

BILLET

INDOOR SYMMETRIC BAFFLES - 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 symmetrical baffles were designed to provide bold illumination while maintaining minimal glare. Like all Bold products, 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

INSTALLATION

Environment : Dry / Damp Location
Mounting : Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless) / Millwork / Surface Mounted / Pendant
Dimensions : Refer to dimension table

OPTICS

Optical Distribution : 10° / 25° / 40° / Elliptical (10°x28°) / (10°x36°)
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 690lm/ft. to 2650lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)³ / Dim-to-Warm (3000K-1800K)³
Color Rendering Index : Ra80 / Ra90

ELECTRICAL

Input Voltage : UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 22W/ft.
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume

Series	Mounting	Nominal Length
BIS	R Recessed with Trim	12 12"
	T Recessed Trimless	18 18"
	S Surface Mounted	24 24"
	P Pendant	30 30"
	M Millwork	36 36"
		42 42"
		48 48"
		54 54"
		60 60"
		XX Custom in
LX Elbow		
For exact lengths refer to dimensions table.		

Code example: **BIS** - P12W-L1B-W-E827-0

Body Finish	Output ¹	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
W White	L 690lm/ft (4W)	1 120V	A No Dimming	W Flat White	S 10°	8 +80	27 2700K	0 no
B Black	M 1140lm/ft (9W)		U ² Universal 120V to 277V	B 0-10V to 1%	B Flat Black		M 20°	
G Grey	H 1810lm/ft (15W)	C 0-10V to Fade-off		N Black Nickel	F 28°	35 3500K		
X Custom RAL	V 2650lm/ft (22W)	D DALI to 1%		C Specular Chrome	B 50°	40 4000K		
		E ELV Dimming		G Bright Gold	E 10°x 28°	WD ⁴ 3000K- 1800K		
		F DMX		E Diffuse Gold	G 10°x 36°	TW ⁵ 2700K - 5000K		
		G ³ LUTRON		X Custom		CC RGBW		

Notes:

- ¹ Denotes output at 3000K, unless otherwise noted.
- ² Not applicable for ELV dimming.
- ³ Hi-Lume 1% EcoSystem Soft-on, Fade-to-Black dimming.
- ⁴ Denotes output specific to Dim-to-Warm at 3000K.
- ⁵ Denotes output specific to Tunable White at full on.

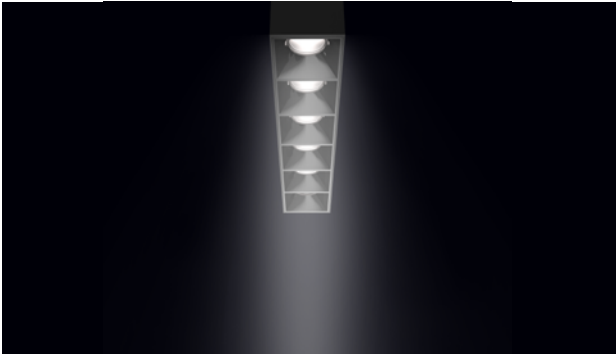
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



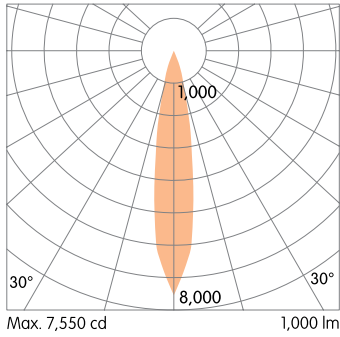
Bold Lighting
 4710 Ecton Dr. Unit F & G, Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us
 t: +1-678-903-4061

