

# BILLET

INDOOR HONEYCOMB TIR - INTEGRAL

**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 485lm/ft. to 1560lm/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 :** Dry / Damp Location  
**Mounting :** Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless) Millwork / Surface Mounted / Pendant  
**Dimensions :** Refer to dimension table

## ELECTRICAL

**Input Voltage :** 120V / UNV 120-277V - 50Hz/60Hz  
**Load :** 5W/ft. to 20W/ft.  
**Output Type :** Constant Current  
**Driver Type :** Integral  
**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>BXH</b>	<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>M</b> Millwork	<b>60</b> 60"

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

Code example: **BXH** - P12W - L1B - 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> 485lm/ft (5W)	<b>1</b> 120V	<b>A</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> 850lm/ft (10W)	<b>U<sup>4</sup></b> Universal 120 to 277V	<b>B</b> 0-10V to 1%	<b>B</b> Flat Black	<b>M</b> 20°		<b>30</b> 3000K	<b>9<sup>6</sup></b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 1170lm/ft (15W)		<b>D</b> DALI to 1%	<b>N</b> Black Nickel	<b>F</b> 35°		<b>35</b> 3500K	
<b>X</b> Custom RAL	<b>V<sup>2</sup></b> 1560lm/ft (20W)		<b>E</b> ELV Dimming	<b>C</b> Specular Chrome	<b>W</b> 60°		<b>40</b> 4000K	
	<b>U<sup>3</sup></b> 850lm/ft (10W)		<b>F</b> DMX	<b>E</b> Diffuse Gold	<b>E</b> 10°x 40°		<b>TW</b> 2700K - 5000K	
	<b>A<sup>3</sup></b> 1560lm/ft (20W)		<b>G<sup>5</sup></b> LUTRON	<b>X</b> Custom	<b>G</b> 25°x 50°			

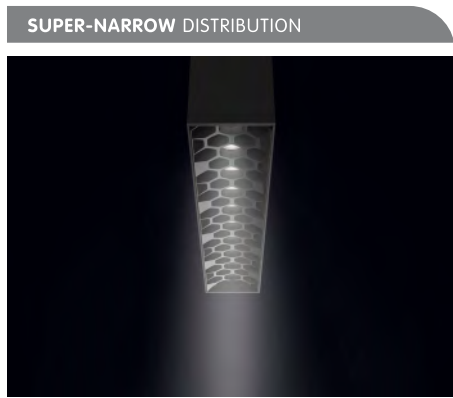
Notes:  
<sup>1</sup> 6" length increments available as a modification.  
<sup>2</sup> Denotes output at 3000K, unless otherwise noted.  
<sup>3</sup> Denotes output specific to Tunable White at full on.  
<sup>4</sup> Not applicable for ELV dimming.  
<sup>5</sup> Hi-lume, Vive, and Athena compatible.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

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

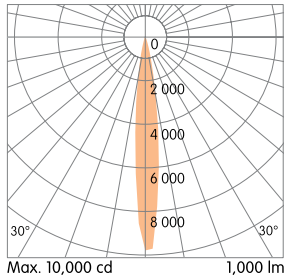


**Bold Lighting**  
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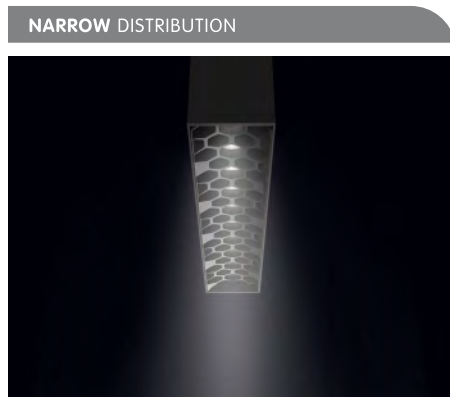
# OPTICAL FLEXIBILITY



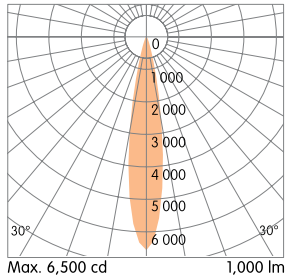
10° Beam Angle



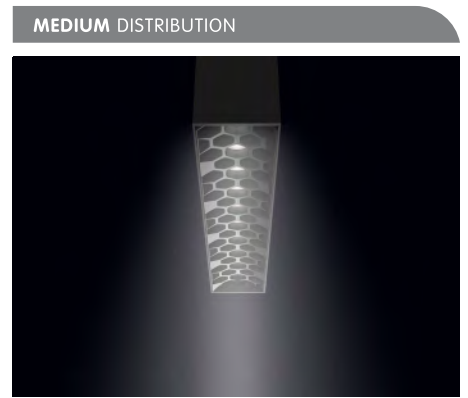
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.



