

# BILLET

HONEYCOMB 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 Honeycomb was designed to provide unmatched performance and a decorative aesthetic 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 :** Inground

Ceiling Recessed (Trim & Trimless)

Wall Recessed (Trim & Trimless)

Surface Mounted / Pendant

## OPTICS

**Optical Distribution :** 10° / 20° / 35° / 50°  
Elliptical (10°x40°) (25°x50°)

**Glare Control :** UGR<19

## LIGHT SOURCE

**Direct Light Source :** Hi-power LEDs

**Luminous Output :** from 1405lm/m to 4500lm/m (Delivered)

**Light Source CCT :** 2700K / 3000K / 3500K  
4000K / Tunable White (2700K-5000K)

**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>BHS</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: **BHS** - 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> 1405lm/m (16W) | <b>2</b> 220-240V<br><b>U<sup>4</sup></b> Universal 120 to 277V | <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> 2450lm/m (33W) |                                                                 | <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> 3375lm/m (49W) |                                                                 | <b>D</b> DALI to 1%         | <b>N</b> Black Nickel    | <b>M</b> 35°      |              | <b>35</b> 3500K         |             |
| <b>X</b> Custom RAL | <b>V<sup>2</sup></b> 4500lm/m (66W) |                                                                 | <b>E</b> ELV Dimming        | <b>C</b> Specular Chrome | <b>W</b> 60°      |              | <b>40</b> 4000K         |             |
|                     | <b>U<sup>3</sup></b> 2450lm/m (33W) |                                                                 | <b>F</b> DMX                | <b>E</b> Diffuse Gold    | <b>E</b> 10°x 40° |              | <b>TW</b> 2700K - 5000K |             |
|                     | <b>A<sup>3</sup></b> 4500lm/m (66W) |                                                                 | <b>G<sup>5</sup></b> LUTRON | <b>X</b> Custom          | <b>E</b> 25°x 50° |              |                         |             |

### 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 Tunable White at full on.

<sup>4</sup> Not applicable for ELV dimming.

<sup>5</sup> Hi-Lume, Vive, and Athena compatible.

Consult factory for lead-times.

Consult factory for systems using multiple optics and mounting configurations.



**Bold Lighting**

4710 Ecton Dr., Marietta, GA 30066, USA

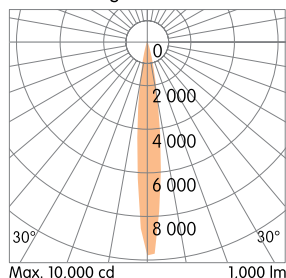
info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