OPTICAL FLEXIBILITY

NARROW BEAM SYMMETRICAL BAFFLE

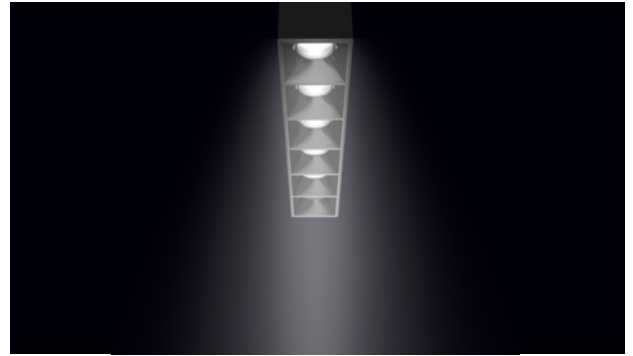


10° Beam Angle

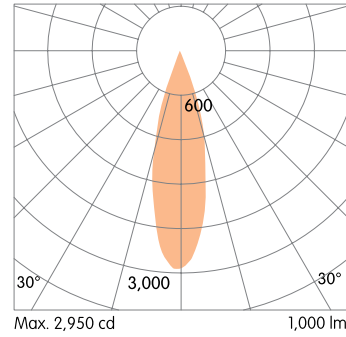


A narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

MEDIUM BEAM SYMMETRICAL BAFFLE



25° Beam Angle

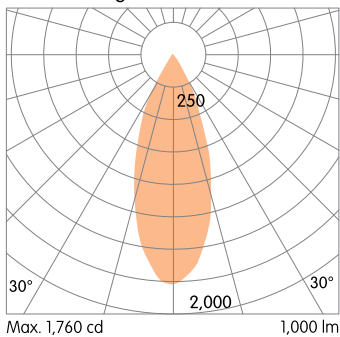


The 25° medium beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM SYMMETRICAL BAFFLE



40° Beam Angle

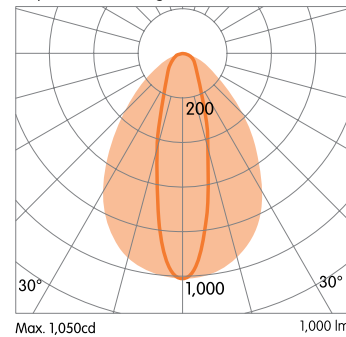


A 40° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

ELLIPTICAL DISTRIBUTION



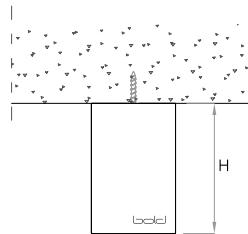
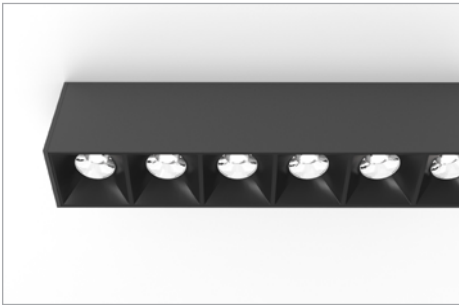
Elliptical Beam Angle



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

SURFACE MOUNTED

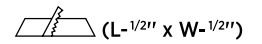
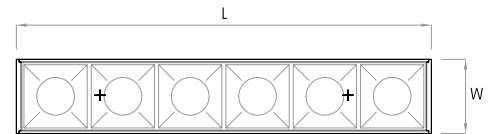


Actual

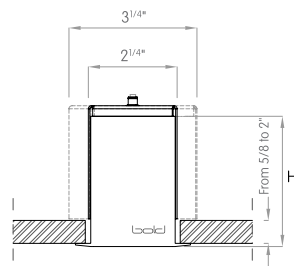
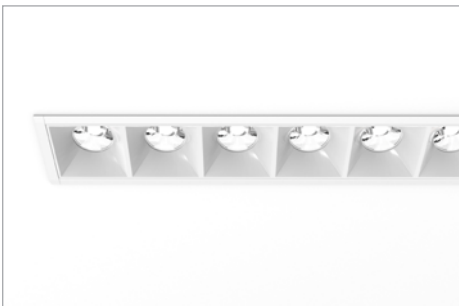
L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



RECESSED WITH TRIM

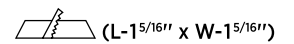
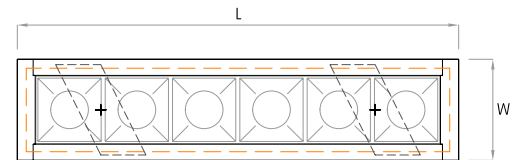


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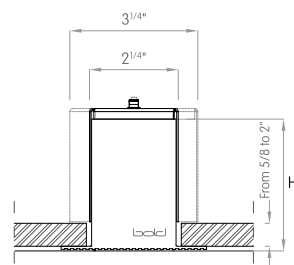
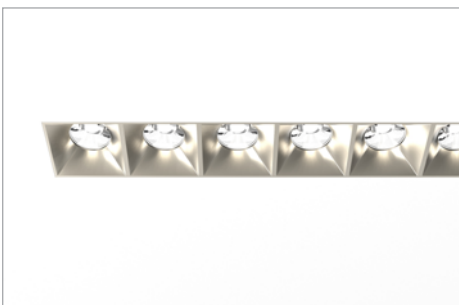
L= 12¹⁵/₁₆" | 24³/₄" | 36¹/₂" | 48³/₈" | 60³/₁₆" | Continuous runs

