| Fixture Type: |  |
|---------------|--|
| Model Number: |  |
| Project Name: |  |

# **EUROTECH**

### Architectural LED Bollard



Note: standard 42" model dimensions. For 30" models, subtract 12" from dimension 'A'.









6 300

MARINE GRADE **ALUMINUM**  "A"

16.200



General: The high impact and modern design of the Eurotech series provides for a unique design within the environment and is perfect for pathway illumination. **Exterior:** Sand cast, marine-grade aluminum top, head, and mounting base. Spun aluminum shade. Extruded aluminum bollard tube. Bollard tube can be cut to custom length; consult factory. Stainless steel hardware and fasteners. Wattage: Available wattages: 15 watt, and 21 watt. Available color temperatures: 3000K, 4000K, and amber (590nm). CRI>70. Driver: Constant current; maximum wattage = 40 watts; universal input voltage 120v-277v (50/60Hz); THD<20%. Power Factor >0.90. 0-10V dimming standard for a dim range of 100% down to 10%. Heat Sink: Finned aluminum heat sink with black electrocoating securing heat sink to LED module. Finish: Textured polyester powder coat finish. Black, bronze, gray, white, silver, and verde green available. Consult factory for custom finishes. Lens: Outer lens available in clear acrylic (-CA) or opal polycarbonate (-OP). Gaskets: EPDM gaskets are standard. Dimensions: 6.30" diameter standard with overall height (OAH) options of 30" and 42". For custom height options, consult factory. Six top styles available: beveled (-B), cone (-C), Tops: dome (-D), flat (-F), finial (-P), and none (-N). Mounting: Mount bollard using the provided cast mounting base, template, and (4) 1/2" anchor bolts. **Options:** Recessed outlet box/cover (-GFI) PIR Motion Sensor (-PIR) Houseside Shields (-180HSS and -270HSS) **Certifications:** ANSI/UL 1598, 8750 Operating temperature: -40°C to +50°C 5-year warranty (see Terms & Conditions for details) content of specification sheet is subject to change.

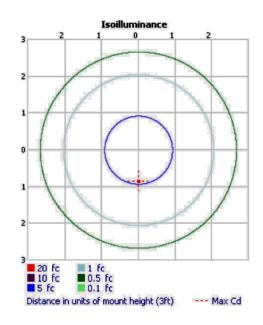
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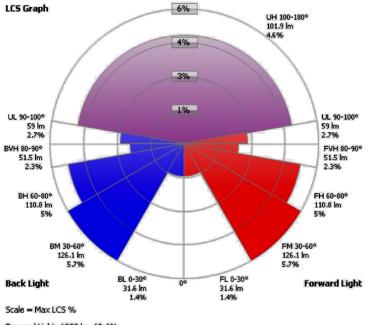
| Fixture Type: |  |
|---------------|--|
| Model Number: |  |
| Project Name: |  |



### **PHOTOMETRIC TECHNICAL DATA**

| Photometric | Performan        | ce                   |          |        |     |     |
|-------------|------------------|----------------------|----------|--------|-----|-----|
| Input Watts | Drive<br>Current | Color<br>Temperature | Optics   | Lumens | LPW | CRI |
| 45.0        | 7004             | 3000K                |          | 1,401  | 93  | 70  |
| 15.0        | 700mA            | 4000K                | louvered | 1,535  | 102 | 70  |
|             | 1050mA           | 3000K                |          | 2,006  | 100 | 70  |
| 20.0        |                  | 4000K                | louvered | 2,197  | 110 | 70  |
| 20.0        | 700mA            | 590nm<br>( amber )   | louvered | 212    | 11  | 70  |





| LCS Table<br>BUG Rating | B1 -    | U3 - G1  |
|-------------------------|---------|----------|
| Forward Light           | Lumens  | Lumens % |
| Low(0-30):              | 31.6    | 1.4%     |
| Medium(30-60):          | 126.1   | 5.7%     |
| High(60-80):            | 110.8   | 5%       |
| Very High(80-90):       | 51.5    | 2.3%     |
| Back Light              |         |          |
| Low(0-30):              | 31.6    | 1.4%     |
| Medium(30-60):          | 126.1   | 5.7%     |
| High(60-80):            | 110.8   | 5%       |
| Very High(80-90):       | 51.5    | 2.3%     |
| Uplight                 |         |          |
| Low(90-100):            | 59.0    | 2.7%     |
| High(100-180):          | 101.9   | 4.6%     |
| Trapped Light:          | 1,399.0 | 63.6%    |

Trapped Light: 1399 lm, 63.6%

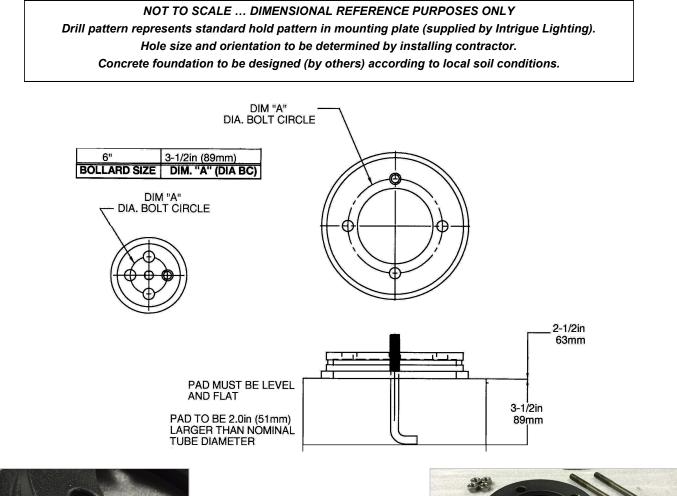
content of specification sheet is subject to change.

