	16"	80W	9,179 LM	40K, 50K	>80

Catalog Ordering

Sample Part # ORBIS-16-60W-8-40K

ORBIS								
1	2	3	4	5	6	6	6	6

1 - Series	2 - Diameter	3 - Watts	4 - CRI & Color Temp (CCT)
ORBIS	16 (16" in Diameter)	40W (32 Watts) 60W (55 Watts) 80W (72 Watts)	8-40K (80 CRI- 4000 Kelvin Temp) 8-50K (80 CRI- 5000 Kelvin Temp)

5- Controls

- PRGOS-LR** IRTEC LRD Programmable Sensor with Remote
- PRGOS-ON** IRTEC ON-LRD Mesh Network Programmable Occ Sensor
- PRGOS-FS** Wattstopper FSP Programmable Occ Sensor w/ Remote Control

6- Options

- EMR** Title 20 Compliant Emergency Battery Backup, 10 Watts, ~1300 Lumens (lumens will change based on fixture selection)
- ETS-DR** UL924 Emergency Lighting Control Device
- PLG 6'** SJT Cord & Plug

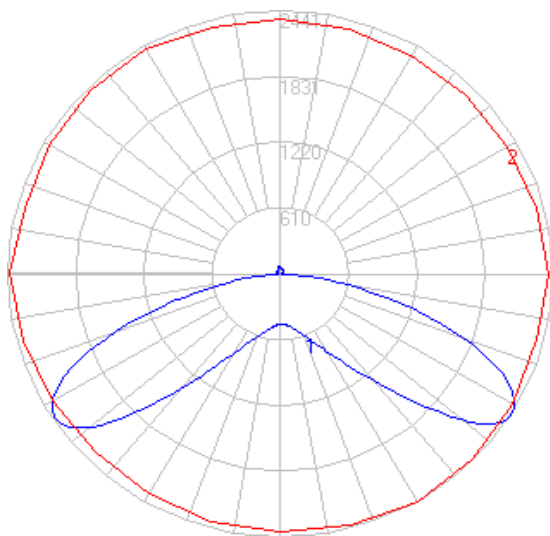
Photometric Data

ORBIS-16-80W-850K-WQ Tested in accordance to IESNA

Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	46.94	0.56%
10-20	160.95	1.94%
20-30	343.44	4.15%
30-40	694.97	8.40%
40-50	1383.61	16.72%
50-60	2088.20	25.23%
60-70	2092.92	25.29%
70-80	1137.98	13.75%
80-90	204.48	2.47%
90-100	17.99	0.22%
100-110	22.91	0.27%
110-120	27.03	0.32%
120-130	26.77	0.32%
130-140	25.36	0.30%
140-150	24.15	0.29%
150-160	20.47	0.24%
160-170	14.65	0.17%
170-180	5.68	0.07%

Polar Graph

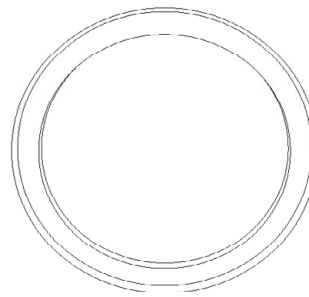


Physical Characteristics

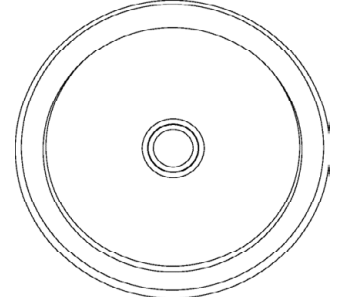
Dimensions

Version	Depth	Diameter	Weight
16" Round	4.82"	15.94"	15lbs

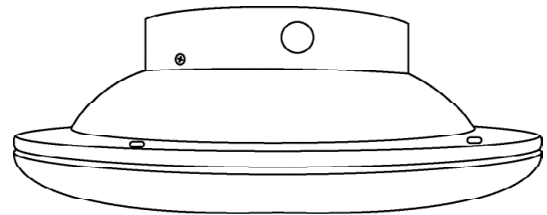
Top View Standard



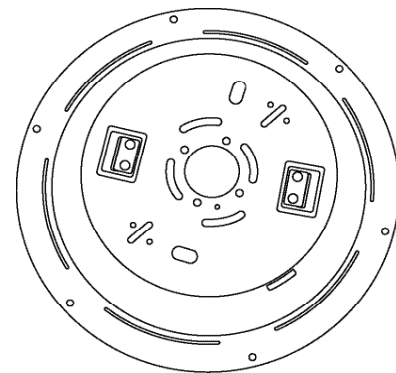
Top View with Sensor



End View



Back View



Options

PRGOS-LO (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)

