

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
Chicagon 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 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

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 ¹
BJD	S Surface Mounted	12 300 mm
	P Pendant	24 600 mm
	M Millwork	36 900 mm
		48 1200 mm
		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.

Code example: **BJD** - P12W - L21 - W - E927 - 0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 1795lm/m (16W)	2 220-240V	H No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No
G Grey	M² 3115lm/m (33W)	U⁵ Universal 120 to 277V	I 0-10V to 1%	B Flat Black	N 20°		30 3000K	9⁷ 90 mins
W White	H² 4370lm/m (49W)		K DALI to 1%	N Black Nickel	M 28°		35 3500K	
X Custom RAL	V² 5640lm/m (66W)		L ELV Dimming	C Specular Chrome	F 50°		40 4000K	
	D³ 1705lm/m (26W)		M DMX	E Diffuse Gold	E 10°x 28°		WD 3000K-1800K	
	W³ 4845lm/m (59W)		N⁶ LUTRON	X Custom	G 10°x 36°		TW 2700K - 5000K	
	U⁴ 2640lm/m (33W)			RGBW is only available for Specular Chrome and Black Nickel reflector finishes.				
	A⁴ 4845lm/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 Not applicable for ELV dimming.
- ⁶ Hi-lume, Vive, and Athena compatible.
- ⁷ Not applicable for integral driver.

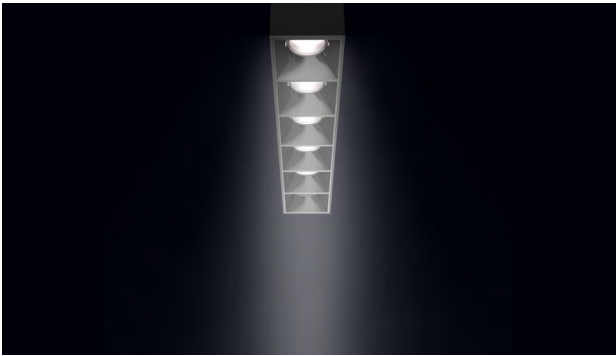
Consult factory for lead-times.
Consult factory for systems using multiple optics and mounting configurations.



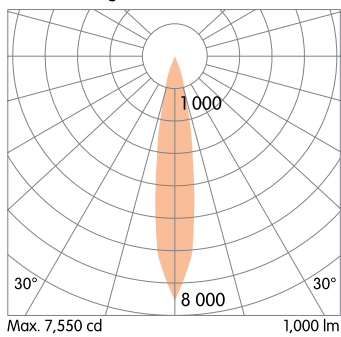
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OPTICAL FLEXIBILITY

TIGHT BEAM SYMMETRICAL BAFFLE



10° Beam Angle

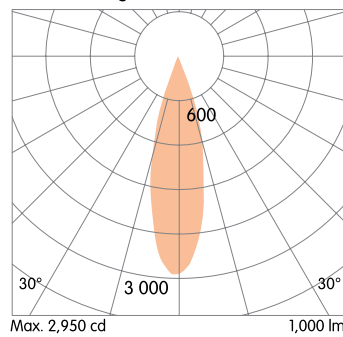


A tight 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW BEAM SYMMETRICAL BAFFLE



20° Beam Angle

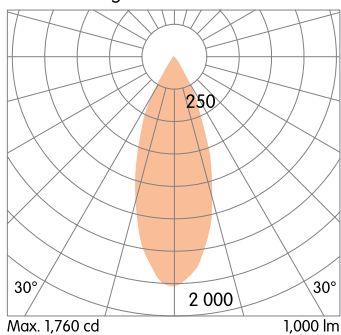


The 20° narrow beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM SYMMETRICAL BAFFLE



50° Beam Angle

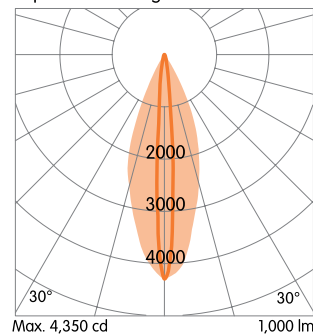


A 50° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

ELLIPTICAL DISTRIBUTION



Elliptical Beam Angle

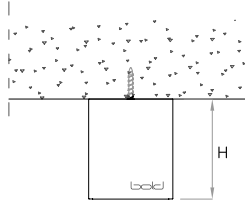


Elliptical distributions can be used anywhere focused illumination is needed. Bille's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.

MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED



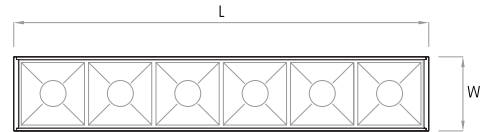
Actual (mm)

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

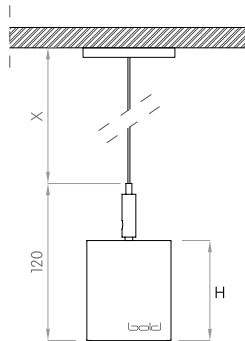
3013 | Continuous runs

W= 55

H= 65



PENDANT



Actual (mm)

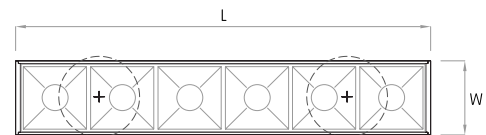
L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713

3013 | Continuous runs

W= 55

H= 65

X= 1500 or 3000

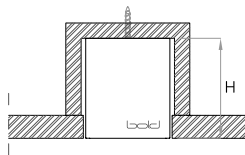
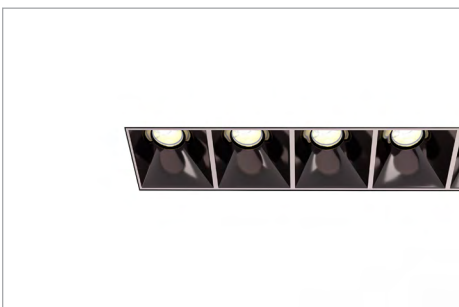


Note:

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

(L+3 x W+3)

MILLWORK



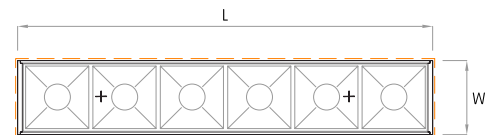
Actual (mm)

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			
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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		

DIMENSIONS TABLE
Per Meter

			12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
	Height	Width	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