

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 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) / RGBW
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 : 220-240V / UNV 120-277V - 50Hz/60Hz
Load : 16W/m to 66W/m
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° / 28° / 50°
 Elliptical (10°x28°) / (10°x36°)
Glare Control : UGR<19

Code example: **BIS** - P12W-L2B-W-E927-0

Series	Mounting	Nominal Length ¹
BIS	R Recessed with Trim	12 300 mm
	T Recessed Trimless	24 600 mm
	S Surface Mounted	36 900 mm
	P Pendant	48 1200 mm
	M Millwork	60 1500 mm
		72 1800 mm
		84 2100 mm
		96 2400 mm
		108 2700 mm
		120 3000 mm
	XX 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 Black	L² 1795lm/m (16W)	2 220-240V	A No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No	
G Grey	M² 3115lm/m (33W)						30 3000K		
W White	H² 4370lm/m (49W)	U⁶ Universal 120 to 277V	B 0-10V to 1%	B Flat Black	N 20°	35 3500K	40 4000K	9⁹ 90 mins	
X Custom RAL	V² 5640lm/m (66W)		D DALI to 1%	N Black Nickel	M 28°		F 50°		WD 3000K-1800K
	D³ 1705lm/m (26W)		E ELV Dimming	C Specular Chrome	F 50°				TW 2700K-5000K
	W³ 4845lm/m (59W)		F DMX	E Diffuse Gold	E 10°x 28°				CC⁸ RGBW
	U⁴ 2640lm/m (33W)		G⁷ LUTRON	X Custom	G 10°x 36°				
	A⁴ 4845lm/m (66W)								
	C⁵ 4075lm/m (66W)								

Notes:
¹ 150 mm length increments available as a modification.
² Denotes output at 3000K, unless otherwise noted.
³ Denotes output specific to Dim-to-Warm at 3000K.
⁴ Denotes output specific to Tunable White at full on.
⁵ Denotes RGBW (C) output with all colors at full power.
⁶ Not applicable for ELV dimming.
⁷ Hi-lume, Vive, and Athena compatible.
⁸ Only available with DMX dimming.
⁹ Not applicable for integral driver.

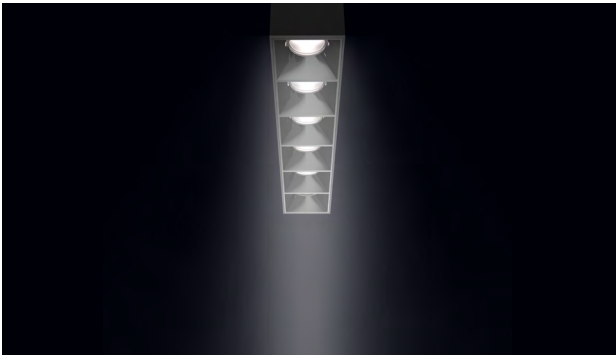
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



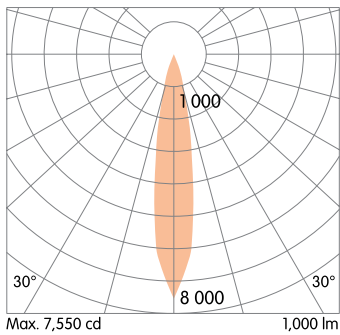
Bold Lighting
 4710 Ecton Dr., Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

OPTICAL FLEXIBILITY

SUPER-NARROW BEAM SYMMETRICAL BAFFLE



10° Beam Angle

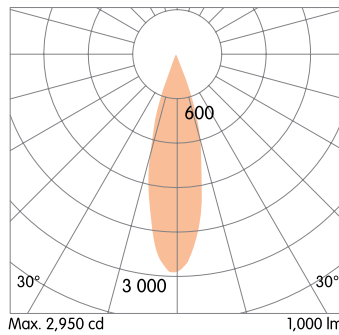


A super-narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW BEAM SYMMETRICAL BAFFLE



20° Beam Angle

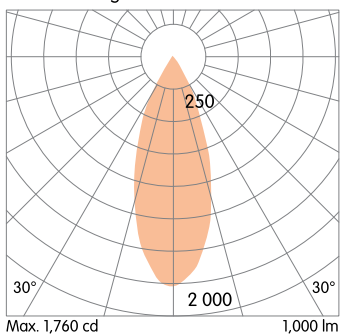


The 20° narrow beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM SYMMETRICAL BAFFLE



50° Beam Angle

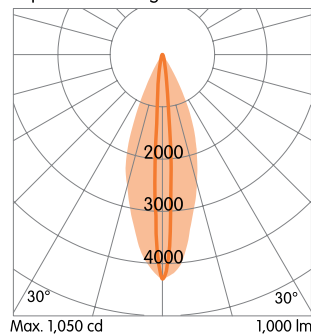


A 50° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

ELLIPTICAL DISTRIBUTION



Elliptical Beam Angle

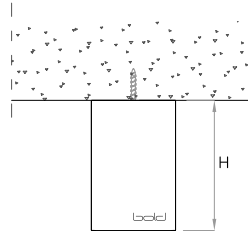


Elliptical distributions can be used anywhere focused illumination is needed. Bille's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.

MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED

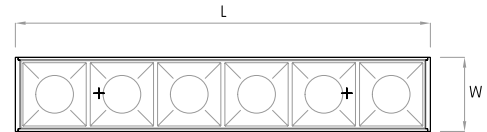



Actual (mm)

L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708
3008 | Continuous runs

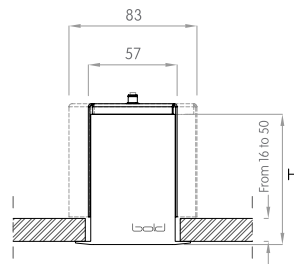
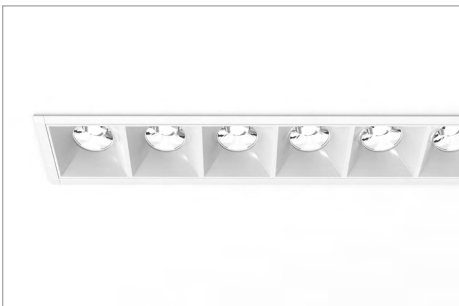
W= 55

H= 85



 (L-13 x W-13)

RECESSED WITH TRIM

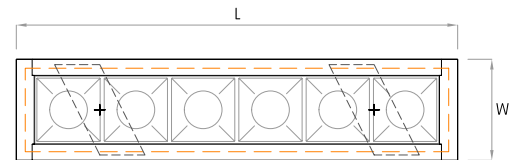



Actual (mm)

L= 328 | 628 | 928 | 1228 | 1528 | 1828 | 2128 | 2428 | 2728
3028 | Continuous runs

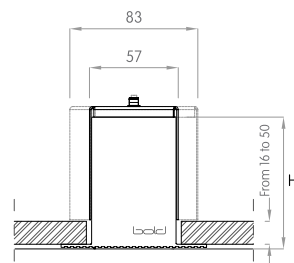
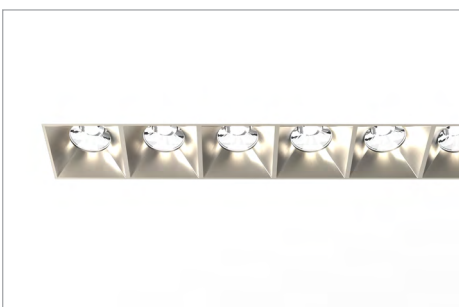
W= 75

H= 85



 (L-33 x W-33)

RECESSED TRIMLESS

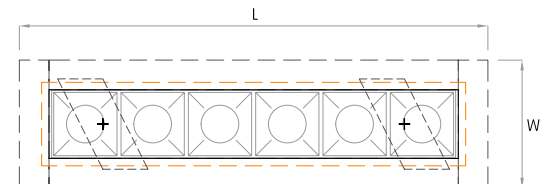


Actual (mm)

L= 348 | 648 | 948 | 1248 | 1548 | 1848 | 2148 | 2448 | 2748
3048 | Continuous runs

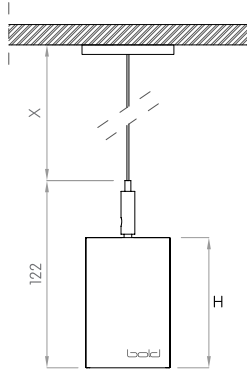
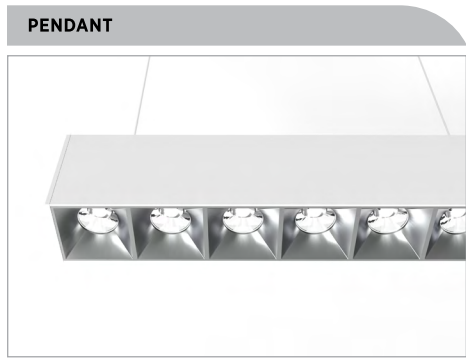
W= 95

H= 85



MOUNTING FLEXIBILITY

Per Millimeter



Actual (mm)

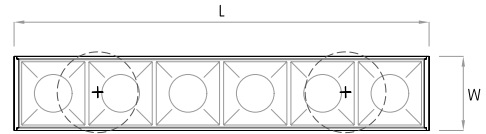
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

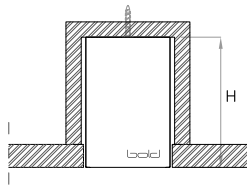
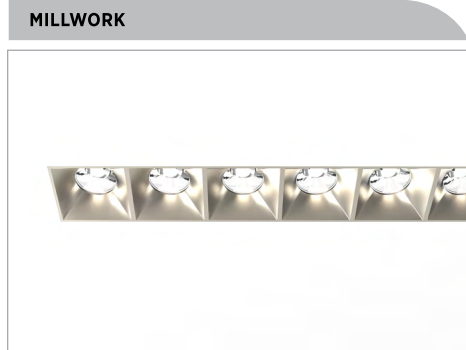
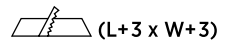
H= 85

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.



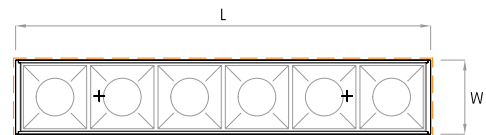
Actual (mm)

L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

H= 85



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 Width Actual Length

Surface Mounted	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Recessed with Trim	85	75	328	628	928	1228	1528	1828	2128	2428	2728	3028
Recessed Trimless	85	95	348	648	948	1248	1548	1848	2148	2448	2748	3048
Pendant	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Millwork	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008