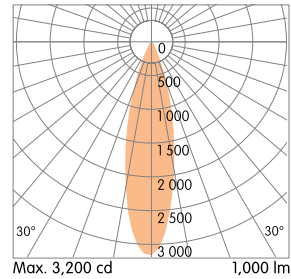
20° Beam Angle



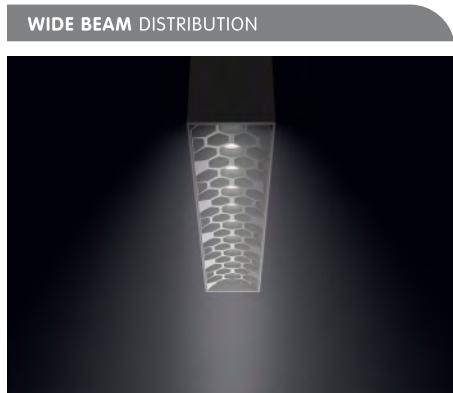
The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.



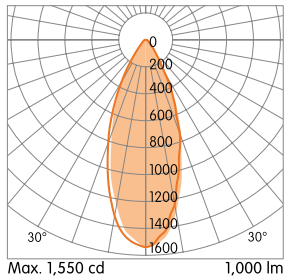
35° Beam Angle



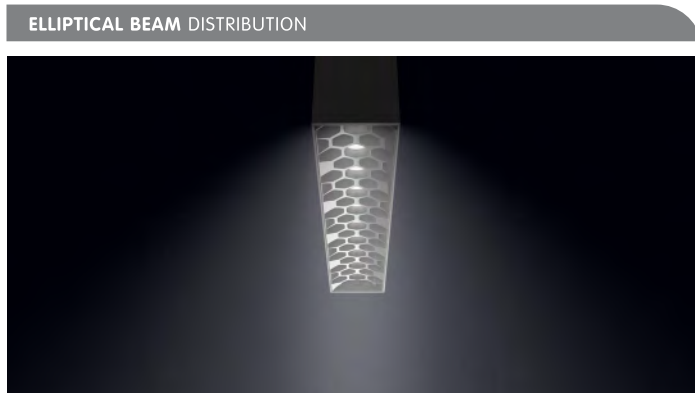
The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.



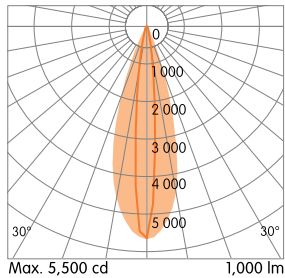
60° Beam Angle



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.

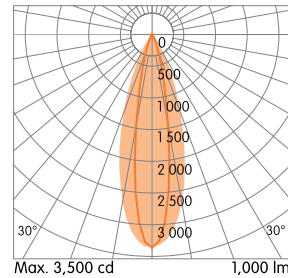


10° x 40° Beam Angle



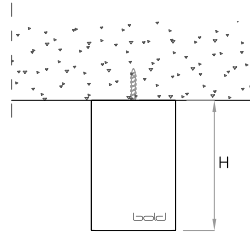
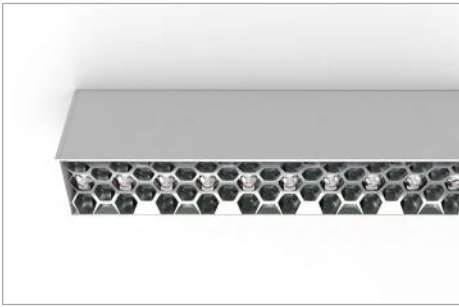
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



# MOUNTING FLEXIBILITY

## SURFACE MOUNTED

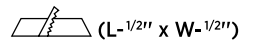
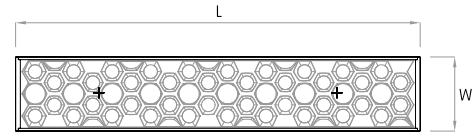


Actual

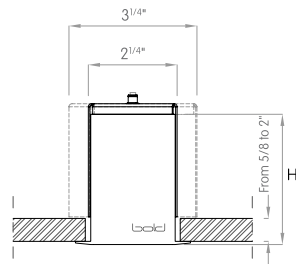
L= 12<sup>1</sup>/<sub>8</sub>" | 23<sup>15</sup>/<sub>16</sub>" | 35<sup>3</sup>/<sub>4</sub>" | 47<sup>9</sup>/<sub>16</sub>" | 59<sup>3</sup>/<sub>8</sub>" | Continuous runs

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

H= 3<sup>3</sup>/<sub>8</sub>"



## RECESSED WITH TRIM

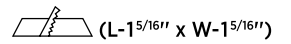
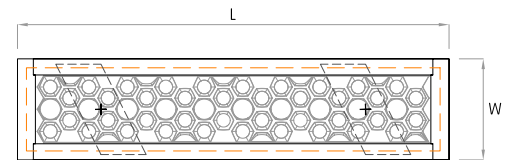


