

Featuring Beaconnect Lighting Control Technology

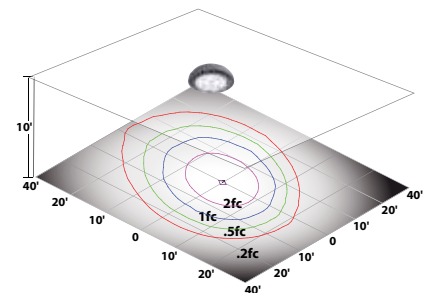


Orbeon is a energy-saving high performance LED parking garage and canopy luminaire which utilizes high powered LEDs, precise efficient optical control, and features application versatility through integrated intelligent control options. Orbeon is designed to replace up to 175 Watt HID lamps with 60 watts, and at the same time reduce maintenance by delivery of over 100,000 hours of projected life.

## ORBEON

- Compact size measuring only 5.3" x 11.25"
- Certified to UL 1598 and 8750 for use in wet locations.
- Monolithic die cast aluminum housing provides direct convective heat exchange between LED light engine and cool ambient air.
- 120V through 277V, 50 Hz to 60 Hz.
- Electro-galvanized mounting bracket for quick and easy mounting to overhead junction box.
- 20KA surge protection standard.
- Electrical components are rated at 100,000 hours at full load and 25°C ambient conditions.
- An optional bird guard provides a conical surface surrounding the junction box, to deter birds from nesting atop the luminaire.
- Optional Beaconnect wireless control provides an affordable and reliable controls solution.
- LED drivers are strategically heat sunk to the main housing for maximum reliability and longevity.
- Four unique lighting distributions.

### PERFORMANCE



Catalog Number	Equivalency		Delivered Lumens	System Watts	Lumens Per Watt	Beam Pattern	CCT	Voltage	Drive Current
	MH	HPS							
ORB / 18LED-60 / 5K / L5W / UNV / GYS	175w	150w	7,085	63	112	Wide	5000K	120-277V	1000mA





## ORDERING INFORMATION ORDERING EXAMPLE: ORB/18LED-60/5K/T5R/UNV/BCG-G1-Z1/BMD-30M-50-8F/BDG/GYS

ORB	18LED-60						
SERIES	ENGINE-WATTS	LED COLOR	OPTICS		CONTROL OPTIONS	SENSOR OPTIONS <sup>1,2,3,4</sup>	FINISH
<b>ORB</b> Orbeon surface/ceiling/garage luminaire	<b>18LED-60</b> 60W, 18 LED array	<b>3K</b> 3000K <b>4K</b> 4000K <b>5K</b> 5000K	<b>L5W</b> one-piece lens type V, wide <b>T5W</b> type V, wide <b>T5R</b> type V, rectangular <b>T5QN</b> type V, square narrow <b>T5QM</b> type V, square medium <b>5X5</b> type V, concentrated <b>DF</b> diffusing lens	<b>VOLTAGE</b> UNV 120-277V	<b>BCG<sup>1,2</sup></b> Beaconnect	<b>BMD<sup>2,3,4</sup></b> Beaconnect with motion sensor, low mounting height lens	<b>BBT</b> basic black textured <b>BMT</b> black matte textured <b>WHT</b> white textured <b>MBT</b> metallic bronze textured <b>BZT</b> bronze textured <b>DBT</b> dark bronze textured <b>GYS</b> gray smooth <b>DPS</b> dark platinum smooth <b>GNT</b> green textured <b>MST</b> metallic silver textured <b>MTT</b> metallic titanium textured <b>OWI</b> old world iron <b>RAL</b> _____



DesignLights Consortium qualified. Consult DLC website for more details: <http://www.designlights.org/QPL>

### ACCESSORIES/REPLACEMENT PARTS - Order Separately

Catalog Number	Description
<b>ORB-BRDGRD</b>	Bird Guard



1. Specify group and zone. See Orbeon application guide for more details.
2. Must use Beaconnect with motion sensor. See Orbeon application guide for more details.
3. Specify time delay; dimming level and mounting height.
4. Not available with L5W lens options.

We have made lighting control **simple, affordable and reliable...**



### It's as simple as Specify-Ship-Install

Beaconnect luminaires can arrive to the site pre-programmed and ready to install, yet Beaconnect has the flexibility to modify the schedules in the field at anytime. This eliminates the cost and complication of field commissioning by factory experts.

### The power of wireless without the complication & cost of a web-based system

Each fixture operates independently and yet can communicate with each other when needed as a mesh system. This means all fixtures can be scheduled to be synchronized with **sensors by group, by zones or dimmed by time.**

### Cyber Safe

Beaconnect is not a web based system. It is cyber safe because the system stands independently from any existing on-site wireless systems. With no gateway requirements, there is no access through Beaconnect to other IT systems or the web.

