

# BILLET

INDOOR HONEYCOMB OPAL - REMOTE

**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 :** IP44  
**Chicago plenum rated**

## INSTALLATION

**Environment :** Dry / Damp Location  
**Mounting :** Millwork / Surface Mounted / Pendant  
**Dimensions :** Refer to dimension table

## OPTICS

**Optical Distribution :** Lambertian  
**Glare Control :** UGR<19

## LIGHT SOURCE

**Direct Light Source :** Mid-Power LEDs  
**Luminous Output :** from 128lm/ft. to 586lm/ft. (Delivered)  
**Light Source CCT :** 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K) / Dim-to-Warm (3000K-1800K)  
**Color Rendering Index :** Ra90

## ELECTRICAL

**Input Voltage :** 120V / UNV 120-277V - 50Hz/60Hz  
**Load :** 4W/ft. to 22W/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>
<b>BKO</b>	<b>S</b> Surface Mounted	<b>12</b> 12"
	<b>P</b> Pendant	<b>24</b> 24"
	<b>M</b> Millwork	<b>36</b> 36"
		<b>48</b> 48"
		<b>60</b> 60"
	<b>XX</b> Custom in	Custom in

For custom lengths and shapes, consult factory.  
 For exact lengths refer to dimensions table.

Code example: **BKO**-P12W-L11-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> 139lm/ft (4W)	<b>1</b> 120V	<b>H</b> No Dimming	<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> 273lm/ft (9W)		<b>U<sup>5</sup></b> Universal 120V to 277	<b>I</b> 0-10V to 1%			<b>B</b> Flat Black	<b>30</b> 3000K
<b>W</b> White	<b>H<sup>2</sup></b> 441lm/ft (15W)	<b>J</b> 0-10V to Fade-off		<b>N</b> Black Nickel	<b>35</b> 3500K			
<b>X</b> Custom RAL	<b>V<sup>2</sup></b> 545lm/ft (19W)	<b>L</b> ELV Dimming		<b>C</b> Specular Chrome	<b>40</b> 4000K			
	<b>D<sup>3</sup></b> 346lm/ft (12.5W)	<b>K</b> DALI to 1%		<b>G</b> Bright Gold	<b>WD</b> 3000K-1800K			
	<b>W<sup>3</sup></b> 470lm/ft (22W)	<b>M</b> DMX		<b>E</b> Diffuse Gold	<b>TW</b> 2700K-5000K			
	<b>U<sup>4</sup></b> 145lm/ft (12W)	<b>N<sup>6</sup></b> LUTRON		<b>X</b> Custom				
<b>A<sup>4</sup></b> 238lm/ft (22W)								

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 Dim-to-Warm at 3000K.  
<sup>4</sup> Denotes output specific to Tunable White at full on.  
<sup>5</sup> Not applicable for ELV dimming.  
<sup>6</sup> Hi-lume, Vive, and Athena compatible.

Consult factory for lead-times.  
 Consult factory for systems using multiple optics and mounting configurations.

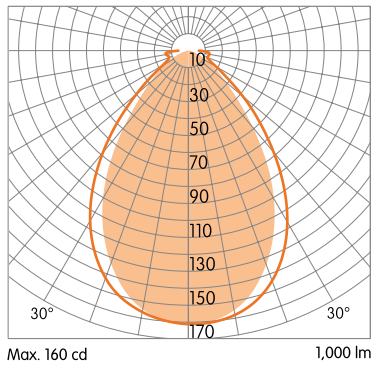


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DIFFUSE DISTRIBUTION



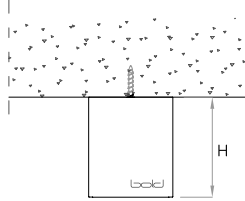
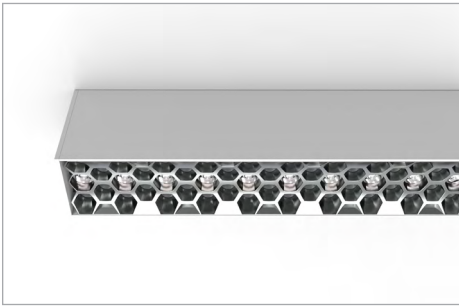
70° Beam Angle (Diffuse distribution)



