

# BILLET

SYMMETRICAL BAFFLES DEEP INTEGRAL - WET LOCATION

**bold**  
lighting



The Billet family of products allows you to achieve uniformity throughout indoor and outdoor spaces while maintaining the same optical performance, light consistency, and overall aesthetics.

The Billet Symmetrical Baffles were designed to provide unmatched performance while maintaining minimal glare. The Billet confidently delivers a flawless light distribution and a beautifully finished product.

## CONSTRUCTION

**Product Type :** Linear  
**Body Material :** Extruded Aluminum  
**Body Finish :** Black / Grey / White  
Custom RAL

**IP Rating :** IP67 Inground

IP66 Ceiling Recessed

**IK Rating :** IK10

**Drive Over Rating :** Billet Inground is designed to bear static loads up to 2500 lbs. from vehicles with pneumatic tires. This product is not intended to be used for traffic lanes.  
**Chicago plenum rated**

## INSTALLATION

**Environment :** Wet Location  
**Mounting :** Surface Mounted / Pendant  
Ceiling Recessed (Trim & Trimless)  
Wall Recessed (Trim & Trimless)  
Inground

## OPTICS

**Optical Distribution :** 10° / 20° / 28° / 50°  
Elliptical (10°x28°) / (10°x36°)  
**Glare Control :** UGR<10

## LIGHT SOURCE

**Direct Light Source :** Hi-power LEDs  
**Luminous Output :** from 1385lm/m to 5310lm/m (Delivered)  
**Light Source CCT :** 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)  
**Dim-to-Warm** (3000K-1800K) / RGBW  
**Color Rendering Index :** Ra90  
**Lifetime :** L80 B10 @ 70,000 Hrs

## ELECTRICAL

**Input Voltage :** 220-240V / UNV 120-277V - 50Hz/60Hz  
**Load :** 16W/m to 66W/m  
**Output Type :** Constant Current  
**Driver Type :** Integral  
**Dimming :** 0-10V / DALI / ELV / DMX  
Lutron Hi-Lume  
**Code Compliance :** ETL / CSA / CE

| Series                                                                                                                                                                                                       | Mounting                    | Nominal Length <sup>1</sup>                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------|
| <b>BOD</b>                                                                                                                                                                                                   | <b>R</b> Recessed with Trim | <b>12</b> 300 mm                                                                                |
|                                                                                                                                                                                                              | <b>T</b> Recessed Trimless* | <b>24</b> 600 mm                                                                                |
|                                                                                                                                                                                                              | <b>S</b> Surface Mounted    | <b>36</b> 900 mm                                                                                |
|                                                                                                                                                                                                              | <b>P</b> Pendant            | <b>48</b> 1200 mm                                                                               |
|                                                                                                                                                                                                              | <b>I</b> Inground*          | <b>60</b> 1500 mm                                                                               |
|                                                                                                                                                                                                              | <b>XX</b> Custom mm         |                                                                                                 |
| * For Inground "I" and Recessed Trimless "T" mountings, the housings will show on the price quote and order as a separate item to allow us to ship them ahead of the fixtures if required by the contractor. |                             | For custom lengths and shapes, consult factory.<br>For exact lengths refer to dimensions table. |

