

# 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 :** Surface Mounted / Pendant Millwork  
**Dimensions :** Refer to dimension table

## OPTICS

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

## LIGHT SOURCE

**Direct Light Source :** Mid-Power LEDs  
**Luminous Output :** from 575lm/m to 2470lm/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 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> 300 mm
		<b>24</b> 600 mm
	<b>P</b> Pendant	<b>36</b> 900 mm
		<b>48</b> 1200 mm
	<b>M</b> Millwork	<b>60</b> 1500 mm
		<b>72</b> 1800 mm
		<b>84</b> 2100 mm
		<b>96</b> 2400 mm
		<b>108</b> 2700 mm
		<b>120</b> 3000 mm
		<b>XX</b> Custom mm
For custom lengths and shapes, consult factory.		
For exact lengths refer to dimensions table.		

Code example: **BKO**-P12W-L21-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> 610lm/m (16W)	<b>2</b> 220-240V	<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> 1225lm/m (33W)		<b>I</b> 0-10V to 1%	<b>B</b> Flat Black			<b>30</b> 3000K	<b>9<sup>6</sup></b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 1835lm/m (49W)	<b>U<sup>4</sup></b> Universal 120 to 277V	<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> 2350lm/m (66W)		<b>L</b> ELV Dimming	<b>C</b> Specular Chrome			<b>40</b> 4000K	
	<b>U<sup>3</sup></b> 1285lm/m (33W)		<b>M</b> DMX	<b>E</b> Diffuse Gold			<b>TW</b> 2700K - 5000K	
	<b>A<sup>3</sup></b> 2470lm/m (66W)		<b>N<sup>5</sup></b> LUTRON	<b>X</b> Custom				

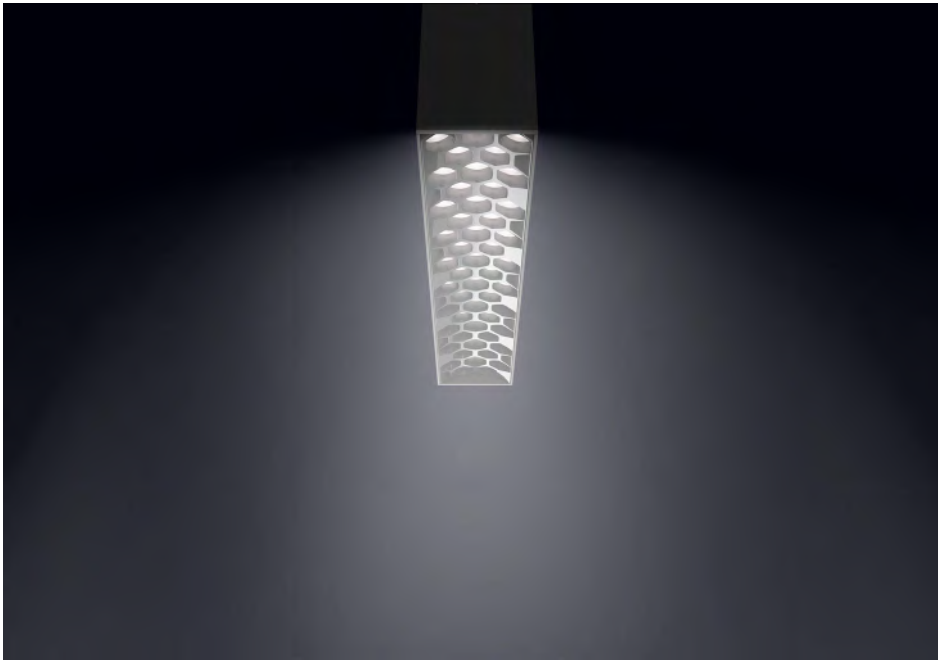
Notes:  
<sup>1</sup> 150 mm length increments available as a modification.  
<sup>2</sup> Denotes output at 3000K, unless otherwise noted.  
<sup>3</sup> Denotes output specific to Tunable White at full on.  
<sup>4</sup> Not applicable for ELV dimming.  
<sup>5</sup> Hi-lume, Vive, and Athena compatible.  
<sup>6</sup> Not applicable for integral driver.

