The Orbit acts as a technology vessel. It is designed for applications where a twist-lock control node requires a non-metallic enclosure on a post top luminaire. The Orbit can also incorporate lighting, sensors, cameras and more.

**CONSTRUCTION**
- Cast aluminum arm and tenon
- Glossy, UV stabilized PC black or white clip-in globe
- Watertight and durable design for exterior application
  - Silicone gaskets and stainless steel hardware
  - 360° orientable tenon and globe
- Available in 10 standard colors
- Textured (TX) or smooth (SM) finish
- Optional RAL colors are also available
- Super durable extremely resistant exterior polyester powder coating meets AAMA 2604 requirements (5 years South Florida exposure)
- For added protection a Marine Grade (MG) pre-finish is available to meet ASTM B117, D1654 and D2247 requirements (salt spray, corrosion and humidity resistance)

**FINISH**
- Available in 10 standard colors
- Textured (TX) or smooth (SM) finish
- Optional RAL colors are also available
- Super durable extremely resistant exterior polyester powder coating meets AAMA 2604 requirements (5 years South Florida exposure)
- For added protection a Marine Grade (MG) pre-finish is available to meet ASTM B117, D1654 and D2247 requirements (salt spray, corrosion and humidity resistance)

**ELECTRICAL**
- Easily accessible driver and surge protector with easy quick-disconnect connectors
- 120, 208, 240, 277, 347 or 480 volts available

**TENON ADAPTOR**
- Self-leveling
- Mounts on a Ø4” O.D. x 3” long tenon

**OPTIONS**
- LED in 3000K (GW3) or 4000K (GW4)
- Motion Sensor (MS)
- ANSI C136.41 standard 7-pin receptacle (PTDR)
- Photocell with 7-pin receptacle (PT)
- Long life photocell with 7-pin receptacle (PTL)
- Shorting cap with 7-pin receptacle (PX)
- MOM System monitoring photocell
- Dome camera adaptor
- Compatible with a wide variety of twist-lock control nodes from: Acuity • Cimcon • DimOnOff • Echelon • GE • Harvard • LED Roadway Lighting • Ripley • SELC • Sensity • Sun-Tech • Telensa • TriDiNetworks • WattStopper

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1 LED option available with white globe in 120-277 volts only.
2 Contact factory for further details.
3 Nodes with diameters exceeding 3 1/2” requires a special configuration. Please contact factory for further details.
Motion Sensor

THE RIGHT AMOUNT OF LIGHT AT THE RIGHT TIME

- 0-10V dimming
- Daylight sensing capable
- Weatherproof and UV resistant
- Easy on-site configuration of desired light levels
- Unoccupied dimming levels of 20, 50, 60 and 70%
- Wide coverage ratio of 3:1 mounting height to coverage
  Perfect for applications with 16 ft. mounting height or lower
- Mounted on the globe to allow combination with a control node. Also offered without globe
LED Globe

ENHANCED WITH A SMOOTH GLOW

- Low power LED available in 3000K or 4000K
- Circular LED board to allow combination with an ANSI C136.41 7-pin twist-lock node
- Uniform polycarbonate UV stable white globe for a smooth diffusion
- Transforms functional to decorative
- Clip-in, watertight design

1 For use with nodes without photosensor, or photosensor must be disabled.
A DIFFERENT POINT OF VIEW

- Simple plate adaptor for surface mount cameras. Due to variations of formats and mounting requirements, contact Cyclone Lighting for a solution adapted to your camera.

