

# BILLET

HONEYCOMB OPAL REMOTE - 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

## OPTICS

**Optical Distribution :** 70° diffuse  
**Glare Control :** UGR<19

## LIGHT SOURCE

**Direct Light Source :** Mid-Power LEDs  
**Luminous Output :** from 155lm/ft. to 660lm/ft. (Delivered)  
**Light Source CCT :** 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)  
**Color Rendering Index :** Ra90  
**Lifetime :** L80 B10 @ 70,000 Hrs

## INSTALLATION

**Environment :** Wet Location

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

## ELECTRICAL

**Input Voltage :** 120V / UNV 120-277V - 50Hz/60Hz  
**Load :** 5W/ft. to 20W/ft.  
**Output Type :** Constant Voltage  
**Driver Type :** Remote  
**Dimming :** 0-10V / DALI / ELV / DMX / Lutron Hi-Lume  
**Code Compliance :** ETL / CSA / CE

Series                      Mounting                      Nominal Length<sup>1</sup>

### BHO

<b>R</b>	Recessed with Trim	<b>12</b>	12"
<b>T</b>	Recessed Trimless*	<b>24</b>	24"
<b>S</b>	Surface Mounted	<b>36</b>	36"
<b>P</b>	Pendant	<b>48</b>	48"
<b>I</b>	Inground*	<b>60</b>	60"
		<b>XX</b>	Custom in

\*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.  
 For exact lengths refer to dimensions table.

Code example: **BHO**-P12W-L1H-W-L927-0

Body Finish                      Output                      Voltage                      Dimming                      Baffles                      Beam Angle                      CRI                      Color Temp                      Emergency

<b>B</b> Black	<b>L<sup>2</sup></b> 165lm/ft (5W)	<b>1</b> 120V	<b>H</b> Non Dim	<b>W</b> Flat White	<b>L</b> Opal	<b>9</b> +90	<b>27</b> 2700K	<b>0</b> No
<b>G</b> Grey	<b>M<sup>2</sup></b> 330lm/ft (10W)	<b>U<sup>4</sup></b> Universal 120 to 277V	<b>I</b> 0-10V to 1%	<b>B</b> Flat Black			<b>30</b> 3000K	<b>9</b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 495lm/ft (15W)		<b>K</b> Dali to 1%	<b>N</b> Black Nickel			<b>35</b> 3500K	
<b>X</b> Custom RAL	<b>V<sup>2</sup></b> 630lm/ft (20W)		<b>L</b> ELV	<b>C</b> Specular Chrome			<b>40</b> 4000K	
	<b>U<sup>3</sup></b> 345lm/ft (10W)		<b>M</b> DMX	<b>E</b> Diffuse Gold			<b>TW</b> 2700K - 5000K	
	<b>A<sup>3</sup></b> 660lm/ft (20W)		<b>N<sup>5</sup></b> LUTRON	<b>X</b> Custom				

**Notes:**

- <sup>1</sup> 6" 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.



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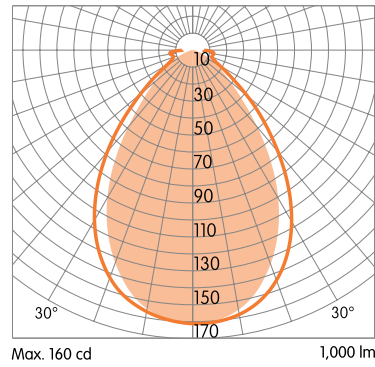
## OPTICAL FLEXIBILITY

### DIFFUSE DISTRIBUTION



The diffuse distribution is the most versatile distribution for general lighting. It offers a soft and even illumination on both horizontal and vertical surfaces.

