

# BILLET

INDOOR SYMMETRIC BAFFLES - 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 Symmetrical Baffles were designed to provide unmatched performance 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 1570lm/m to 6035lm/m (Delivered)  
**Light Source CCT :** 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)  
**Dim-to-Warm (3000K-1800K)**  
**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

## OPTICS

**Optical Distribution :** 10° / 20° / 28° / 50°  
 Elliptical (10°x28°) / (10°x36°)  
**Glare Control :** UGR<19

## 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>BJS</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.

Code example: **BJS** - P12W-L21-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> 1795lm/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> 3115lm/m (33W)	<b>U<sup>5</sup></b> Universal 120 to 277V	<b>I</b> 0-10V to 1%	<b>B</b> Flat Black	<b>M</b> 20°		<b>30</b> 3000K	<b>9<sup>7</sup></b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 4370lm/m (49W)		<b>K</b> DALI to 1%	<b>N</b> Black Nickel	<b>F</b> 28°		<b>35</b> 3500K	
<b>X</b> Custom RAL	<b>V<sup>2</sup></b> 5640lm/m (66W)		<b>L</b> ELV Dimming	<b>C</b> Specular Chrome	<b>B</b> 50°		<b>40</b> 4000K	
	<b>D<sup>3</sup></b> 1705lm/m (26W)		<b>M</b> DMX	<b>E</b> Diffuse Gold	<b>E</b> 10°x 28°		<b>WD</b> 3000K-1800K	
	<b>W<sup>3</sup></b> 4845lm/m (59W)		<b>N<sup>6</sup></b> LUTRON	<b>X</b> Custom	<b>G</b> 10°x 36°		<b>TW</b> 2700K - 5000K	
	<b>U<sup>4</sup></b> 2640lm/m (33W)							
	<b>A<sup>4</sup></b> 4845lm/m (66W)							

**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 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.
- <sup>7</sup> Not applicable for integral driver.

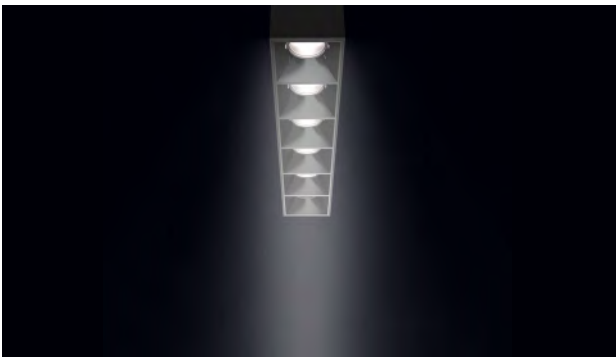
Consult factory for lead-times.  
 Consult factory for systems using multiple optics and mounting configurations.



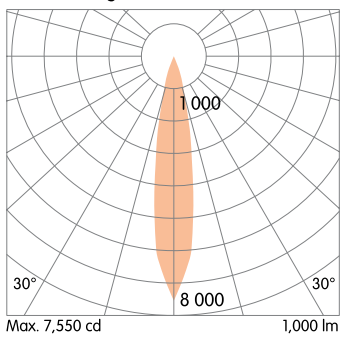
**Bold Lighting**  
 4710 Ecton Dr., Marietta, GA 30066, USA  
 info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