- Ideal for mini dome type camera diameters from 4” to 6 1/2”. Wire way must be within central diameter of 4”

- Compatible with a wide variety of cameras from: Arecont Vision • Axis • Bosch • Hikvision • KT&C • LG Panasonic • Pelco • Samsung • Vicon • Vivotek

1 Other brands may be compatible, contact Cyclone Lighting for more information.
Orbit
SCALE GUIDE

DIMENSIONS

OR1

OR2

REV. 0: 01/17
# Orbit

## Ordering Template

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VOLT</th>
<th>GLOBE 1</th>
<th>OPTIONS 1</th>
<th>GLOBE 2</th>
<th>OPTIONS 2</th>
<th>COLOR</th>
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<th>OP.FIN.</th>
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<td>120</td>
<td>GB</td>
<td>MS</td>
<td>GW3¹</td>
<td>MS²</td>
<td>BK</td>
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<td>MG</td>
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<td>GBO</td>
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<td>GW4¹</td>
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<td>PX²</td>
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<td></td>
<td></td>
<td>BG</td>
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</table>

¹GW3 and GW4 not available with MS, PT or PTL in same configuration.
²Available only with volts from 120 to 277.
³Option PTDR or PX with GW3 or GW4 not compatible with photosensing nodes.
⁴Available only with globe GBO.
⁵MS cannot be selected in options 2 if already selected in options 1.

## References

### MODEL
- OR1: SINGLE CONFIGURATION
- OR2: TWIN CONFIGURATION

### GLOBE
- GB: BLACK
- GBO: BLACK WITH OPENING FOR PHOTOCCELL
- GW3: WHITE WITH 3000K LED
- GW4: WHITE WITH 4000K LED

### OPTIONS
- MS: MOTION SENSOR
- PT: PHOTOCELL WITH 7-PIN RECEPTACLE (ANSI C136.41)
- PTDR: 7-PIN RECEPTACLE (ANSI C136.41)
- PTL: LONG LIFE PHOTOCELL WITH 7-PIN RECEPTACLE (ANSI C136.41)
- PX: SHORTING CAP WITH 7-PIN RECEPTACLE (ANSI C136.41)

### FINISH
- BK: BLACK RAL9005
- DG: DARK GREEN RAL6012
- MA: MARINE BLUE RAL5013
- SI: METALLIC SILVER RAL5013 (SMOOTH ONLY)
- BZ: DARK BRONZE RAL8019
- BG: BURGUNDY RAL3005
- GM: MOSS GREEN RAL6005
- PG: PALE GREY RAL7040
- WH: WHITE RAL9003

### TEXTURE
- TX: TEXTURED
- SM*: SMOOTH (METALLIC SILVER RAL5013 ONLY)

### OP.FIN. (OPTIONAL FINISH)
- MG: MARINE GRADE PRE-FINISH

## Configuration examples

- OR1 GW3/4 PTDR*
- OR1 GB/O PTDR*
- OR1 GB/O MS PTDR*
- OR2 GW3/4 PTDR* GW3/4
- OR2 GB/O PTDR* GW3/4
- OR2 GB/O MS PTDR* GW3/4
- OR2 GW3/4 PTDR* MS
- OR2 GB/O PTDR* MS
- OR1 MS

*Option PTDR or PT or PTL or PX.

GBO globe’s opening must be oriented with the photosensor.

360°
**Dim Switch**

The Step-Dimming Switch (SD) is a custom designed and engineered unit that provides hassle-free finetuning of light levels during or after fixture installation.

**DETAILS**

**CHARACTERISTICS**
- Quick, easy and tool-less on site adjustable light output
- Compatible with or without a photocell
- Easy quick-disconnect connectors
- Suits all Cyclone luminaire powers
- Optimized for Cyclone products, but can be sold as stand-alone accessory
- Compact enclosure

To specify the Step-dimming Switch, please select “SD” option in the fixture ordering code.

**Switch positions indicates % Power**

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<thead>
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<th>% Power</th>
<th>% Lumen</th>
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<td>34</td>
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<td>20</td>
<td>23</td>
</tr>
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</table>

1. Not compatible with central low voltage lighting controller. Lost fonctionnality of dimming of the photocell when (SD) installed.
2. Some restrictions may apply, please contact Cyclone Lighting for more information.