Code example: **BOD**-P12W-L2B-W-E927-0

| Body Finish         | Output                              | Voltage                                    | Dimming                     | Baffles                                                                         | Beam Angle        | CRI          | Color Temp                 | Emergency   |
|---------------------|-------------------------------------|--------------------------------------------|-----------------------------|---------------------------------------------------------------------------------|-------------------|--------------|----------------------------|-------------|
| <b>B</b> Black      | <b>L<sup>2</sup></b> 1580lm/m (16W) | <b>2</b> 220-240V                          | <b>A</b> No Dimming         | <b>W</b> Flat White                                                             | <b>S</b> 10°      | <b>9</b> +90 | <b>27</b> 2700K            | <b>0</b> No |
| <b>G</b> Grey       | <b>M<sup>2</sup></b> 2740lm/m (33W) | <b>U<sup>6</sup></b> Universal 120 to 277V | <b>B</b> 0-10V to 1%        | <b>B</b> Flat Black                                                             | <b>N</b> 20°      |              | <b>30</b> 3000K            |             |
| <b>W</b> White      | <b>H<sup>2</sup></b> 3845lm/m (49W) |                                            | <b>D</b> DALI to 1%         | <b>N</b> Black Nickel                                                           | <b>M</b> 28°      |              | <b>35</b> 3500K            |             |
| <b>X</b> Custom RAL | <b>V<sup>2</sup></b> 4960lm/m (66W) |                                            | <b>E</b> ELV Dimming        | <b>C</b> Specular Chrome                                                        | <b>F</b> 50°      |              | <b>40</b> 4000K            |             |
|                     | <b>D<sup>3</sup></b> 1500m/m (26W)  |                                            | <b>F</b> DMX                | <b>E</b> Diffuse Gold                                                           | <b>E</b> 10°x 28° |              | <b>WD</b> 3000K-1800K      |             |
|                     | <b>W<sup>3</sup></b> 4265lm/m (59W) |                                            | <b>G<sup>7</sup></b> LUTRON | <b>X</b> Custom                                                                 | <b>G</b> 10°x 36° |              | <b>TW</b> 2700K - 5000K    |             |
|                     | <b>U<sup>4</sup></b> 2325lm/m (33W) |                                            |                             | RGBW is only available for Specular Chrome and Black Nickel reflector finishes. |                   |              | <b>CC<sup>8</sup></b> RGBW |             |
|                     | <b>A<sup>4</sup></b> 4265lm/m (66W) |                                            |                             |                                                                                 |                   |              |                            |             |
|                     | <b>C<sup>5</sup></b> 3585lm/m (66W) |                                            |                             |                                                                                 |                   |              |                            |             |

### Notes:

<sup>1</sup> 150 mm length increments available as a modification.

<sup>2</sup> Denotes output at 3000K, unless otherwise noted.

<sup>3</sup> Denotes output specific to Dim-to-Warm at 3000K.

<sup>4</sup> Denotes output specific to Tunable White at full on.

<sup>5</sup> Denotes RGBW (C) output with all colors at full power.

<sup>6</sup> Not applicable for ELV dimming.

<sup>7</sup> Hi-lume, Vive, and Athena compatible.

<sup>8</sup> Only available with DMX dimming.

Consult factory for lead-times.

Consult factory for systems using multiple optics and mounting configurations.



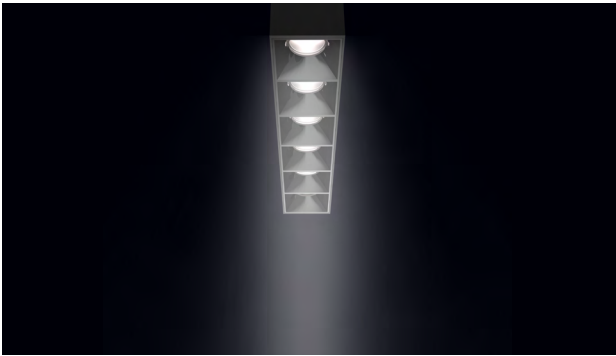
**Bold Lighting**

4710 Ecton Dr., Marietta, GA 30066, USA

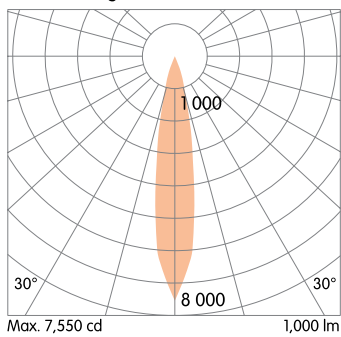
info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