## OPTICAL FLEXIBILITY

### SUPER-NARROW DISTRIBUTION



10° Beam Angle

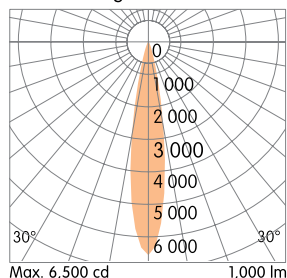


A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

### NARROW DISTRIBUTION



20° Beam Angle

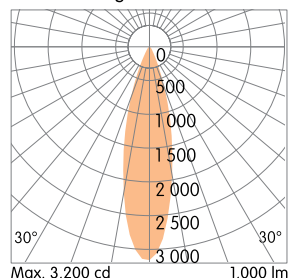


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

### MEDIUM DISTRIBUTION

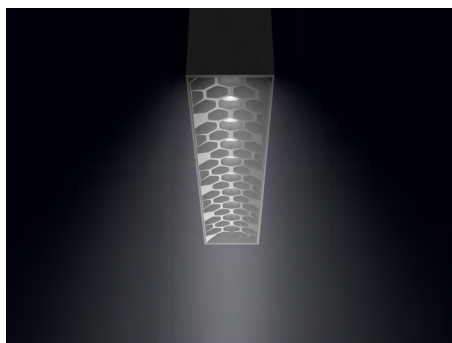


35° Beam Angle

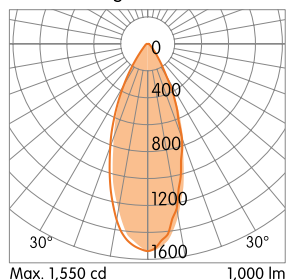


The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

### WIDE BEAM DISTRIBUTION

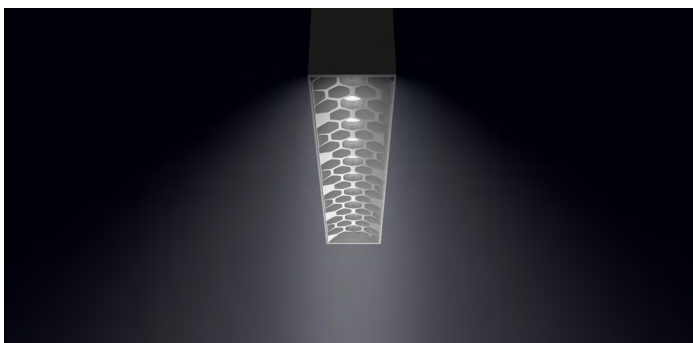


60° Beam Angle

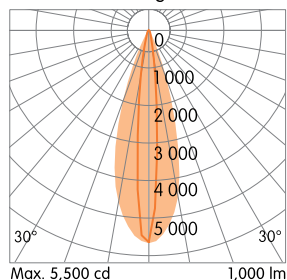


The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

### ELLIPTICAL BEAM DISTRIBUTION

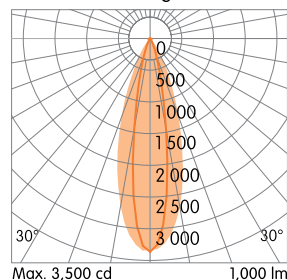


10° x 40° Beam Angle



The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

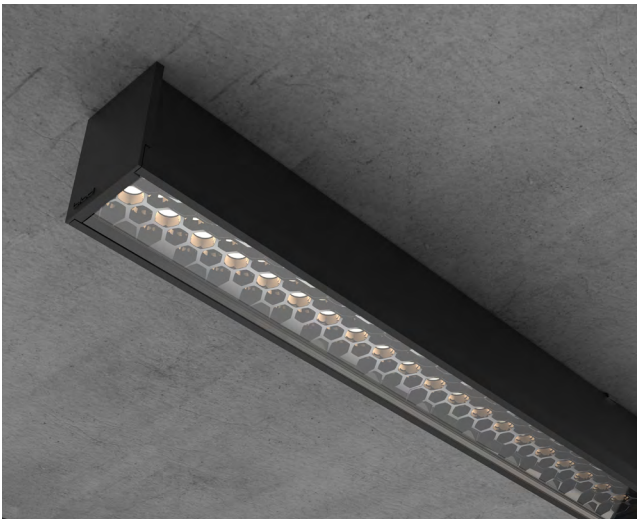
25° x 50° Beam Angle



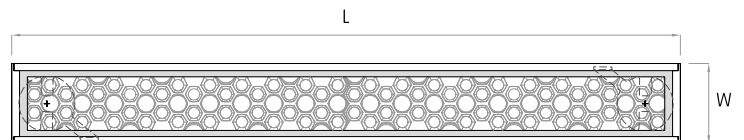
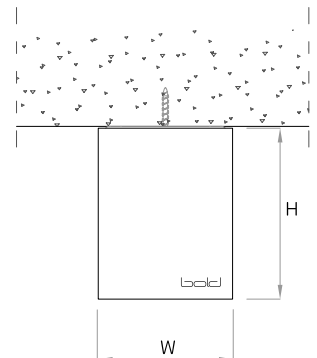
# MOUNTING FLEXIBILITY