# OPTICAL FLEXIBILITY

## NARROW BEAM SYMMETRICAL BAFFLE

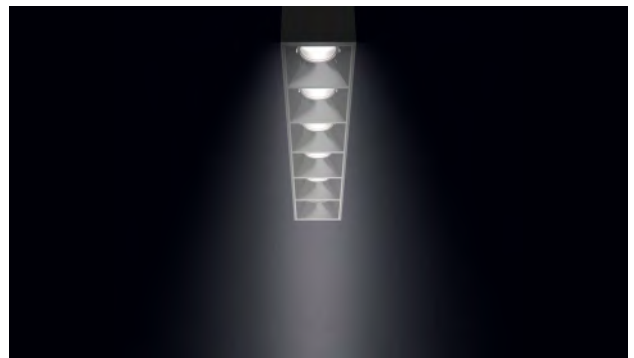


10° Beam Angle

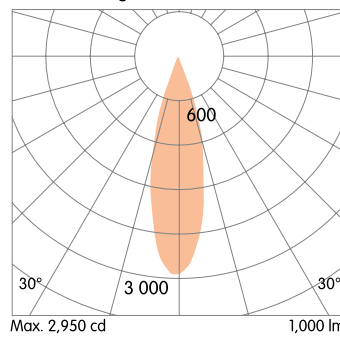


A narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

## MEDIUM BEAM SYMMETRICAL BAFFLE

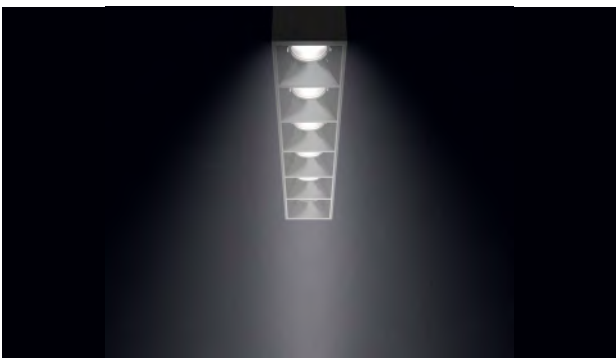


25° Beam Angle

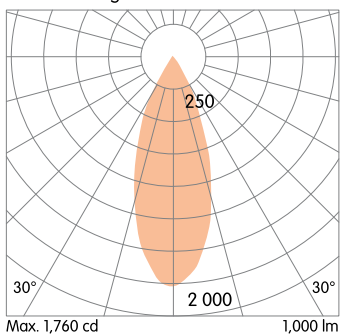


The 25° medium beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

## FLOOD BEAM SYMMETRICAL BAFFLE



40° Beam Angle

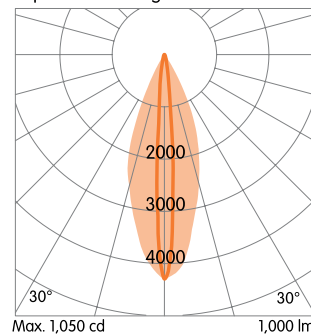


A 40° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

## ELLIPTICAL DISTRIBUTION



Elliptical Beam Angle

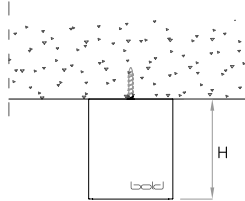


Elliptical distributions can be used anywhere focused illumination is needed. Bille's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.

# MOUNTING FLEXIBILITY

Per Millimeter

## SURFACE MOUNTED

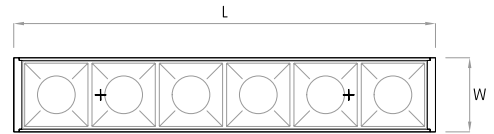


Actual (mm)

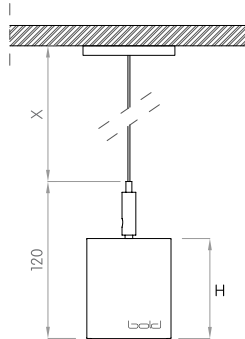
L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713  
3013 | Continuous runs

W= 55

H= 65



## PENDANT



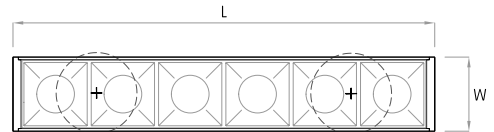
Actual (mm)

L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713  
3013 | Continuous runs

W= 55

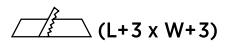
H= 65

X= 1500 or 3000

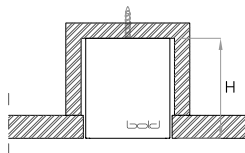
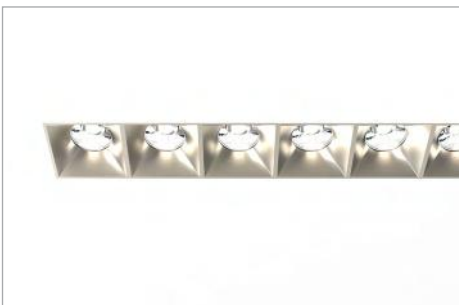


Note:

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



## MILLWORK

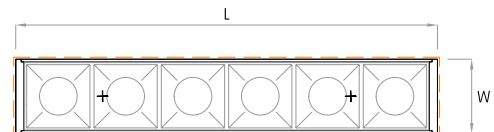


Actual (mm)

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
L	16W	1570 lm	1795 lm	1695 lm	1730 lm
M	33W	2935 lm	3115 lm	3170 lm	3230 lm
H	49W	4275 lm	4370 lm	4620 lm	4705 lm
V	66W	5485 lm	5640 lm	5925 lm	6035 lm

DIM-TO-WARM 3000K-1800K		3000K
D	26W	1705 lm
W	59W	4845 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	2640 lm	2640 lm
A	66W	4845 lm	4845 lm

RGBW		R	G	B	W
TOTAL	66W	2505 lm	4075 lm	630 lm	3880 lm

## DIMENSIONS TABLE

Per Meter

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