W= 3"

H= 3³/₈"



RECESSED TRIMLESS

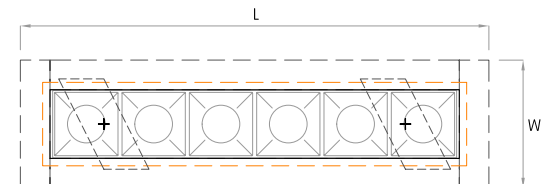


Actual

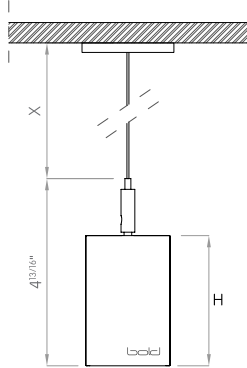
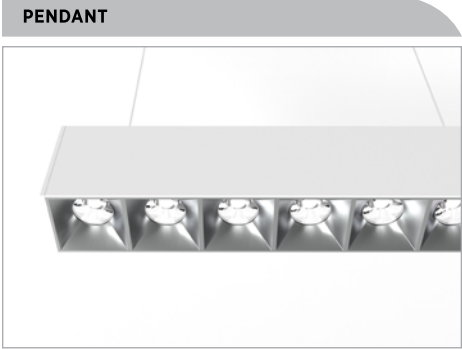
L= 13¹¹/₁₆" | 25¹/₂" | 37⁵/₁₆" | 49¹/₈" | 60¹⁵/₁₆" | Continuous runs

W= 3³/₄"

H= 3³/₈"



MOUNTING FLEXIBILITY



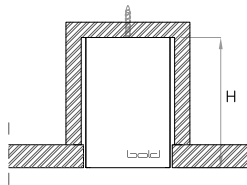
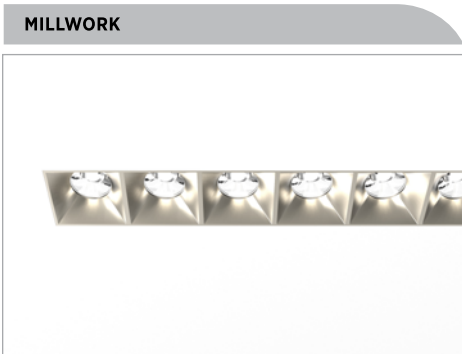
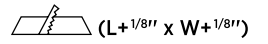
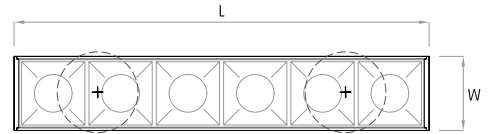
Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"

X= 59" or 118"

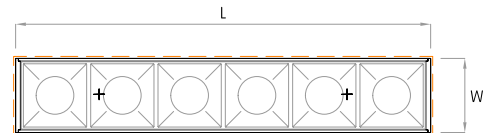


Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



DELIVERED LUMEN OUTPUT

Output		Watts			CRI +80			CRI +90						
STATIC-WHITE				2700K	3000K	4000K			2700K	3000K	4000K			
L	4W			660lm	690lm	730lm			560lm	580lm	610lm			
M	9W			1080lm	1140lm	1180lm			910lm	940lm	1000lm			
H	15W			1710lm	1810lm	1880lm			1450lm	1490lm	1580lm			
V	22W			2550lm	2650lm	2790lm			2100lm	2180lm	2300lm			
DIM-TO-WARM 3000K-1800K									3000K					
L	9W								1000lm					
V	18W								1820lm					
TUNABLE WHITE 2700K-5000K														
L	12W			1220lm					1030lm					
V	22W			1710lm					1450lm					
RGBW									R	G	B	W		
TOTAL	47.5W								(9W) 240lm	(13.5W) 700lm	(13W) 220lm	(12W) 630lm		

DIMENSIONS TABLE

				12"		24"		36"		48"		60"		
		Height		Width		Actual Length		Actual Length		Actual Length		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

