



Bollard with Dome Top - BDL Series
50 - 100W Pulse Start Metal Halide (MH)
35 - 100W High Pressure Sodium (HPS)



Job Name: _____

Type: _____

Catalog Number: _____

Applications: Use bollards in front of building entrances, city streets, parking lots, campuses, plazas, village squares, residential areas, parks, walkways and building perimeter lighting. Distribution is IES Type V. Metal Halide provides a crisp white light while High Pressure Sodium provides a golden yellow light. Dimensions: Height: 43-3/8", Diameter: 7"

| Catalog Number | Description | Volts | Total Watts | Lamp Life | Lamp Lumens | Lamp Type | Max Amps 120/208/240/277 | Ballast Type | ANSI Code |
|----------------|--------------------|-------|-------------|-----------|-------------|-----------|--------------------------|--------------|-----------|
| BDLM50DT* | 50W MH, Dual Tap | DT | 72 | 10,000 | 3,400 | ED17 | .6 / .25 | HX-HPF | M110 |
| BDLM70QT* | 70W MH, Quad Tap | QT | 90 | 15,000 | 5,600 | ED17 | .8 / .55 / .5 / .35 | HX-HPF | M98 |
| BDLM100QT* | 100W MH, Quad Tap | QT | 125 | 15,000 | 9,000 | ED17 | 1.1 / .65 / .55 / .5 | HX-HPF | M90 |
| BDLH35* | 35W HPS 120V | 120 | 46 | 24,000 | 2,250 | ED17 | .85 | R-NPF | S76 |
| BDLH50* | 50W HPS 120V | 120 | 62 | 24,000 | 4,000 | ED17 | 1.2 | R-NPF | S68 |
| BDLH50DT* | 50W HPS, 120/277 | DT | 62 | 24,000 | 4,000 | ED17 | .6 / .25 | HX-HPF | S68 |
| BDLH70* | 70W HPS 120V | 120 | 90 | 24,000 | 6,300 | ED17 | 1.7 | R-NPF | S62 |
| BDLH70QT* | 70W HPS, Quad Tap | QT | 90 | 24,000 | 6,300 | ED17 | .8 / .45 / .4 / .35 | HX-HPF | S62 |
| BDLH100* | 100W HPS, 120V | 120 | 115 | 24,000 | 9,500 | ED17 | 2.15 | R-NPF | S54 |
| BDLH100QT* | 100W HPS, Quad Tap | QT | 125 | 24,000 | 9,500 | ED17 | 1.1 / .6 / .55 / .45 | HX-HPF | S54 |

*Specify housing finish: B=Black, W=White, Z=Bronze
 Mounting kit options: **BMK8**- 8" Anchor bolt kit, **BMK12** - 12" Anchor bolt Kit, **BMK15** - 15" Anchor bolt Kit

Specifications:

Housing: Heavy duty extruded aluminum housing with dome top, flush mounting base and vandal resistant screws.

Reflector: Cast aluminum louvers

Distribution: IES Type V, directs light down and in a circular pattern.

Lens: Clear polycarbonate lens.

Socket: Porcelain Medium base, E26, 4KV pulse rated with nickel plated screw shell.

Ballast Tray: Removable ballast tray for easy maintenance

Ballasts: Magnetic, Core and Coil construction. Depending on model they are available in:
 120V, Normal Power Factor,
 Dual Tap (DT) 120 / 277V High Power factor or
 Quad Tap (QT) - 120/208/240/277V High Power Factor.

Lamp: Energy efficient High Pressure Sodium or Pulse Start Metal Halide, included.

Hardware: All hardware inside and outside the luminaire is nickel plated stainless steel.

Finish: Architectural Bronze, Black or White. A nine step process of cleaning and treating the aluminum prepares it for powder coating. A durable polyester powder coat finish is then applied ensuring a long lasting fade and chip resistant finish. To specify color add **B= Black, W=White or Z=Bronze** after catalog number.

Mounting Kit: Includes (3) 4" mounting bolts. Mounting Kits with longer anchor bolts of 8", 12" or 15" are available.

Approvals: CSA (c & us) Listed. Suitable for Wet Locations

Note: 1- Specifications may change without notice.
 2. Lamp Life and Lumens listed are initial values and are affected by lamp orientation and operating conditions.

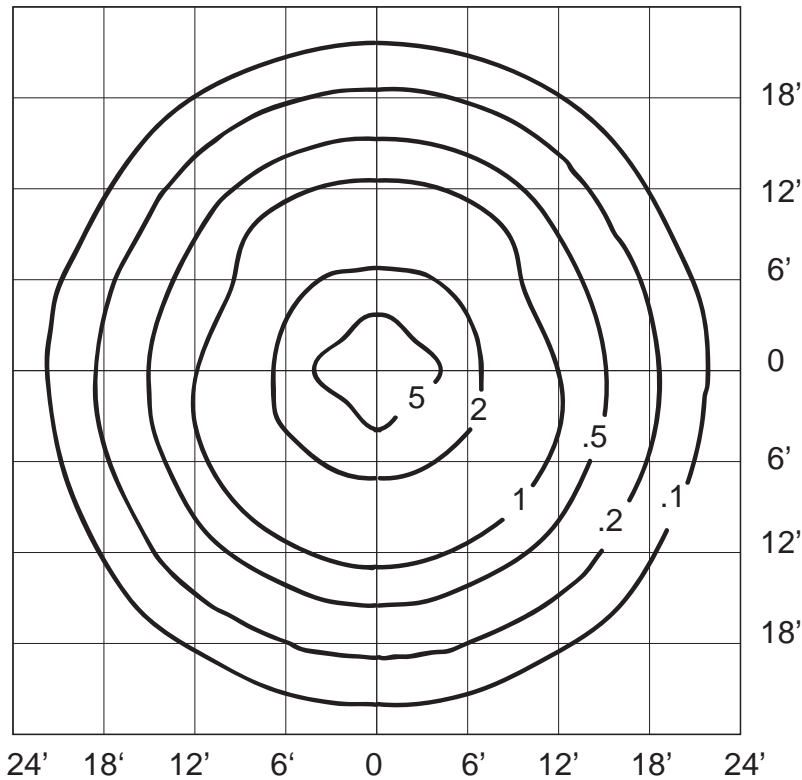


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The chart is based on bollard with a light center of 3.5'. Each iso-line represents the footcandle level along the path. Each square represents 6'. To change the wattage use the multipliers below.



BDL - 100W Metal Halide



| Watts MH | Multiplier |
|----------|------------|
| 50 | .37 |
| 70 | .62 |
| 100 | 1 |
| | |

| Watts HPS | Multiplier |
|-----------|------------|
| 35 | .25 |
| 50 | .44 |
| 70 | .7 |
| 100 | 1.05 |