## OPTICAL FLEXIBILITY

### SUPER-NARROW BEAM SYMMETRICAL BAFFLE



10° Beam Angle

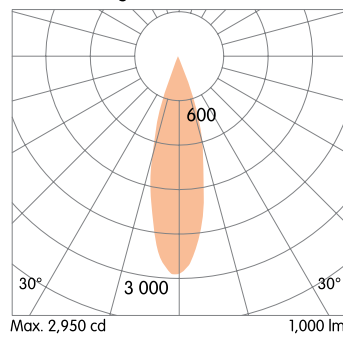


A super-narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

### NARROW BEAM SYMMETRICAL BAFFLE



20° Beam Angle

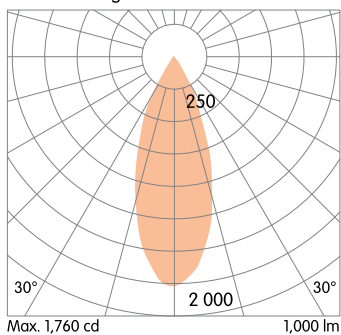


The 20° narrow beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

### FLOOD BEAM SYMMETRICAL BAFFLE



50° Beam Angle

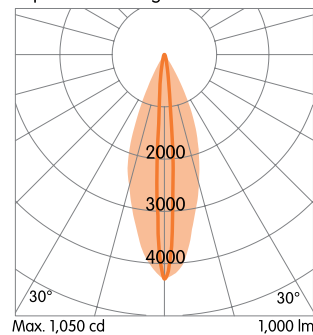


A 50° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

### ELLIPTICAL DISTRIBUTION



Elliptical Beam Angle



Elliptical distributions can be used anywhere focused illumination is needed. Bille's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.

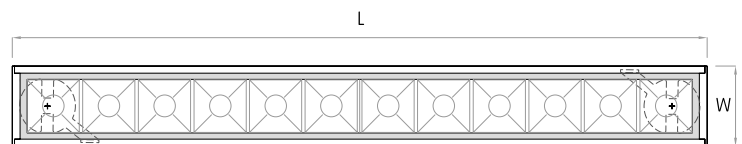
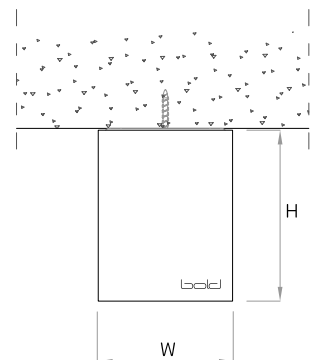
# MOUNTING FLEXIBILITY

Per Millimeter

## SURFACE MOUNTED



Actual (mm)  
 L= 622 | 922 | 1222 | 1522 |  
 Continuous runs  
 W= 72  
 H= 91

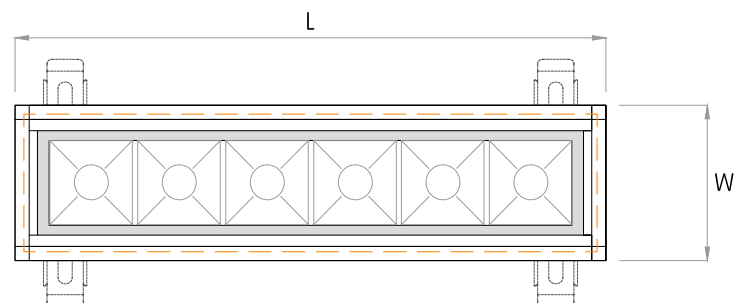
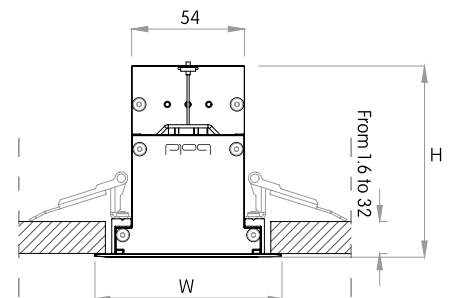


## RECESSED WITH TRIM



(L-20 x W-20)

Actual (mm)  
 L= 334 | 634 | 934 | 1234 |  
 1534 | Continuous runs  
 W= 80  
 H= 91



# MOUNTING FLEXIBILITY

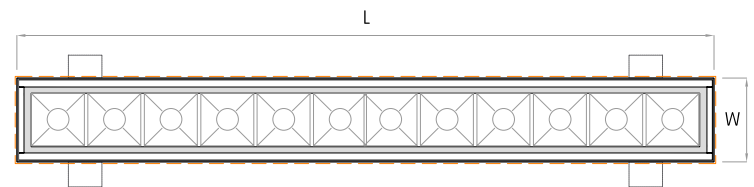
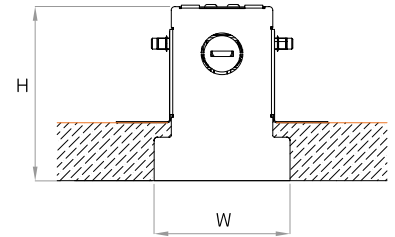
Per Millimeter

