

# 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 119lm/ft. to 842lm/ft. (Delivered)  
**Light Source CCT :** 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)  
**Color Rendering Index :** Ra90

## INSTALLATION

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

## 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

## OPTICS

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

Series	Mounting	Nominal Length <sup>1</sup>
<b>BKH</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
For custom lengths and shapes, consult factory.		
For exact lengths refer to dimensions table.		

Code example: **BKH**-P12W-L11-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> 259lm/ft (4W)	<b>1</b> 120V <b>U<sup>4</sup></b> Universal 120V to 277V	<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> 432lm/ft (9W)		<b>I</b> 0-10V to 1%	<b>B</b> Flat Black	<b>M</b> 20°		<b>30</b> 3000K	<b>9</b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 632lm/ft (15W)		<b>J</b> 0-10V to Fade-off	<b>N</b> Black Nickel	<b>F</b> 35°		<b>35</b> 3500K	
<b>X</b> Custom RAL	<b>V<sup>2</sup></b> 772lm/ft (19W)		<b>L</b> ELV Dimming	<b>C</b> Specular Chrome	<b>W</b> 60°		<b>40</b> 4000K	
	<b>U<sup>3</sup></b> 135lm/ft (12W)	<b>K</b> DALI to 1%	<b>G</b> Bright Gold	<b>E</b> 10°x 40°	<b>TW</b> 2700K - 5000K			
	<b>A<sup>3</sup></b> 221lm/ft (22W)	<b>M</b> DMX	<b>E</b> Diffuse Gold	<b>E</b> 25°x 50°				
			LUTRON	<b>X</b> Custom				

### Notes:

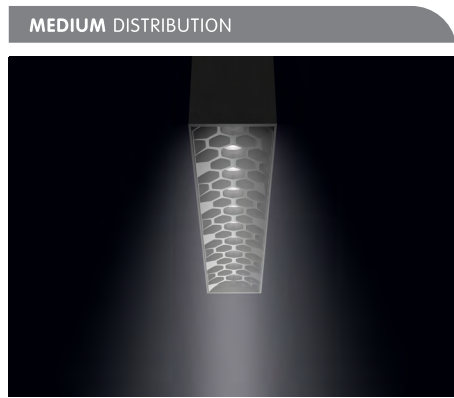
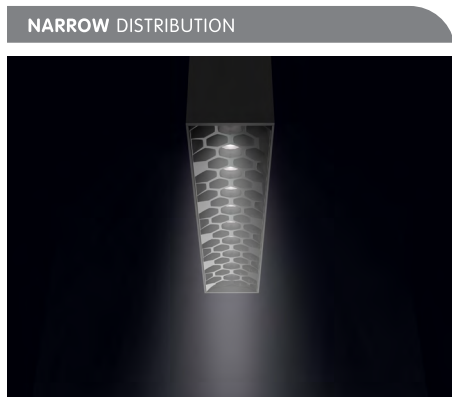
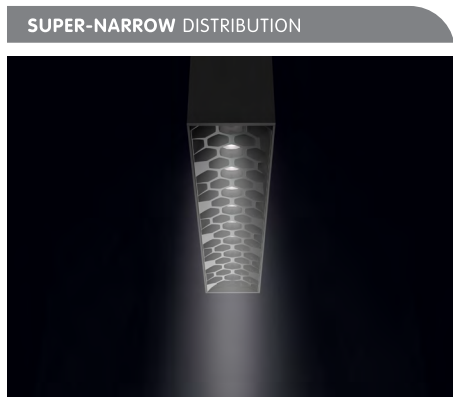
- <sup>1</sup> 6" length increments available as a modification.
- <sup>2</sup> Denotes output at 3000K, unless otherwise noted.
- <sup>3</sup> Denotes output specific to Tunable White at full on.
- <sup>4</sup> Not applicable for ELV dimming.
- <sup>5</sup> Hi-lume, Vive, and Athena compatible.

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

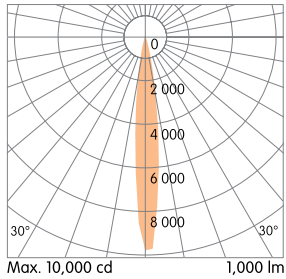


**Bold Lighting**  
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# OPTICAL FLEXIBILITY

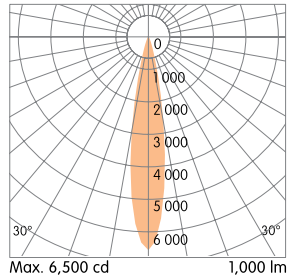


10° Beam Angle



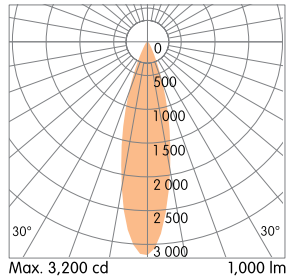
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

20° Beam Angle

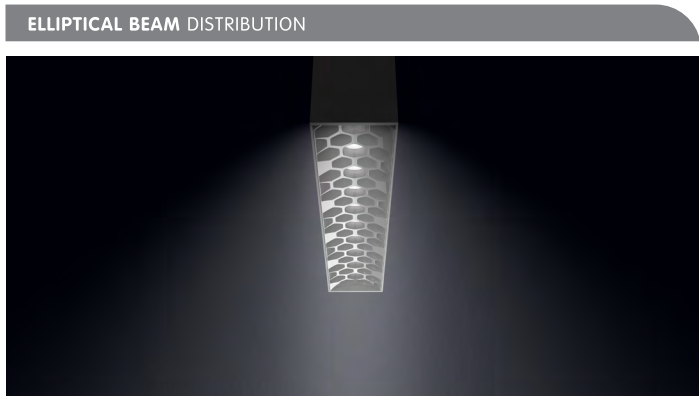
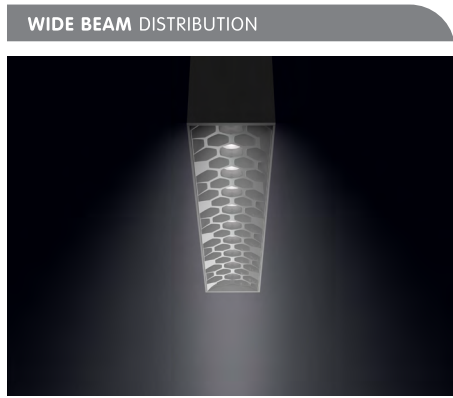