70° Beam Angle (Diffuse distribution)

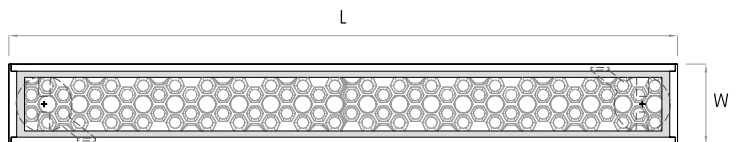
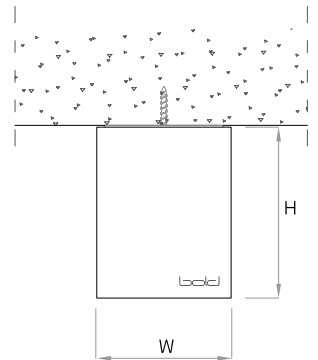


## MOUNTING FLEXIBILITY

### SURFACE MOUNTED




Actual  
 $L = 24\frac{1}{2}'' \mid 36\frac{5}{16}'' \mid 48\frac{1}{8}'' \mid 59\frac{5}{16}'' \mid$   
 Continuous runs  
 $W = 2\frac{13}{16}''$   
 $H = 3\frac{9}{16}''$



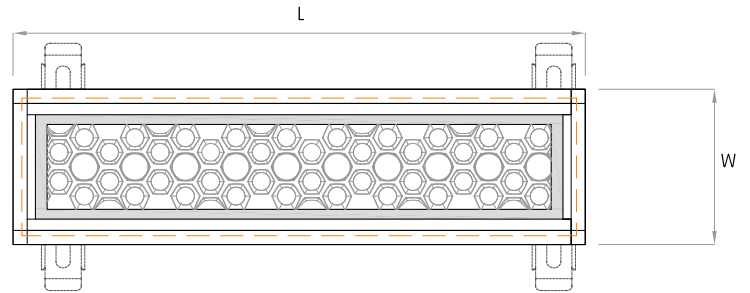
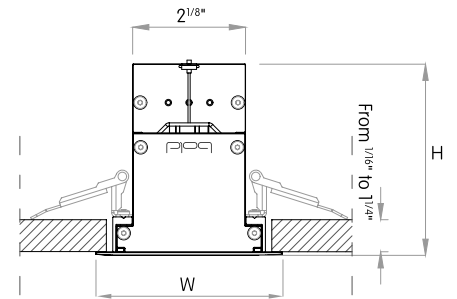
# MOUNTING FLEXIBILITY

## RECESSED WITH TRIM




 (L-13/16" x W-13/16")

Actual  
 L= 13<sup>3/16</sup>" | 25" | 36<sup>13/16</sup>" |  
 48<sup>5/8</sup>" | 60<sup>7/16</sup>" |  
 Continuous runs  
 W= 3<sup>7/16</sup>"  
 H= 3<sup>9/16</sup>"

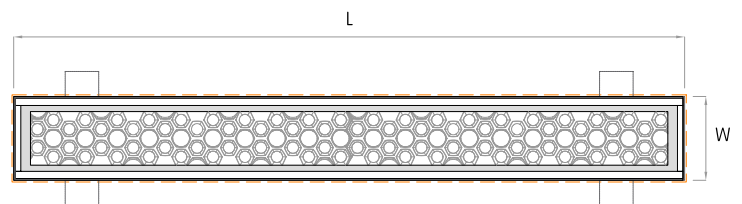
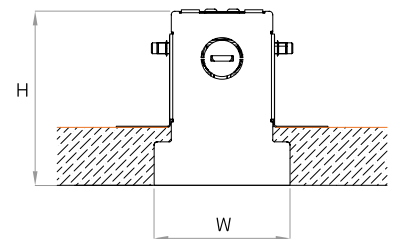


## RECESSED TRIMLESS



 (L+1/16" x W+1/16")

Actual  
 L= 24<sup>5/8</sup>" | 36<sup>3/8</sup>" | 48<sup>1/4</sup>" | 60" |  
 Continuous runs  
 W= 2<sup>15/16</sup>"  
 H= 3<sup>13/16</sup>"

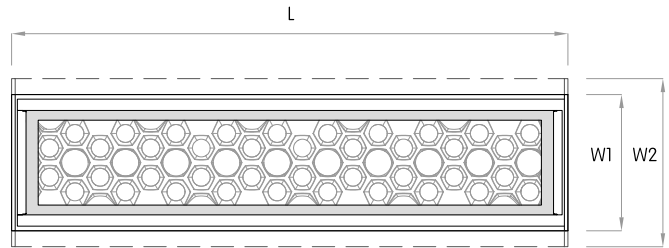
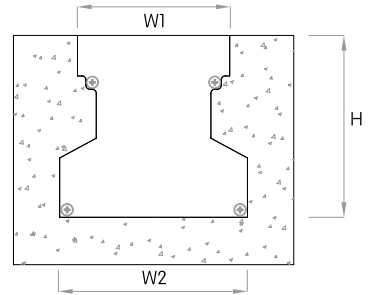


