

ORB12
LED

Weight: 4.5 lbs

Catalog Logic

ORB12 **FR** **M016LD** **D** **W** **40K** **RTC** **UNV** **E6** **SWL** **41**

RLM Style Glass Light Source & Wattage Dimming Distribution CCT Driver Housing Voltage Mounting Accessories Finish

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

Material:
RLM shades are constructed of heavy duty spun aluminum. Wall back plate and driver housing are cast aluminum. All fasteners are stainless steel. Inside of shade is reflective white finish for all colors except galvanized paint finish. Screw hardware may not match paint.

Glass:
Choice of clear, frosted or prismatic glass up to **16w Max.**

Electrical:
GU24 socket, 120V only. Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming protocols are standard for LED modules. (12w is TRIAC dimming & 120v only)

See page 2 table for LED module and driver specs, voltage and dimming protocols.

Certifications:
Cord mounts are UL Listed for dry locations. Arm mount, stem mount and wall mount are UL Listed for wet locations.

Finish:
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or glass surface.

Modifications:
Consult factory for custom or modified luminaires.

| Catalog Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------|--------------|-----------|---------------|----------|----------|------------|------------|------------|-----------|----|
| | ORB12 | FR | M016LD | D | W | 40K | RTC | UNV | E6 | |

| 1 | GLASS |
|----------------------|-------------------|
| Up to 16w Max | |
| CL | (Clear Glass) |
| FR | (Frosted Glass) |
| PR | (Prismatic Glass) |

| 2 | LIGHT SOURCE & WATTAGES |
|---------------|--|
| GU24 | (GU24 Socket Only, 120V only) |
| M012LD | (12w, 750 lumen, Cree module) Integral driver, 120V, TRIAC dimming & narrow distribution only. |
| M009LD | (9w, 850 lumen, Cree module) |
| M010LD | (10w, 1250 lumen, Cree module) |
| M016LD | (16w, 2000 lumen, Cree module) |

| 3 | DIMMING |
|--|-----------|
| D | (Dimming) |
| See page 2 table for LED engine and driver specs, voltage and dimming protocols. | |

| 4 | DISTRIBUTION |
|----------------------------------|---|
| W | (T5 Wide Distribution with Dome LED Lens) |
| N* | (T5 Narrow Distribution with Flat LED Lens) |
| *12w is narrow only, select "N". | |

| 5 | COLOR TEMPERATURE (CCT) |
|------------|--------------------------|
| 27K | (2700K) |
| 30K | (3000K) (Not Sunset Dim) |
| 35K | (3500K) (Not Sunset Dim) |
| 40K | (4000K) (Not Sunset Dim) |

| 6 | DRIVER HOUSING |
|------------|--------------------------------|
| RTC | (Driver Canopy) |
| RTCNC | (Driver Canopy/No Spun Cover) |
| NA | (Housing not required for 12w) |

| 7 | VOLTAGE |
|------------|-----------|
| UNV | (120-277) |

| 8 | MOUNTING SOURCES |
|--|------------------|
| Arm Mounts (Cast back plate included (CB)) | |
| E3 E4 E6 E8 E9 | |
| E13 E15 E18 | |
| E20 E22 E25 E26 | |
| (See Step 5 for Driver Housing Options) | |

| Wall Mounts | |
|-------------|--|
| WM40 | |
| WM54 | |
| WM74 | |
| WM317 | |
| WM84 | |

| Post Mounts (Postline driver only; 4" OD/.125 pole required) | |
|---|--|
| PM10 | |
| PM20 | |
| PM30 | |
| PM40 | |
| PM50 | |
| PM319 | |

| Cord Mounts | |
|-------------|---|
| BLC | (6' black cord with 1" x 5 3/8" canopy) |
| WHC | (6' white cord with 1" x 5 3/8" canopy) |

| Stem Mounts | |
|---|-------------------------------|
| 1/2" (13/16" OD Rigid Stems with STC Flat Canopy) | |
| 2ST6 | 2ST12 2ST18 2ST24 2ST36 2ST48 |
| 2ST60 | 2ST72 2ST96 |
| 3/4" (1" OD Rigid Stems with STC Flat Canopy) | |
| 3ST6 | 3ST12 3ST18 3ST24 3ST36 3ST48 |
| 3ST60 | 3ST72 3ST96 |
| (See Step 5 for Driver Housing Options) | |

| 9 | ACCESSORIES |
|------|-----------------------------------|
| CBC | (Cast back plate Spun Alum Cover) |
| GR12 | (12" Wire Grill) |
| PC | (Button Photo Cell) Remote Only |
| SC | (Scroll for Arms) |
| SLC | (Sloped Ceiling Mount, 20° Max) |
| SQ | (Square Back Plate) |
| SWL | (Swivel) |
| TBK | (Turnbuckle Kit) |