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

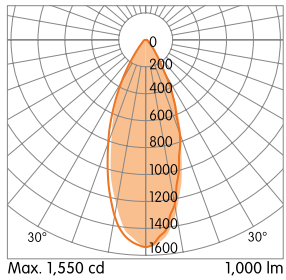
35° Beam Angle



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.

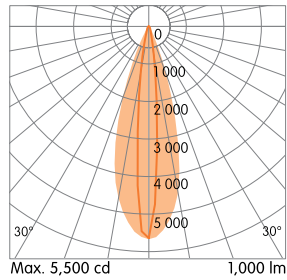


60° Beam Angle



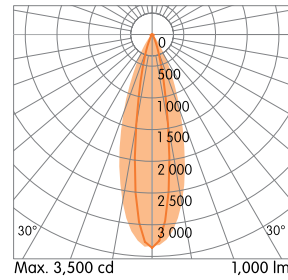
The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

10° x 40° Beam Angle



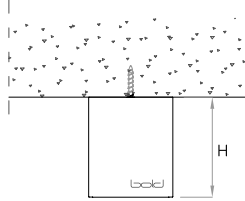
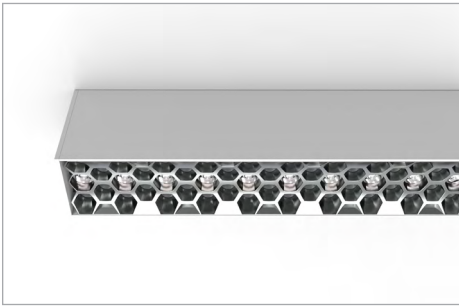
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



# MOUNTING FLEXIBILITY

## SURFACE MOUNTED

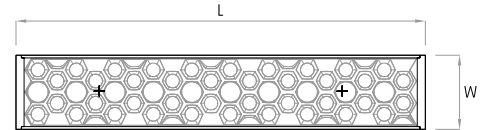


Actual

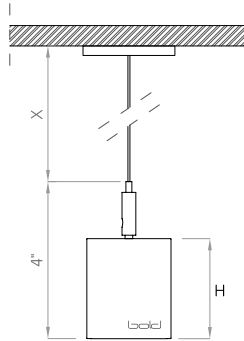
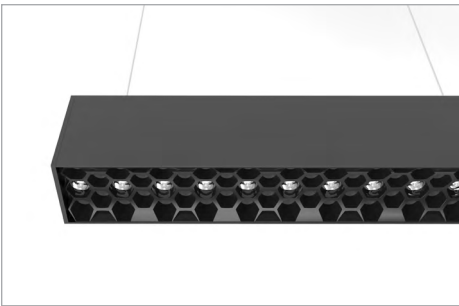
L= 12<sup>3/16"</sup> | 24<sup>1/8"</sup> | 35<sup>15/16"</sup> | 47<sup>3/4"</sup> | 59<sup>9/16"</sup> | Continuous runs

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

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



## PENDANT



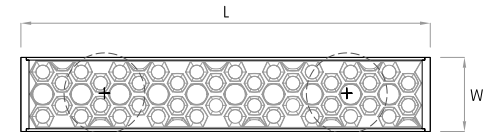
Actual

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

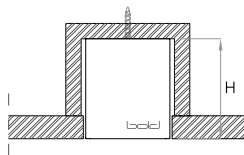
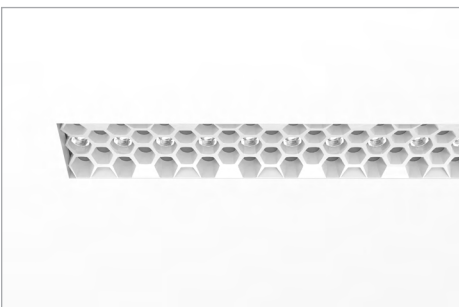
W= 2<sup>3/16"</sup>

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

X= 59" or 118"



## MILLWORK




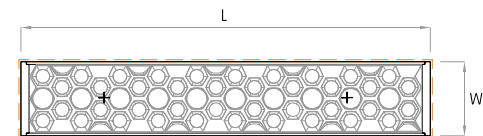
Actual

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

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

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

 (L+<sup>1/8"</sup> x W+<sup>1/8"</sup>)



## DELIVERED LUMEN OUTPUT

Output      Watts      CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
<b>L</b>	4W	250lm	259lm	272lm	281lm
<b>M</b>	9W	416lm	432lm	454lm	470lm
<b>H</b>	15W	608lm	632lm	663lm	691lm
<b>V</b>	19W	744lm	772lm	811lm	842lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
<b>U</b>	12W	119lm	135lm
<b>A</b>	22W	200lm	221lm

## DIMENSIONS TABLE

		12"		24"		36"		48"		60"				
Height		Width		Actual Length		Actual Length		Actual Length		Actual Length				
<b>Surface Mounted</b>	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	59 9/16
	<b>Pendant</b>	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
<b>Millwork</b>	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

