

Project \_\_\_\_\_  
Catalogue n° \_\_\_\_\_

Type \_\_\_\_\_  
Date \_\_\_\_\_

AimLite

# B15H-L BOLLARD

The B15H-L is an LED bollard luminaire designed with high efficiency. The housing is made of die cast aluminum with a flush mounting base, polycarbonate lens, round top, and a powdercoat finish over a chromate conversion coating.



## FEATURES & SPECIFICATIONS

### CONSTRUCTION

#### Housing

This luminaire is constructed with aluminum die cast housing in bronze powder coating with anti-corrosive finish. All configurations comes with an anchor bolts kit.







### ELECTRICAL

- The drivers allow input of 120-277 V.

- The B15H-L bollard is suitable for ambient temperature range of -40°C to +45°C. Available in 4 000 K color temperature with a lumen per watt ratio of 53 lm/W to 77 lm/W

### COMPLIANCES

- Wet location
- IP65
- cETLus
- Meets requirements of ICES-005 for class B products

| OVERVIEW   |             |                       |       |
|--|-------------|-----------------------|-------|
| LIGHT SOURCE   | LED         | EFFICIENCY (LM/W)     | 53-77 |
| WATTS [W]  | 25          | COLOR TEMPERATURE [K] | 4 000 |
| LUMEN OUTPUT [LM]  | 1 355-1 835 | CRI                   | 70    |
| <div>LEDWET LOCATION65 IP RATINGICES 005</div> |             |                       |       |

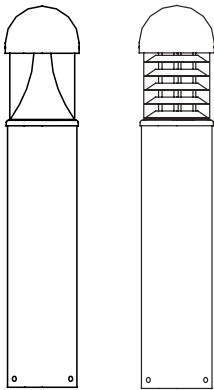
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

ACCESSORY [ORDER SEPARATELY]

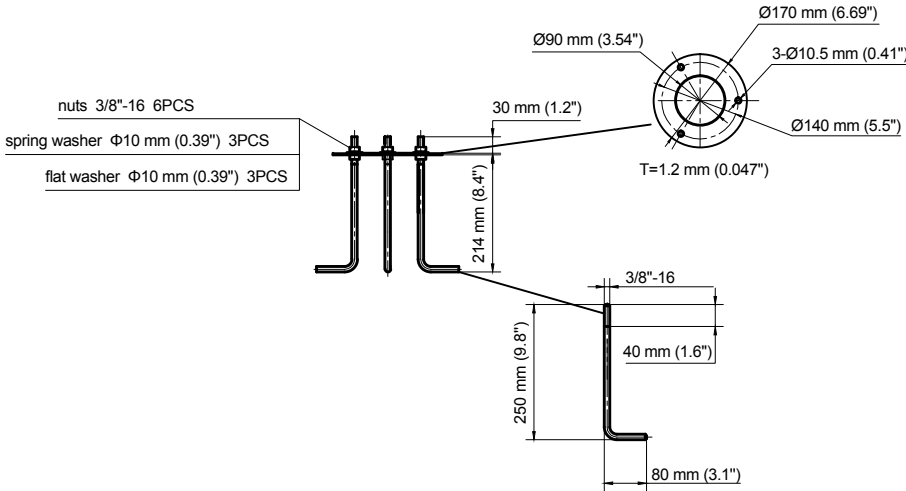
| PART NUMBER | DESCRIPTION                     | TYPE            |
|-------------|---------------------------------|-----------------|
| KIT-ANC-BOL | ANCHOR BOLTS W/TRIANGLE KIT 8IN | ANCHOR BOLT KIT |

DIMENSIONS

DIAMETER: 8 1/2" [215.5 MM]  
HEIGHT: 42 3/8" [1 077 MM]



DRILLING PATTERN

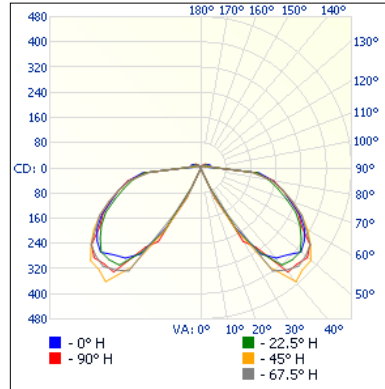


# B15H-L

## PHOTOMETRIC DATA<sup>1</sup>

B15H-LA1-XX-40K-BR-C • 1 865 LM

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

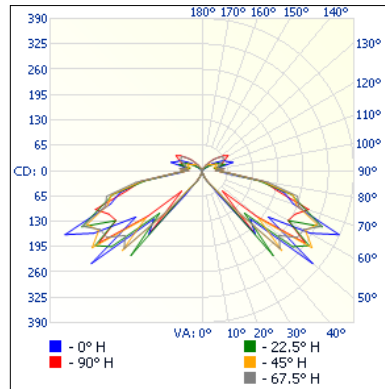
| ZONE   | LUMENS  | % FIXTURE |
|--------|---------|-----------|
| 0-30   | 49.9    | 2.7       |
| 0-40   | 266.4   | 14.3      |
| 0-60   | 967.2   | 51.8      |
| 60-90  | 794.4   | 42.6      |
| 70-100 | 492.3   | 26.4      |
| 90-120 | 80.8    | 4.3       |
| 0-90   | 1 761.6 | 94.4      |
| 90-180 | 104.9   | 5.6       |
| 0-180  | 1 866.6 | 100       |

### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC   |   |  | BEAM WIDTH |        |
|--|---|--|------------|--------|
| 17'  | 0 |  | 20.3'      | 25.1'  |
| 34'  | 0 |  | 40.6'      | 50.3'  |
| 51'  | 0 |  | 60.9'      | 75.4'  |
| 68'  | 0 |  | 81.2'      | 100.6' |
| 85'  | 0 |  | 101.5'     | 125.7' |
| 102'   | 0 |  | 121.8'     | 150.9' |
| <div><div></div> Vert. Spread: 61.7°<div></div> Hor. Spread: 73.0°</div> |   |  |            |        |

B15H-LA1-XX-40K-BR-L • 1 341 LM


### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

| ZONE   | LUMENS  | % FIXTURE |
|--------|---------|-----------|
| 0-30   | 16.0    | 1.2       |
| 0-40   | 72.5    | 5.4       |
| 0-60   | 503.6   | 37.5      |
| 60-90  | 629.6   | 46.9      |
| 70-100 | 374.3   | 27.9      |
| 90-120 | 147.4   | 11        |
| 0-90   | 1 133.1 | 84.4      |
| 90-180 | 209.2   | 15.6      |
| 0-180  | 1 342.3 | 100       |

### ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC  |   |  | BEAM WIDTH |        |
|---|---|---|------------|--------|
| 17'   | 0 |   | 9.6'       | 64.1'  |
| 34'   | 0 |   | 19.2'      | 128.1' |
| 51'   | 0 |   | 28.9'      | 192.2' |
| 68'   | 0 |   | 38.5'      | 256.3' |
| 85'   | 0 |   | 48.1'      | 320.3' |
| 102'  | 0 |   | 57.7'      | 384.4' |
| <div><div></div> Vert. Spread: 31.6°<div></div> Hor. Spread: 124.1°</div> |   |   |            |        |

<sup>1</sup> Complete IES files available on our website.