| 10 FINISHES | | | | | |
|----------------|--------------|-----------------------|----------------|--------------|-------------------------------|
| Standard Grade | Marine Grade | | Standard Grade | Marine Grade | |
| 40 | NA | Raw Unfinished | 53 | 100 | Copper Clay |
| 41 | 101 | Black | 56 | 109 | Silver |
| 42 | 102 | Forest Green | 61 | 106 | Black Verde |
| 43 | 114 | Bright Red | 70 | 118 | Painted Chrome |
| 44 | 107 | White | 71 | 105 | Painted Copper |
| 45 | 112 | Bright Blue | 72 | 108 | Textured Black |
| 46 | 123 | Sunny Yellow | 73 | 125 | Matte Black |
| 47 | 120 | Aqua Green | 76 | 121 | Textured Architectural Bronze |
| 49 | NA | Galvanized | 77 | 127 | Textured White |
| 50 | 111 | Navy | 78 | 124 | Textured Silver |
| 51 | 103 | Architectural Bronze | 10 | 130 | Aspen Green |
| 52 | 104 | Patina Verde | 11 | 131 | Cantaloupe |
| 12 | 133 | Lilac | 13 | 132 | Putty |
| Premium Grade | Marine Grade | | Premium Grade | Marine Grade | |
| 81 | 129 | Extreme Chrome | 64 | 116 | Candy Apple Red |
| 80 | 117 | Textured Desert Stone | 65 | 122 | Cobalt Blue |
| 67 | 119 | Butterscotch | 82 | 128 | Graystone |
| 66 | 115 | Caramel | 69 | 113 | Gunmetal Gray |
| 68 | 126 | Black Silver | 83 | 134 | Oil Rubbed Bronze |

Consult factory for additional paint charges and availability

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

LED PERFORMANCE

MODULE

| LED Wattage | CCT | Typical Luminous Flux | System Wattage | Typical Efficacy |
|-------------|-------|-----------------------|----------------|------------------|
| 9W | 2700K | 850 | 11W | 97 |
| | 3000K | 850 | 11W | 97 |
| | 3500K | 850 | 11W | 97 |
| | 4000K | 850 | 11W | 97 |
| 10W | 2700K | 1250 | 12W | 125 |
| | 3000K | 1250 | 12W | 125 |
| | 3500K | 1250 | 12W | 125 |
| | 4000K | 1250 | 12W | 125 |
| 12W | 2700K | 750 | 12W | 65 |
| | 3000K | 750 | 12W | 65 |
| | 3500K | 750 | 12W | 65 |
| | 4000K | 750 | 12W | 65 |
| 16W | 2700K | 2000 | 19W | 125 |
| | 3000K | 2000 | 19W | 125 |
| | 3500K | 2000 | 19W | 125 |
| | 4000K | 2000 | 19W | 125 |

MODULE SPECIFICATION

- Efficacy 65-125 lumens per watt
- Dimmable down to 1%
- Life: L70 50,000 hours
- Color temp: 2700K,3000K,3500K and 4000K
- CRI: >90

MODULE DRIVER SPECIFICATION

- Input Voltage: 120-277 Volts; 50/60Hz
- 0-10V, TRIAC and ELV dimming protocols are standard. (24w is 0-10v only)
- Output Current: Constant Current: 440mA to 940mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.9
- Integral Surge Protection in conformance to ANSI C62.41 Category A

MODULE LISTINGS

- Fully compliant with the RoHS Directive
- Certifications: CE/UL

WARRANTY

See www.anplighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty*

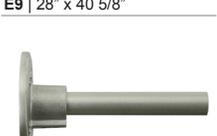
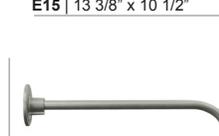
*Limited Warranty: A typical year is defined as 4380 hours of operation.

Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

ARM MOUNTS | Dimensions are Projection x Height | CB included with all arms

| | | | |
|--|--|--|---|
|  E3 32" x 11 7/8" |  E4 26" x 14" |  E6 26" x 9 1/4" |  E8 29 1/4" x 12 1/2" |
|  E9 28" x 40 5/8" |  E13 34" x 34 3/8" |  E15 13 3/8" x 10 1/2" |  E18 27 3/4" x 21 3/8" |
|  E20 7" x 4 1/2" |  E22 7 1/2" x 4 1/2" |  E25 23" x 5 1/4" |  E26 8 1/8" x 6" |

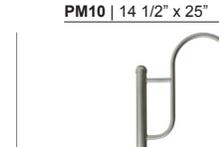
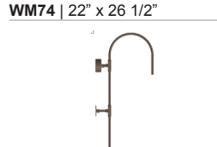
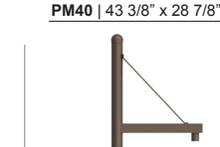
GLASS
UP TO 16W MAX

| | |
|---|------|
| Glass Legend: CL = Clear FR = Frosted PR = Prismatic | |
| Glass Only | |
|  | GLCL |
| | GLFR |
| | GLPR |

Driver Housing

| | |
|---|-------|
|  | RTC |
|  | RTCNC |

WALL MOUNTS | Dimensions are Projection x Height | **POST MOUNTS** | Dimensions are Projection x Height

| | | | |
|--|--|---|---|
|  WM40 13 7/8" x 14 3/4" |  WM54 23 3/8" x 18" |  PM10 14 1/2" x 25" |  PM20 30 1/8" x 25" |
|  WM74 22" x 26 1/2" |  WM317 15" x 12 3/4" |  PM30 21 5/8" x 28 7/8" |  PM40 43 3/8" x 28 7/8" |
|  WM84 26 1/2" x 57 1/4" | |  PM50 27" x 38" |  PM319 16 5/8" x 27 1/2" |

ACCESSORIES

| | | | |
|---|--|--|---|
|  CBC |  PC |  SC |  SLC |
|  SQ |  SWL |  TBK | |