# MOUNTING FLEXIBILITY

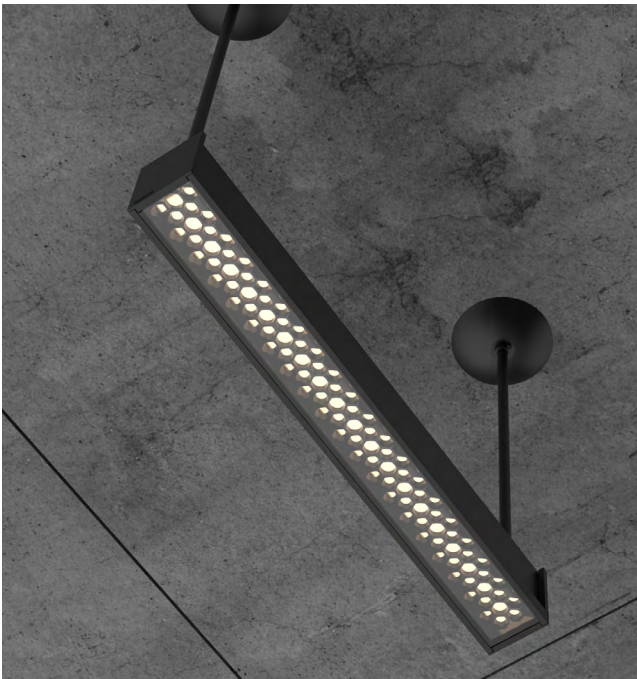
## INGROUND



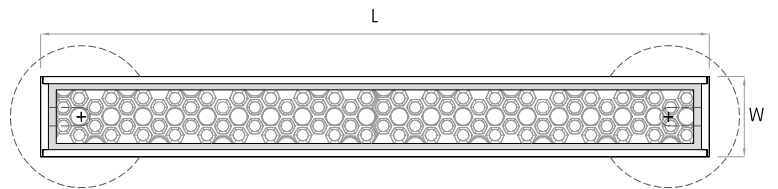
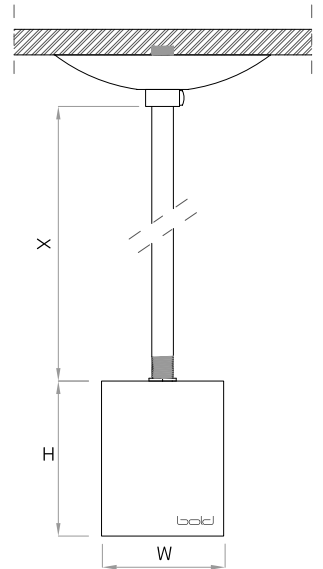
Actual  
 $L = 12^{13/16}'' \mid 24^{5/8}'' \mid 36^{7/16}'' \mid$   
 $48^{1/4}'' \mid 60'' \mid$   
 Continuous runs  
 $W1 = 3'' \mid W2 = 3^{3/4}''$   
 $H = 3^{5/8}''$



## PENDANT



Actual  
 $L = 24^{1/2}'' \mid 36^{5/16}'' \mid 48^{1/8}'' \mid 59^{15/16}'' \mid$   
 Continuous runs  
 $W = 2^{13/16}''$   
 $H = 3^{9/16}''$   
 $X = \text{up to } 59''$



## DELIVERED LUMEN OUTPUT

Per Linear Foot

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	155 lm	165 lm	170 lm	170 lm
M	10W	310 lm	330 lm	340 lm	345 lm
H	15W	465 lm	495 lm	510 lm	520 lm
V	20W	595 lm	630 lm	650 lm	660 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	310 lm	345 lm
A	20W	595 lm	660 lm

## DIMENSIONS TABLE

		12"		24"		36"		48"		60"					
		Height		Width		Actual Length									
		mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch		
Surface Mounted		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			6245	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

