

BILLET

INDOOR SYMMETRIC BAFFLES DEEP - 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 : 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

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 480lm/ft. to 1840lm/ft. (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

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 5W/ft. to 20W/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		
BJD	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: **BJD** - P12W-L11-W-E927-0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 550lm/ft (5W)	1 120V	H No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No
G Grey	M² 950lm/ft (10W)	U⁵ Universal 120V to 277V	I 0-10V to 1%	B Flat Black	N 20°		30 3000K	9⁷ 90 mins
W White	H² 1330lm/ft (15W)		K DALI to 1%	N Black Nickel	M 28°		35 3500K	
X Custom RAL	V² 1720lm/ft (20W)		L ELV Dimming	C Specular Chrome	F 50°		40 4000K	
	D³ 520lm/ft (9W)		M DMX	E Diffuse Gold	E 10°x 28°		WD 3000K- 1800K	
	W³ 1475lm/ft (18W)		N⁶ LUTRON	X Custom	G 10°x 36°		TW 2700K - 5000K	
	U⁴ 805lm/ft (10W)			RGBW is only available for Specular Chrome and Black Nickel reflector finishes.				
	A⁴ 1480lm/ft (20W)							

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.
⁷ Not applicable for integral driver.

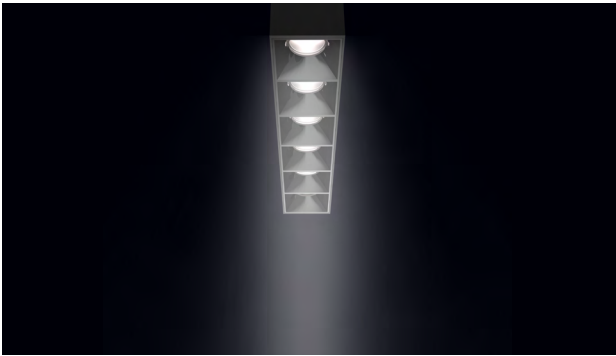
Consult factory for lead-times.
Consult factory for systems using multiple optics and mounting configurations.



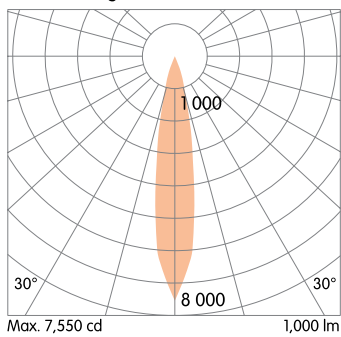
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OPTICAL FLEXIBILITY

TIGHT BEAM SYMMETRICAL BAFFLE



10° Beam Angle

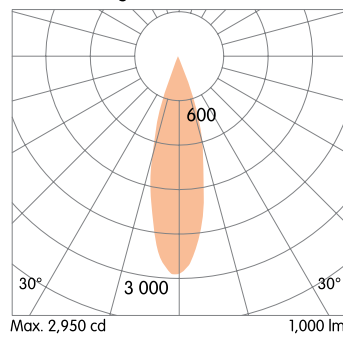


A tight 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW BEAM SYMMETRICAL BAFFLE



20° Beam Angle

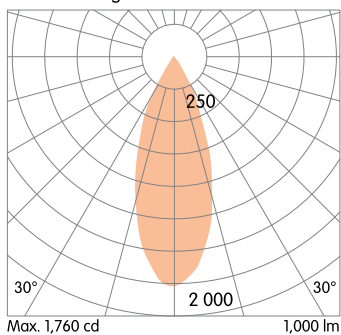


The 20° narrow beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM SYMMETRICAL BAFFLE



50° Beam Angle

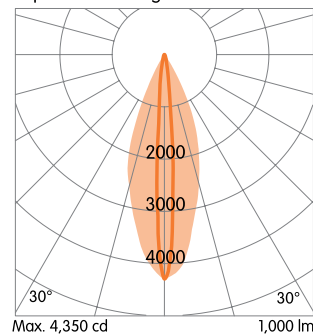


A 50° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

ELLIPTICAL DISTRIBUTION



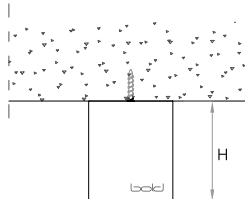
Elliptical Beam Angle



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

SURFACE MOUNTED

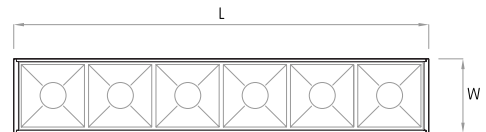


Actual

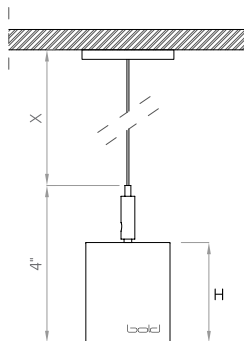
L = 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

W = 2³/₁₆"

H = 2⁵/₈"



PENDANT



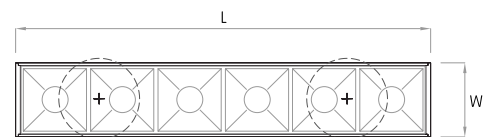
Actual

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

W = 2³/₁₆"

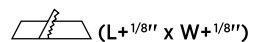
H = 2⁵/₈"

X = 59" or 118"

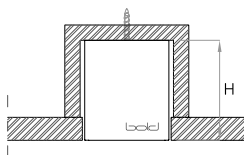
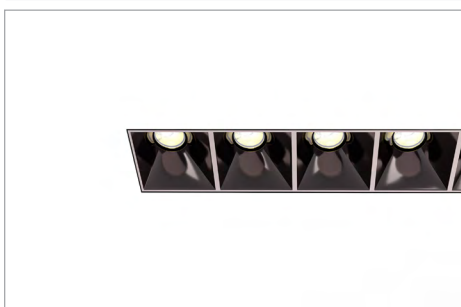


Note:

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



MILLWORK

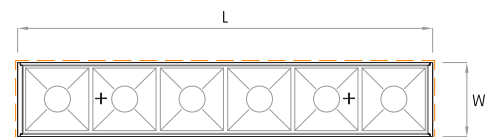


Actual

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

W = 2³/₁₆"

H = 2⁵/₈"



DELIVERED LUMEN OUTPUT

Per Linear Foot

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	480 lm	550 lm	515 lm	525 lm
M	10W	895 lm	950 lm	965 lm	985 lm
H	15W	1305 lm	1330 lm	1405 lm	1435 lm
V	20W	1670 lm	1720 lm	1805 lm	1840 lm

DIM-TO-WARM 3000K-1800K		3000K
D	9W	520 lm
W	18W	1475 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	805 lm	805 lm
A	20W	1480 lm	1480 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
	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
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