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

# MOUNTING FLEXIBILITY

## SURFACE MOUNTED

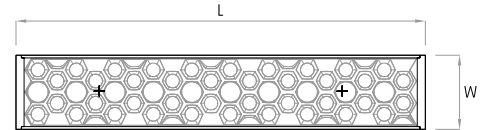


Actual

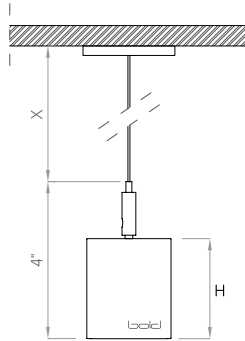
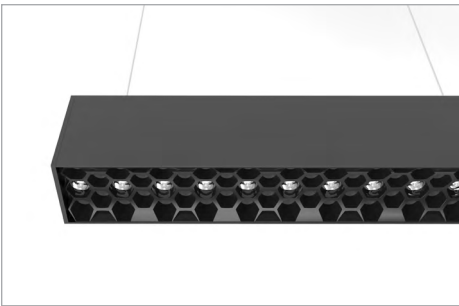
L = 12<sup>3</sup>/<sub>16</sub>" | 24<sup>1</sup>/<sub>8</sub>" | 35<sup>15</sup>/<sub>16</sub>" | 47<sup>3</sup>/<sub>4</sub>" | 59<sup>9</sup>/<sub>16</sub>" | Continuous runs

W = 2<sup>3</sup>/<sub>16</sub>"

H = 2<sup>5</sup>/<sub>8</sub>"



## PENDANT



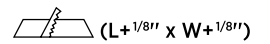
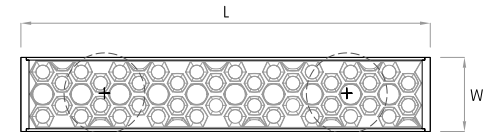
Actual

L = 12<sup>3</sup>/<sub>16</sub>" | 24<sup>1</sup>/<sub>8</sub>" | 35<sup>15</sup>/<sub>16</sub>" | 47<sup>3</sup>/<sub>4</sub>" | 59<sup>9</sup>/<sub>16</sub>" | Continuous runs

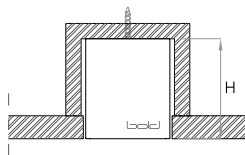
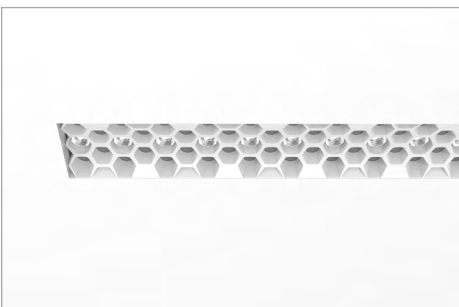
W = 2<sup>3</sup>/<sub>16</sub>"

H = 2<sup>5</sup>/<sub>8</sub>"

X = 59" or 118"



## MILLWORK

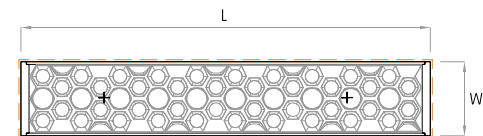


Actual

L = 12<sup>3</sup>/<sub>16</sub>" | 24<sup>1</sup>/<sub>8</sub>" | 35<sup>15</sup>/<sub>16</sub>" | 47<sup>3</sup>/<sub>4</sub>" | 59<sup>9</sup>/<sub>16</sub>" | Continuous runs

W = 2<sup>3</sup>/<sub>16</sub>"

H = 2<sup>5</sup>/<sub>8</sub>"



## DELIVERED LUMEN OUTPUT

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
<b>L</b>	4W	133lm	139lm	146lm	151lm
<b>M</b>	9W	261lm	273lm	286lm	296lm
<b>H</b>	15W	418lm	441lm	463lm	470lm
<b>V</b>	19W	522lm	545lm	572lm	586lm

DIM-TO-WARM 3000K-1800K		3000K
<b>D</b>	12.5W	346lm
<b>W</b>	18W	470lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
<b>U</b>	12W	128lm	145lm
<b>A</b>	22W	215lm	238lm

## DIMENSIONS TABLE

		12"		24"		36"		48"		60"				
		Height		Width		Actual Length		Actual Length		Actual Length				
Surface Mounted	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
		65	2 5/8	55	2 3/16	313	12 3/16	613	24 1/8	913	35 15/16	1213	47 3/4	1513
Pendant	65	2 5/8	55	2 3/16	313	12 3/16	613	24 1/8	913	35 15/16	1213	47 3/4	1513	59 9/16
Millwork	65	2 5/8	55	2 3/16	313	12 3/16	613	24 1/8	913	35 15/16	1213	47 3/4	1513	59 9/16