## RECESSED TRIMLESS

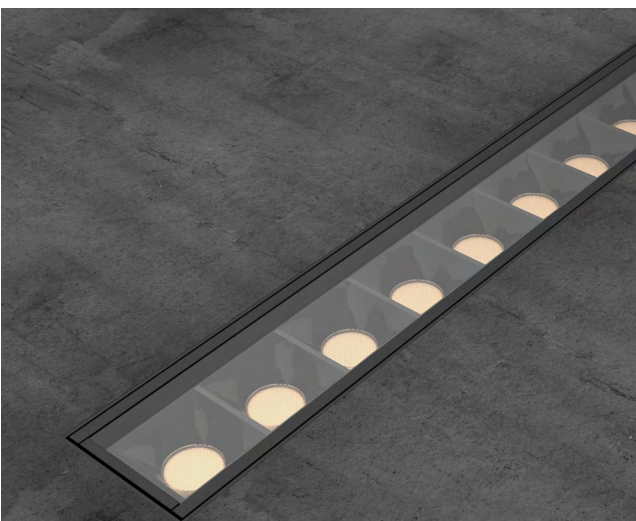


 (L+1.6 x W+1.6)

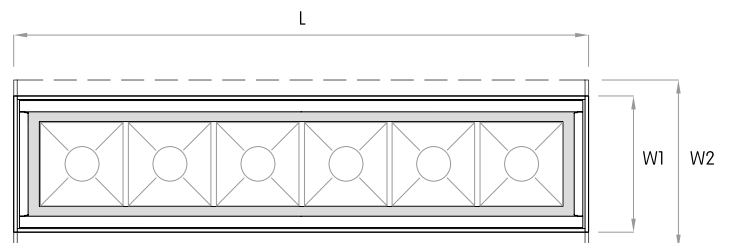
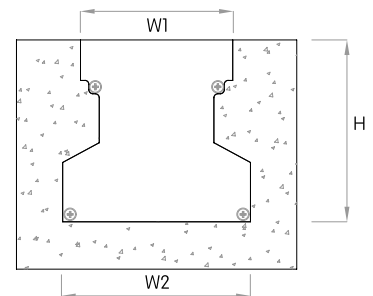
Actual (mm)  
L= 624 | 924 | 1224 | 1524 |  
Continuous runs  
W= 75  
H= 97



## INGROUND



Actual (mm)  
L= 325 | 625 | 925 | 1225 |  
1525 | Continuous runs  
W1= 77 | W2= 95  
H= 92





