

| | | | | |
|-------|----------|-------|--------|------------|
| Date: | Project: | Type: | Notes: | Catalog #: |
|-------|----------|-------|--------|------------|

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. 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) qualified¹. 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 |

| 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-LO** (IRTEC LOD509 Bi-Level Occ Sensor w/ Photocell)
- 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) ²
- PLG** (6' SJT Cord & Plug)
- US** (Up Shield)
- TT** (Tech Tray)
- MQ** (Medium Light Distribution) ³
- 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/ to confirm which versions are qualified.
 2 Lumens will change based on fixture selection. Consult with factory for additional options.
 3 Special order. MOQ 100 pieces. Contact factory for lead time.

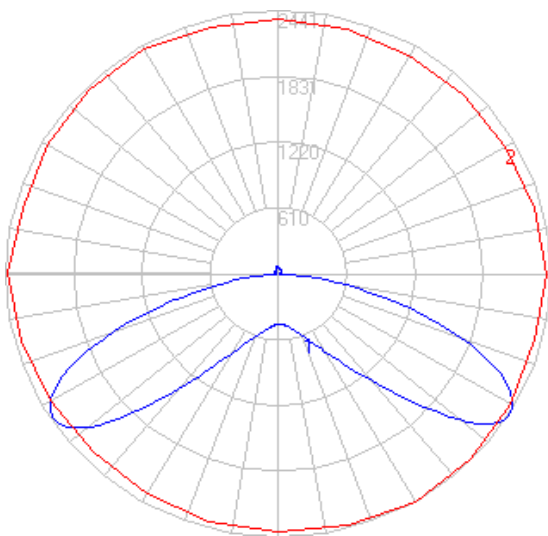
Photometric Data

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

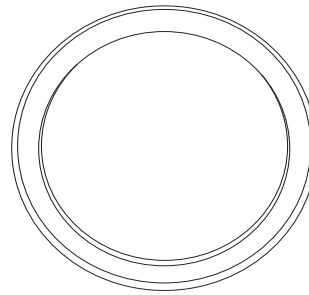


Physical Characteristics

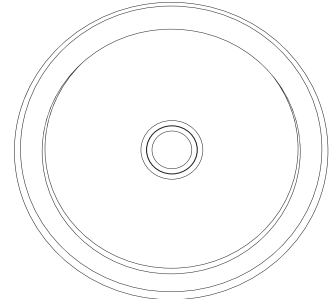
Dimensions

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

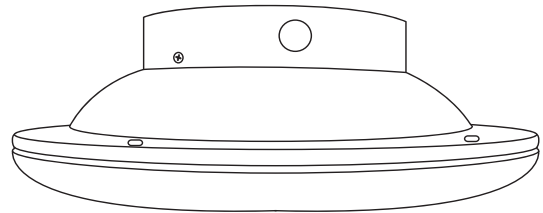
Top View Standard



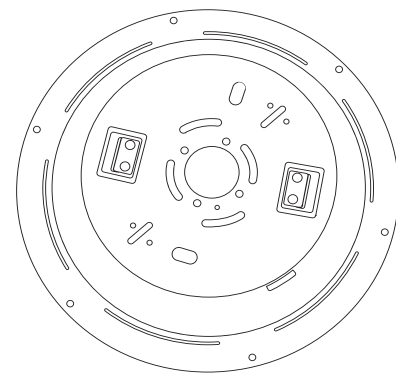
Top View with Sensor



End View



Back View



Options

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

