

Date:	Project:	Type:	Notes:	Catalog #:
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**Orbis SERIES- By Mirus Lighting  
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. Pendant mount available. 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<sup>1</sup>. RoHS Compliant. IP65 & IP66 Rated.

**Performance Data**

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens at 50K	Efficacy	CRI
16" Round	40W	32.20W	5,003 LM	156.25 LPW	>80
16" Round	60W	55.20W	7,016 LM	127.10 LPW	>80
16" Round	80W	72.11W	9,531 LM	132.17 LPW	>80



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 (32.20 Watts)	60W (55.20 Watts)	80W (72.11 Watts)	8-40K (80 CRI- 4000 Kelvin Temp)	8-50K (80 CRI- 5000 Kelvin Temp)		

**5- Controls**

- S-PRGOS-LR ([IRTEC LRD509 Programmable Occ Sensor w/ Remote Control](#))
- S-PRGOS-FS ([Wattstopper FSP211 Programmable Occ Sensor w/ Remote Control/ Integral and J-Box Mounted](#))
- S-PRGOS-ON (IRTEC ON LRD509 Line Voltage OS-NET Sensor)

**6- Options**

- 480SD (480V Step Down)
- EMR (Emergency Battery Back-Up- Approx 1000 lms)<sup>2</sup>
- PLG (6' SJT Cord & Plug)
- US (Up Shield)
- TT (Tech Tray)
- MQ (Medium Light Distribution)
- WQ (Wide Light Distribution)
- PP (PowerPlus)
- BAA (Buy American Act Compliant)

**Notes**

1 Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/](http://www.designlights.org/) to confirm which versions are qualified.  
 2 Lumens will change based on fixture selection. Consult with factory for additional options.

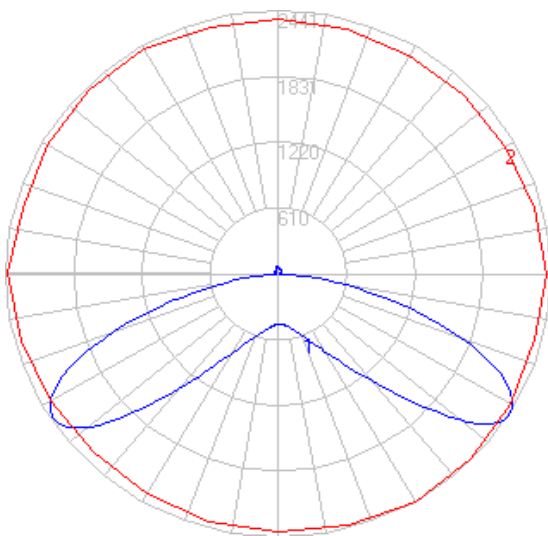
## Photometric Data

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

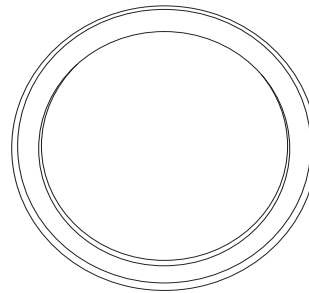


## Physical Characteristics

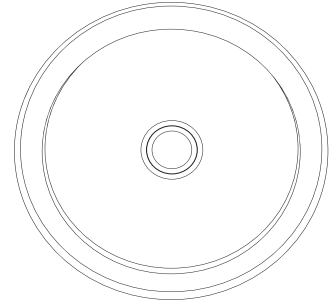
### Dimensions

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

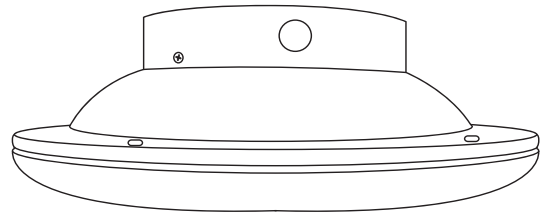
Top View Standard



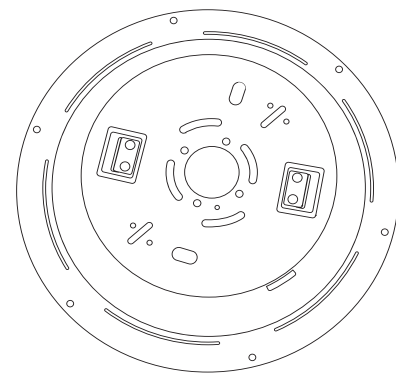
Top View with Sensor



End View



Back View



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## Options

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