Actual

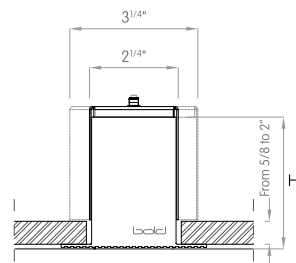
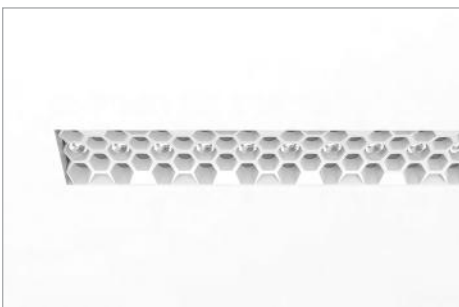
L= 12<sup>15</sup>/<sub>16</sub>" | 24<sup>3</sup>/<sub>4</sub>" | 36<sup>1</sup>/<sub>2</sub>" | 48<sup>3</sup>/<sub>8</sub>" | 60<sup>3</sup>/<sub>16</sub>" | Continuous runs

W= 3"

H= 3<sup>3</sup>/<sub>8</sub>"



## RECESSED TRIMLESS

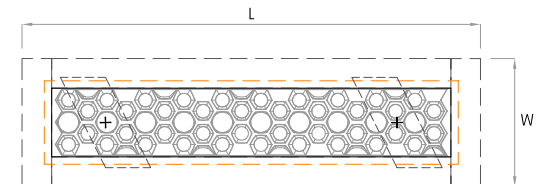


Actual

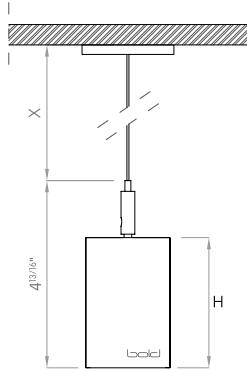
L= 13<sup>11</sup>/<sub>16</sub>" | 25<sup>1</sup>/<sub>2</sub>" | 37<sup>5</sup>/<sub>16</sub>" | 49<sup>1</sup>/<sub>8</sub>" | 60<sup>15</sup>/<sub>16</sub>" | Continuous runs

W= 3<sup>3</sup>/<sub>4</sub>"

H= 3<sup>3</sup>/<sub>8</sub>"



# MOUNTING FLEXIBILITY



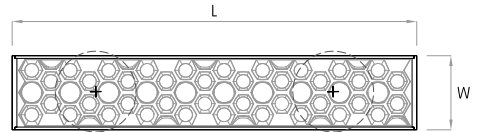
Actual

L= 12<sup>1/8</sup>" | 23<sup>15/16</sup>" | 35<sup>3/4</sup>" | 47<sup>9/16</sup>" | 59<sup>3/8</sup>" | Continuous runs

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

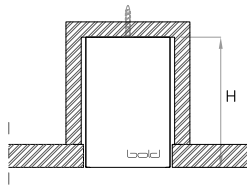
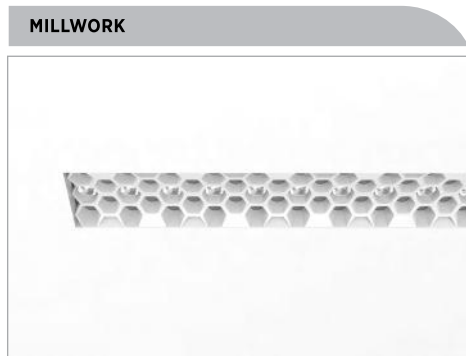
H= 3<sup>3/8</sup>"

X= 59" or 118"



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

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

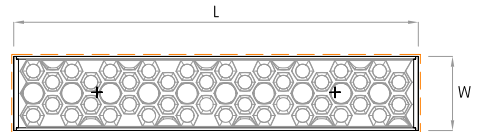


Actual

L= 12<sup>1/8</sup>" | 23<sup>15/16</sup>" | 35<sup>3/4</sup>" | 47<sup>9/16</sup>" | 59<sup>3/8</sup>" | Continuous runs

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

H= 3<sup>3/8</sup>"



## DELIVERED LUMEN OUTPUT

Per Linear Foot

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	485 lm	485 lm	485 lm	485 lm
M	10W	850 lm	850 lm	850 lm	850 lm
H	15W	1170 lm	1170 lm	1170 lm	1170 lm
V	20W	1560 lm	1560 lm	1560 lm	1560 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	850 lm	850 lm
A	20W	1560 lm	1560 lm

## DIMENSIONS TABLE

					12"	24"	36"	48"	60"					
		Height		Width		Actual Length								
Surface Mounted	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
		85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508
Recessed with Trim	85	3 3/8	75	3	328	12 15/16	628	24 3/4	928	36 1/2	1228	48 3/8	1528	60 3/16
Recessed Trimless	85	3 3/8	95	3 3/4	348	13 11/16	648	25 1/2	948	37 5/16	1248	49 1/8	1548	60 15/16
Pendant	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8
Millwork	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8