Per Millimeter

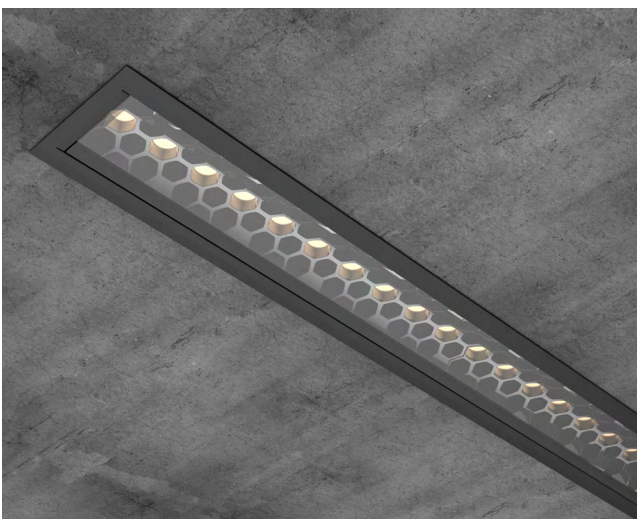
## SURFACE MOUNTED



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

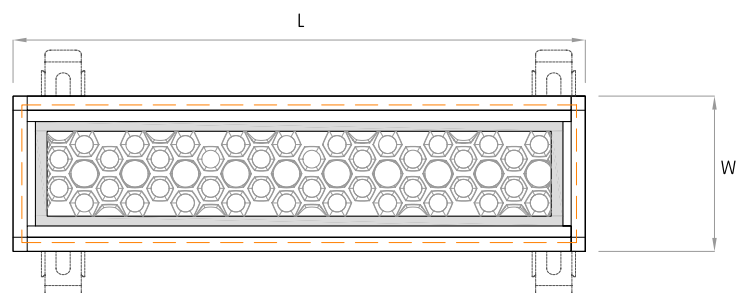
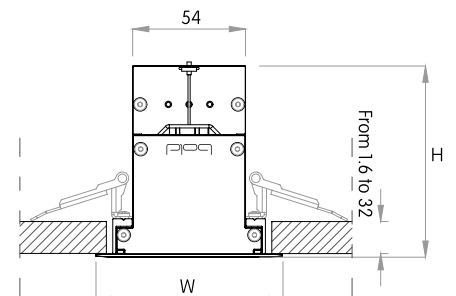


## RECESSED WITH TRIM



 (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



  $(L+1.6 \times W+1.6)$

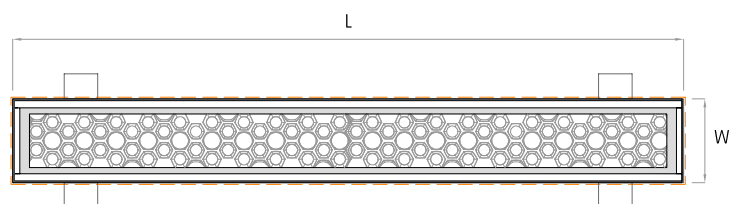
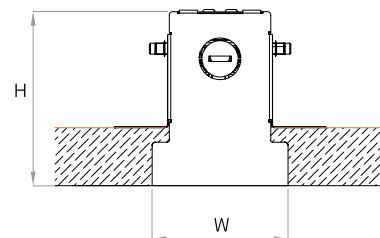
Actual (mm)

