

# BILLET

INDOOR HONEYCOMB TIR - 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 :** IP20  
**Chicago plenum rated**

## LIGHT SOURCE

**Direct Light Source :** Hi-power LEDs  
**Luminous Output :** from 1600lm/m to 5110lm/m (Delivered)  
**Light Source CCT :** 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)  
**Color Rendering Index :** Ra90  
**Lifetime :** L80 B10 @ 70,000 Hrs

## INSTALLATION

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

## 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

## OPTICS

**Optical Distribution :** 10° / 20° / 35° / 60°  
 Elliptical (10°x40°) (25°x50°)  
**Glare Control :** UGR<19

Code example: **BKH** - P12W - L21 - W - E927 - 0

Series	Mounting	Nominal Length <sup>1</sup>
<b>BKH</b>	<b>S</b> Surface Mounted	<b>12</b> 300 mm
	<b>P</b> Pendant	<b>24</b> 600 mm
	<b>M</b> Millwork	<b>36</b> 900 mm
		<b>48</b> 1200 mm
		<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.

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
<b>B</b> Black	<b>L<sup>2</sup></b> 1600lm/m (16W)	<b>2</b> 220-240V	<b>H</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> 2785lm/m (33W)	<b>U<sup>4</sup></b> Universal 120 to 277V	<b>I</b> 0-10V to 1%	<b>B</b> Flat Black	<b>N</b> 20°		<b>30</b> 3000K	<b>9<sup>5</sup></b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 3835lm/m (49W)		<b>K</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> 5110lm/m (66W)		<b>L</b> ELV Dimming	<b>C</b> Specular Chrome	<b>W</b> 60°		<b>40</b> 4000K	
	<b>U<sup>3</sup></b> 2785lm/m (33W)		<b>M</b> DMX	<b>E</b> Diffuse Gold	<b>E</b> 10°x 40°		<b>TW</b> 2700K - 5000K	
	<b>A<sup>3</sup></b> 5110lm/m (66W)	<b>N<sup>5</sup></b> LUTRON	<b>X</b> Custom	<b>G</b> 25°x 50°				

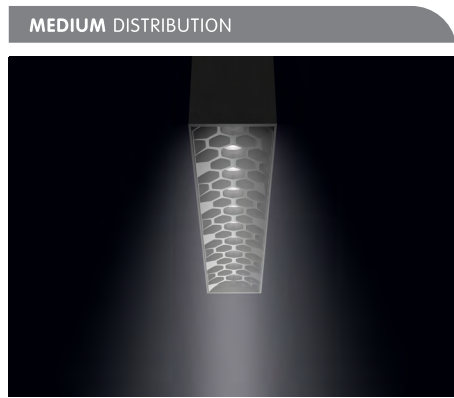
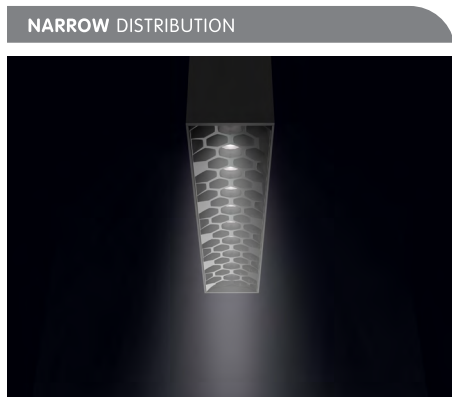
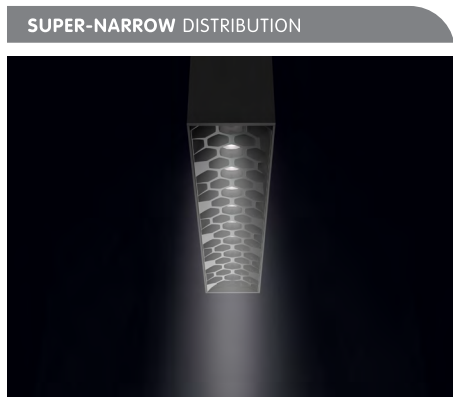
Notes:  
<sup>1</sup> 150 mm length increments available as a modification.  
<sup>2</sup> Denotes output at 3000K, unless otherwise noted.  
<sup>3</sup> Denotes output specific to Tunable White at full on.  
<sup>4</sup> Not applicable for ELV dimming.  
<sup>5</sup> Hi-lume, Vive, and Athena compatible.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

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

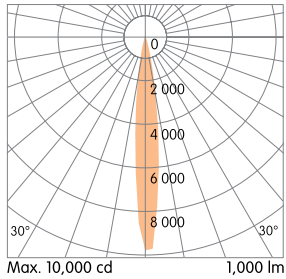


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# OPTICAL FLEXIBILITY

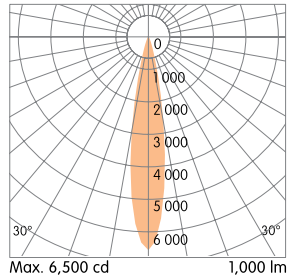


10° Beam Angle



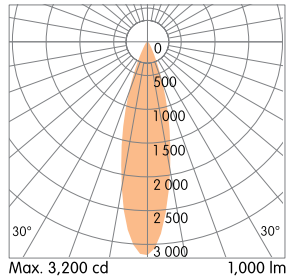
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

