11"

42"

10 3/8"

9 7/8"

6 3/4"
BOLT CIRCLE

90°

5/8"

**BL7901 - LED**
**Dark Sky Friendly**

**Weight:** 25.0 lbs
**BUG:** B1-U1-G0

Project: _____
Fixture Type: _____ Quantity: _____
Customer: _____

Made in USA | UL | Illuminating ENGINEERING SOCIETY

## Specifications

**Material:**
All parts are durable 356 cast aluminum and high strength extruded aluminum and spinnings. All mounting hardware shall be stainless steel or zinc plated steel.

**Lens:**
Choice of polycarbonate flat lens.

**Mounting:**
Standard anchor bolts are 3/8" x 10" x 2". Bolts, nuts and washers shall be hot diped galvanized steel.

Bolt pattern diameter is 6 3/4".

**Drivers:**
Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming to 1% protocols are standard for LED modules.

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

**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 gloss surface.

**Modifications:**
Consult factory for custom or modified designs.

## Catalog Logic

| BL7901 | CL | M016LDD | N | 40K | IBOLT | 72 |
|--------|-----|---------|---|-----|-------|-----|
| Bollard Series | Lens | Light Source & Wattage | Optics | CCT | Accessories | Finish |

## Catalog Number

| | 1 | 2 | 3 | 4 | 5 | 6 |
|--------|---|---|---|---|---|---|
| BL7901 | — | — | — | N | — | — |

## 1 LENS

**CL** (Clear Acrylic)

**FR** (Frosted Acrylic)

## 2 LIGHT SOURCE & WATTAGES

**M010LDD** (10w Cree Module)

**M016LDD** (16w Cree Module)

## 3 LIGHT SOURCE & WATTAGES

**N** (T5 Narrow Distributon with Flat LED Lens)

## 4 COLOR TEMPERATURE (CCT)

| | |
|---|---|
| **27K** | (2700K) |
| **30K** | (3000K) |
| **35K** | (3500K) |
| **40K** | (4000K) |

## 5 ACCESSORIES

**IBOLT** (Eye Bolt)

***EMG-LED5** (5w, LED Emergency Driver)

***EMG-LED7** (7w, LED Emergency Driver)

***EMG-LED10** (10w, LED Emergency Driver)

*For Emergency lumen output data, see Resources section at **www.ANPlighting.com**.

## 6 FINISHES
*Premium and Marine Grade Finish have additional charges

| Standard Colors | Standard Grade | Marine Grade* | Standard Colors | Standard Grade | Marine Grade* |
|-----------------|----------------|---------------|-----------------|----------------|---------------|
| Aspen Green | 10 | 10M | Architectural Bronze | 51 | 51M |
| Cantaloupe | 11 | 11M | Patina Verde | 52 | 52M |
| Lilac | 12 | 12M | Copper Clay | 53 | 53M |
| Putty | 13 | 13M | Silver | 56 | 56M |
| Raw Unfinished | 40 | NA | Black Verde | 61 | 61M |
| Black | 41 | 41M | Painted Chrome | 70 | 70M |
| Forest Green | 42 | 42M | Painted Copper | 71 | 71M |
| Bright Red | 43 | 43M | Textured Black | 72 | 72M |
| White | 44 | 44M | Matte Black | 73 | 73M |
| Bright Blue | 45 | 45M | Textured Architectural Bronze | 76 | 76M |
| Sunny Yellow | 46 | 46M | Textured White | 77 | 77M |
| Aqua Green | 47 | 47M | Textured Silver | 78 | 78M |
| Galvanized | 49 | NA | **PREMIUM FINISH** | Premium Grade* | Marine Grade* |
| Navy | 50 | 50M | **Carbon Graphite** | 96 | 96M |

Consult Factory for additional paint charges and availability.

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Project: _____

Fixture Type: _____ Quantity: _____

Customer: _____

## LED PERFORMANCE

| LED Wattage | CCT | Typical Luminous Flux | System Wattage | Typical Efficacy |
|---|---|---|---|---|
| 10W | 2700K | 1250 | 12W | 125 |
| | 3000K | 1250 | 12W | 125 |
| | 3500K | 1250 | 12W | 125 |
| | 4000K | 1250 | 12W | 125 |
| 16W | 2700K | 2000 | 19W | 125 |
| | 3000K | 2000 | 19W | 125 |
| | 3500K | 2000 | 19W | 125 |
| | 4000K | 2000 | 19W | 125 |

*(Table header "MODULE" spans the data table)*

## MODULE SPECIFICATION:

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

## MODULE DRIVER SPECIFICATION:

- Input Voltage: 120-277 Volts; 50/60Hz
- Dimmable down to 1%
- 0-10V, TRIAC and ELV dimming protocols are standard.
- 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

## ACCESSORIES



**IBOLT**



**EMG-LED**

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**1-800-548-3227**
**ANPlighting.com**