L= 624 | 924 | 1224 | 1524 |

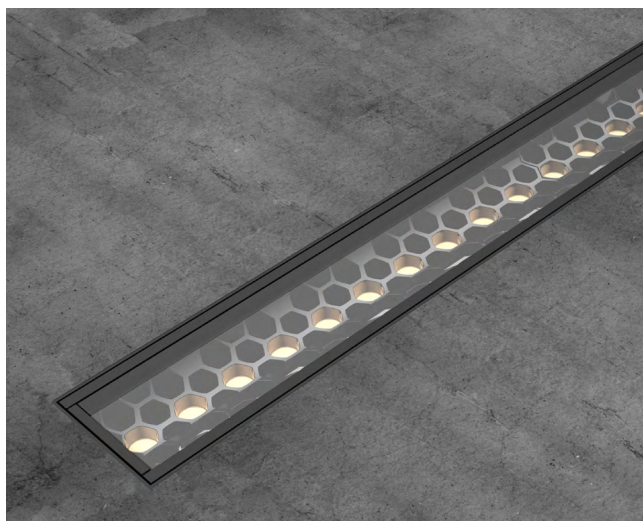
Continuous runs

W= 75

H= 97



## INGROUND



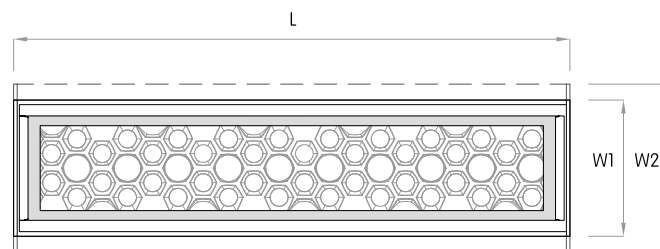
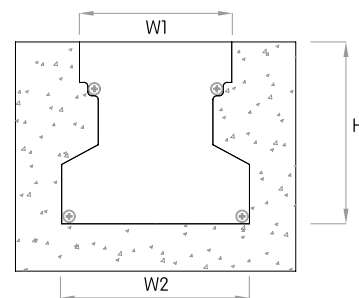
Actual (mm)

L= 325 | 625 | 925 | 1225 |

1525 | Continuous runs

W1= 77 | W2= 95

H= 92



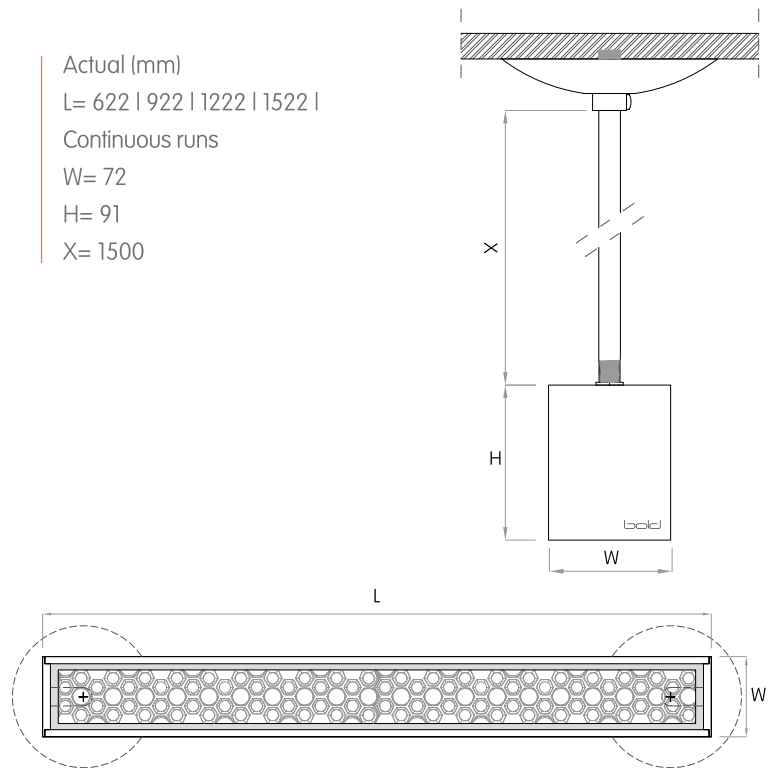
## MOUNTING FLEXIBILITY

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 | 1405 lm | 1405 lm | 1405 lm | 1405 lm |
| M            | 33W | 2450 lm | 2450 lm | 2450 lm | 2450 lm |
| H            | 49W | 3375 lm | 3375 lm | 3375 lm | 3375 lm |
| V            | 66W | 4500 lm | 4500 lm | 4500 lm | 4500 lm |

| TUNABLE WHITE<br>2700K-5000K |     | 2700K   | 5000K   |
|------------------------------|-----|---------|---------|
| U                            | 33W | 2450 lm | 2450 lm |
| A                            | 66W | 4500 lm | 4500 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       |