

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

INSTALLATION

Environment : Dry / Damp Location
Mounting : 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 351lm/ft. to 1833lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K) / Dim-to-Warm (3000K-1800K)
Color Rendering Index : Ra90

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

Series	Mounting	Nominal Length ¹
BJS	S Surface Mounted	12 12"
	P Pendant	24 24"
	M Millwork	36 36"
		48 48"
		60 60"
		XX Custom in
For custom lengths and shapes, consult factory.		
For exact lengths refer to dimensions table.		

Code example: **BJS** - P12W-L11-W-E927-0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 358lm/ft (4W)	1 120V	H No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No
G Grey	M² 687lm/ft (9W)	U⁵ Universal 120V to 277V	I 0-10V to 1%	B Flat Black	M 20°		30 3000K	9 90 mins
W White	H² 1081lm/ft (15W)		J 0-10V to Fade-off	N Black Nickel	F 28°		35 3500K	
X Custom RAL	V² 1561lm/ft (19W)		L ELV Dimming	C Specular Chrome	B 50°		40 4000K	
	D³ 1054lm/ft (12.5W)		K DALI to 1%	G Bright Gold	E 10°x 28°		WD 3000K-1800K	
	W³ 1446lm/ft (22W)		M DMX	E Diffuse Gold	G 10°x 36°		TW 2700K - 5000K	
	U⁴ 1131lm/ft (12W)		N⁶ LUTRON	X Custom				
	A⁴ 1833lm/ft (22W)							

Notes:

- ¹ 6" 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 Not applicable for ELV dimming.
- ⁶ Hi-lume, Vive, and Athena compatible.

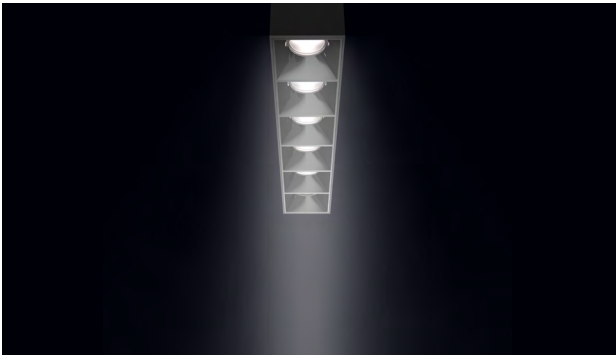
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



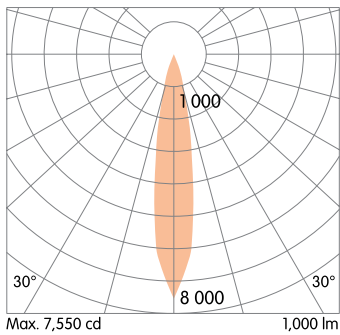
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OPTICAL FLEXIBILITY

NARROW BEAM SYMMETRICAL BAFFLE



10° Beam Angle

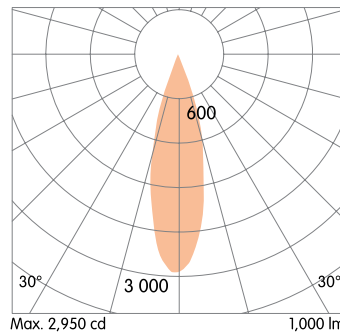


A narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

MEDIUM BEAM SYMMETRICAL BAFFLE



25° Beam Angle

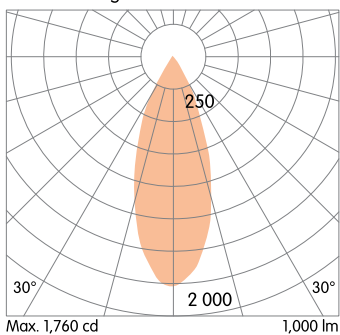


The 25° medium beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM SYMMETRICAL BAFFLE



40° Beam Angle

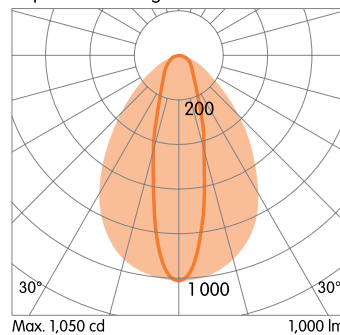


A 40° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

ELLIPTICAL DISTRIBUTION



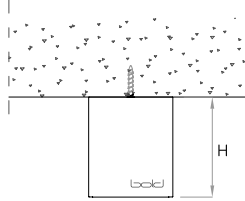
Elliptical Beam Angle



Elliptical distributions can be used anywhere focused illumination is needed. Billet'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

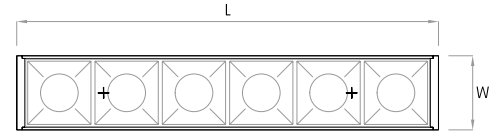


Actual

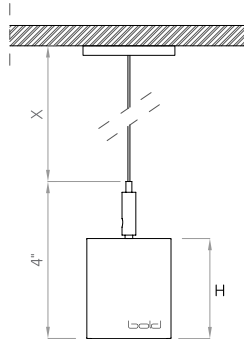
L= 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

W= 2³/₁₆"

H= 2⁵/₈"



PENDANT



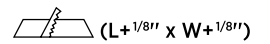
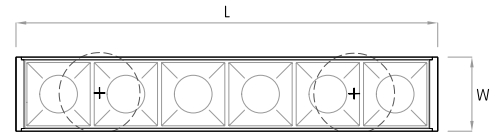
Actual

L= 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

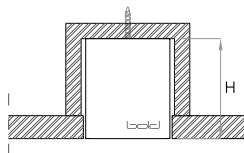
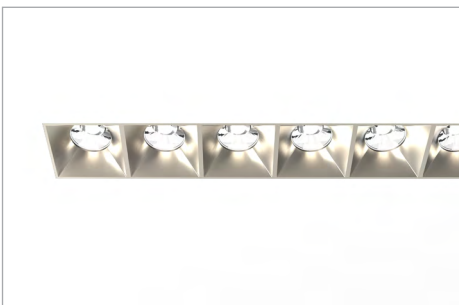
W= 2³/₁₆"

H= 2⁵/₈"

X= 59" or 118"



MILLWORK

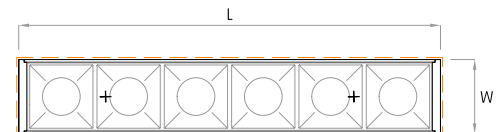


Actual

L= 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

W= 2³/₁₆"

H= 2⁵/₈"



DELIVERED LUMEN OUTPUT

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	4W	351lm	358lm	376lm	394lm
M	9W	666lm	687lm	722lm	745lm
H	15W	1053lm	1081lm	1135lm	1174lm
V	19W	1511lm	1561lm	1639lm	1690lm

DIM-TO-WARM 3000K-1800K		3000K
D	12.5W	1054lm
W	18W	1446lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	12W	1045lm	1131lm
A	22W	1690lm	1833lm

DIMENSIONS TABLE

		12"		24"		36"		48"		60"				
		Height		Width		Actual Length		Actual Length		Actual Length				
Surface Mounted	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
Pendant	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
Millwork	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