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

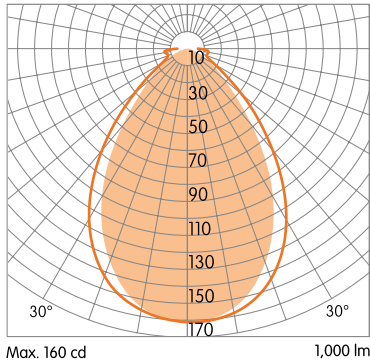


**Bold Lighting**  
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DIFFUSE DISTRIBUTION



70° Beam Angle (Diffuse distribution)

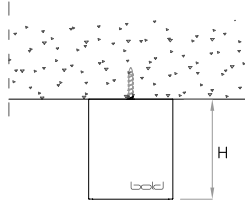
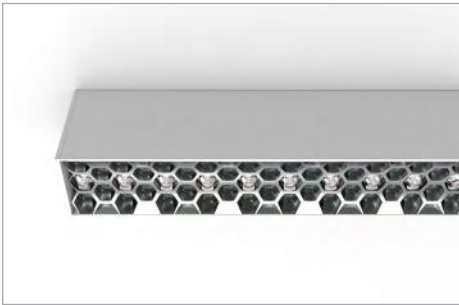


The diffuse distribution is the most versatile distribution for general lighting. It offers a soft and even illumination on both horizontal and vertical surfaces.

# MOUNTING FLEXIBILITY

Per Millimeter

## SURFACE MOUNTED



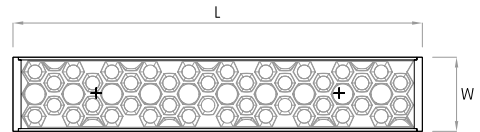
Actual (mm)

L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713

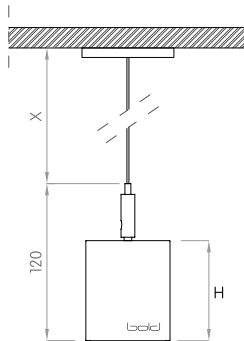
3013 | Continuous runs

W= 55

H= 65



## PENDANT



Actual (mm)

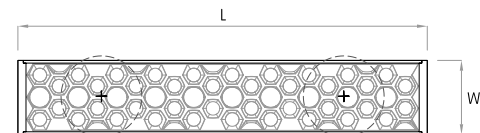
L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713

3013 | Continuous runs

W= 55


H= 65

X= 1500 or 3000

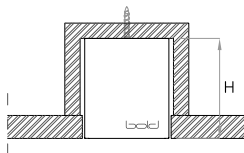
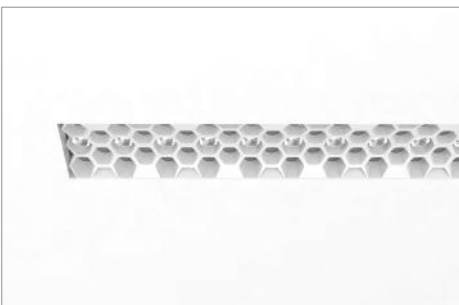


Note:

Pendants are provided with a default 5ft gray electric feed. Please request a modification if a different length or color is required.

 (L+3 x W+3)

## MILLWORK



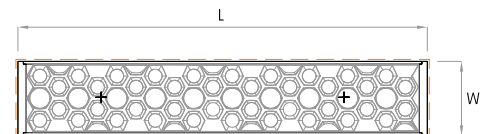
Actual (mm)

L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713

3013 | Continuous runs

W= 55

H= 65



## DELIVERED LUMEN OUTPUT

Per Meter

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
<b>L</b>	16W	575 lm	610 lm	630 lm	640 lm
<b>M</b>	33W	1160 lm	1225 lm	1260 lm	1285 lm
<b>H</b>	49W	1740 lm	1835 lm	1895 lm	1930 lm
<b>V</b>	66W	2225 lm	2350 lm	2420 lm	2470 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
<b>U</b>	33W	1160 lm	1285 lm
<b>A</b>	66W	2225 lm	2470 lm

## DIMENSIONS TABLE

Per Meter

	12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
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Height Width Actual Length

	Height	Width	12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
<b>Surface Mounted</b>	65	55	313	613	913	1213	1513	1813	2113	2413	2713	3013
<b>Pendant</b>	65	55	313	613	913	1213	1513	1813	2113	2413	2713	3013
<b>Millwork</b>	65	55	313	613	913	1213	1513	1813	2113	2413	2713	3013