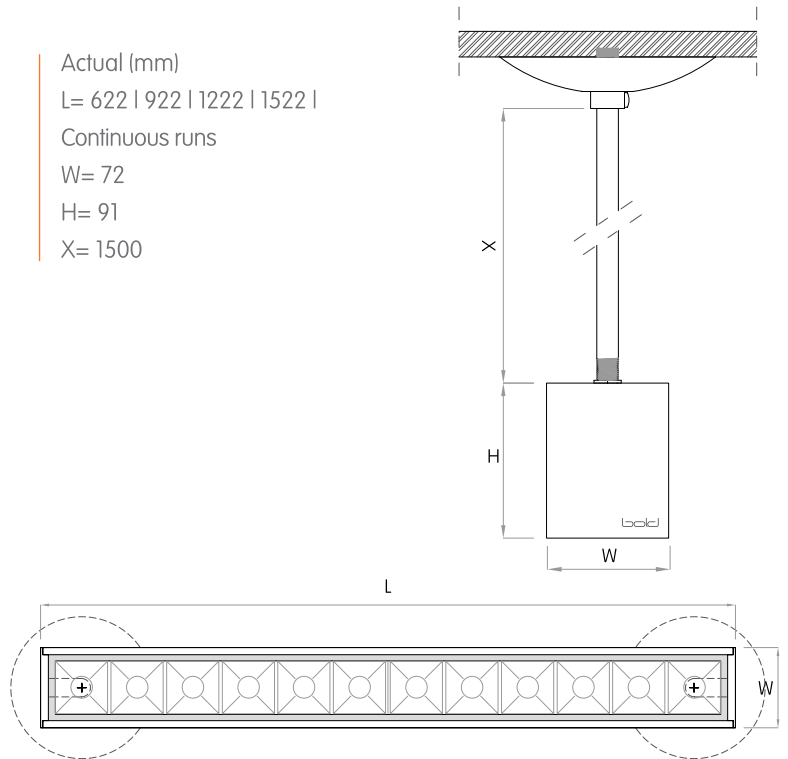
## MOUNTING FLEXIBILITY

Per Millimeter

### PENDANT



Actual (mm)  
L= 622 | 922 | 1222 | 1522 |  
Continuous runs  
W= 72  
H= 91  
X= 1500



DELIVERED LUMEN OUTPUT  
Per Meter

| Output | Watts | CRI +90 |  |  |  |
|--------|-------|---------|--|--|--|
|--------|-------|---------|--|--|--|

| STATIC-WHITE |     | 2700K   | 3000K   | 3500K   | 4000K   |
|--------------|-----|---------|---------|---------|---------|
| L            | 16W | 1385 lm | 1580 lm | 1495 lm | 1525 lm |
| M            | 33W | 2585 lm | 2740 lm | 2790 lm | 2840 lm |
| H            | 49W | 3760 lm | 3845 lm | 4065 lm | 4140 lm |
| V            | 66W | 4830 lm | 4960 lm | 5215 lm | 5310 lm |

| DIM-TO-WARM<br>3000K-1800K |     | 3000K   |  |  |  |
|----------------------------|-----|---------|--|--|--|
| D                          | 26W | 1500 lm |  |  |  |
| W                          | 59W | 4265 lm |  |  |  |

| TUNABLE WHITE<br>2700K-5000K |     | 2700K   | 5000K   |  |  |
|------------------------------|-----|---------|---------|--|--|
| U                            | 33W | 2325 lm | 2325 lm |  |  |
| A                            | 66W | 4265 lm | 4265 lm |  |  |

| RGBW  |     | R       | G       | B      | W       |
|-------|-----|---------|---------|--------|---------|
| TOTAL | 66W | 2205 lm | 3585 lm | 555 lm | 3415 lm |

DIMENSIONS TABLE

|                         |        |         |       |         | 12"           |          | 24" |        | 36" |          | 48"  |        | 60"  |          |
|-------------------------|--------|---------|-------|---------|---------------|----------|-----|--------|-----|----------|------|--------|------|----------|
|                         | Height |         | Width |         | Actual Length |          |     |        |     |          |      |        |      |          |
| Surface Mounted         | mm     | inch    | mm    | inch    | mm            | inch     | mm  | inch   | mm  | inch     | mm   | inch   | mm   | inch     |
|                         | 91     | 3 9/16  | 72    | 2 13/16 |               |          | 622 | 24 1/2 | 922 | 36 5/16  | 1222 | 48 1/8 | 1522 | 59 15/16 |
| Recessed with Trim      | 91     | 3 9/16  | 88    | 3 7/16  | 335           | 13 3/16  | 634 | 25     | 934 | 36 13/16 | 1234 | 48 5/8 | 1534 | 60 7/16  |
| Recessed Trimless       | 97     | 3 13/16 | 75    | 2 15/16 |               |          | 624 | 24 5/8 | 924 | 36 3/8   | 1224 | 48 1/4 | 1524 | 60       |
| Pendant                 | 91     | 3 9/16  | 72    | 2 13/16 |               |          | 622 | 24 1/2 | 922 | 36 5/16  | 1222 | 48 1/8 | 1522 | 59 15/16 |
| Inground (with housing) | 92     | 3 5/8   | 95    | 3 3/4   | 325           | 12 13/16 | 625 | 24 5/8 | 925 | 36 7/16  | 1225 | 48 1/4 | 1525 | 60       |