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| Fixture Type: |  |  |
|---------------|--|--|
| Model Number: |  |  |
| Project Name: |  |  |



#### **MOUNTING / INSTALLATION DETAIL**





extruded bollard tube slides over cast aluminum mounting base and secures to base with (4) set screws tightened into machined groove



MOUNTING BASE KIT

cast aluminum mounting base (1)

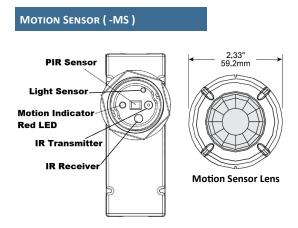
content of specification sheet is subject to change.

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| Fixture Type: | <br>- |  |
|---------------|-------|--|
| Model Number: |       |  |
| Project Name: |       |  |

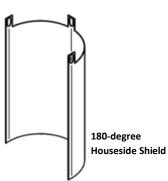


## ACCESSORY / OPTION DETAIL



PIR Motion Sensor (120v-277v only) option includes (1) passive infrared (PIR) sensor to detect motion. When motion is not detected for a 3-1/2 minute period, luminaire will automatically dim to 20% power and light. Once motion is detected, luminaire immediately ramps up to 100% power and light output until motion is not detected for another 3-1/2 minute period.

#### HOUSESIDE SHIELD (-HSS)



Asymmetric light distribution eliminates backlight in unwanted areas. Field adjustable shield constructed of sheet aluminum.

Available options: 180-degree houseside shield ( -180HSS ) 270-degree houseside shield ( -270HSS )

#### **RECESSED RECEPTACLE BOX ( -GFI )**



Recessed receptacle outlet box mounted 16" on center from bottom of bollard tube. Cast aluminum outlet box internally welded and sealed with gasketed spring-loaded hinge cover. Cover shall be die cast metal construction with finish to match bollard.

Typical supplied cover will be lockable, single-gang weatherproof receptacle cover (Bell #MX1050S or similar); rated for wet and damp locations when cover is closed

content of specification sheet is subject to change.

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| Fixture T<br>Model N |          |          |         |           |           |      |       |         |         |                |        |
|----------------------|----------|----------|---------|-----------|-----------|------|-------|---------|---------|----------------|--------|
| Project N            | lame: _  |          |         |           |           |      |       |         | intrig  | <b>Je</b> ligi | nung   |
|                      |          |          |         |           |           |      |       |         |         |                |        |
| SERIES               | DIAMETER | MOUNTING | WATTAGE | COLOR (K) | TOP STYLE | LENS | SHADE | OPTIONS | VOLTAGE | HEIGHT         | FINISH |
| ET                   | 6        | В        |         |           |           |      |       |         | UNV     |                |        |

#### MODEL NUMBER DETAIL

| SERIES    | ET-6-B           | Eurotech Architectural LED Bollard / 6.3" Diameter                        |
|-----------|------------------|---|
| WATTAGE   | 15LED<br>21LED   | 15-watt LED Module (@700mA)<br>21-watt LED Module (@1050mA)               |
| COLOR (K) | ЗК               | 3000K   |
|           | 4K<br>AML        | 4000K<br>Amber (590nm)  |
| TOP STYLE | В                | Beveled Top   |
|           | C<br>D           | Cone Top<br>Dome Top  |
|           | F                | Flat Top  |
|           | N                | None / Flush Top  |
|           | Ρ                | Finial Point Top  |
| LENS      | СА               | Clear Acrylic Lens (50% DR)   |
|           | OP               | Opal Polycarbonate Lens   |
| SHADE     | NS               | No Shade  |
|           | SHD<br>SHDFLT    | Spun Aluminum Shade<br>Flat Aluminum Shade                                |
| OPTIONS   | GFI              | Receptacle Box with Cover for GFCI Outlet (outlet by others)              |
|           | MS               | PIR Motion Sensor (120v-277v only)  |
|           | NR               | No External Rings   |
|           | TRH              | Tamper Resistant Hardware   |
|           | 180HSS<br>270HSS | 180° Houseside Shield<br>270° Houseside Shield                            |
|           | 270833           |   |
| VOLTAGE   | UNV              | Universal Voltage (120v-277v) (50/60Hz); constant current dimmable driver |
| Неіднт    | 30               | 30" Overall Height  |
|           | 42               | 42" Overall Height  |
| FINISH    | BLK              | Black   |
|           | BRZ              | Bronze  |
|           | GRY              | Grey  |
|           | SIL<br>VGN       | Silver<br>Verde Green   |
|           | WHT              | White   |
|           | CC               | Custom Color - Consult Factory  |
|           | <br>             | ,   |

content of specification sheet is subject to change.

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