20° Beam Angle

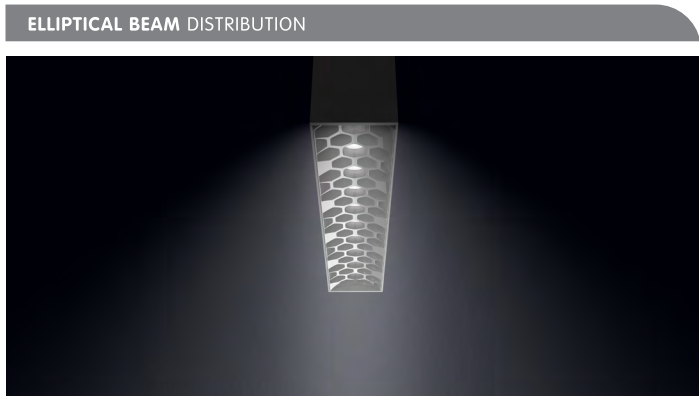
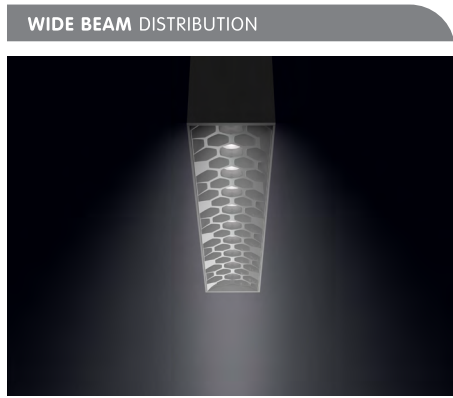


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

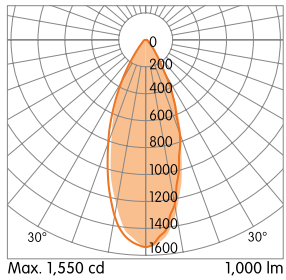
35° Beam Angle



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.

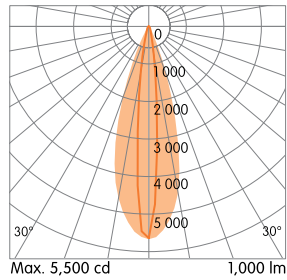


60° Beam Angle



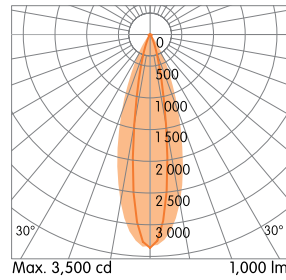
The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

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.

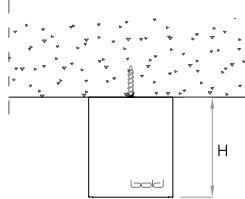
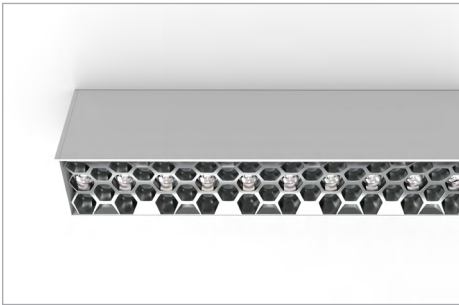
25° x 50° Beam Angle



# MOUNTING FLEXIBILITY

Per Millimeter

## SURFACE MOUNTED



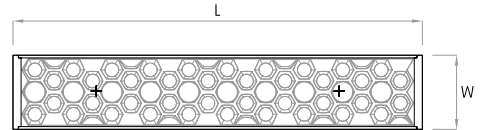
Actual (mm)

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

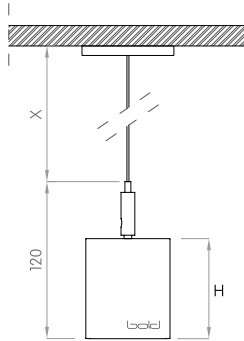
3013 | Continuous runs

W= 55

H= 65



## PENDANT



Actual (mm)

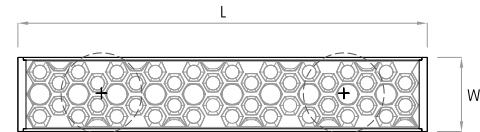
L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713

3013 | Continuous runs

W= 55

H= 65

X= 1500 or 3000

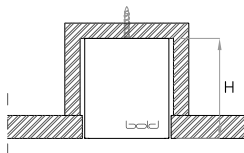
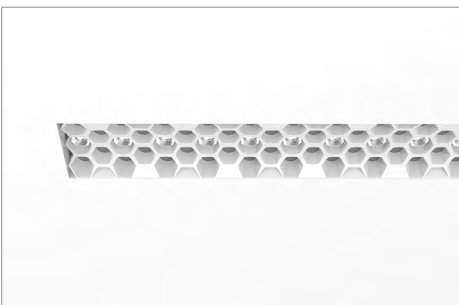


Note:

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



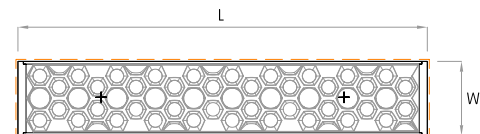
Actual (mm)

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	1600 lm	1600 lm	1600 lm	1600 lm
<b>M</b>	33W	2785 lm	2785 lm	2785 lm	2785 lm
<b>H</b>	49W	3835 lm	3835 lm	3835 lm	3835 lm
<b>V</b>	66W	5110 lm	5110 lm	5110 lm	5110 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
<b>U</b>	33W	2785 lm	2785 lm
<b>A</b>	66W	5110 lm	5110 lm

## DIMENSIONS TABLE

Per Meter

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

