BILLET

INDOOR SYMMETRIC BAFFLES

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.

Series		Mounting	Overall Height
BSI	SR	Surface mount (Remote Driver)	2 5/8 in.
	SI	Surface mount (Integral Driver)	3 3/8 in.
	RI	Recessed with trim (ICA) (Integral Driver)	3 3/8 in.
	RT	Recessed trimless (ICA) (Integral Driver)	3 3/8 in.
	PR	Pendant mount (Remote Driver)	2 9/16 in.
	PI	Pendant mount (Integral Driver)	3 3/8 in.
	MI	Millwork recessed (ICA) (Integral Driver)	3 3/8 in.
	MR	Millwork recessed (ICA) (Remote Driver)	2 5/8 in.

*For Ingrade mounting refer to Billet outdoor specification.

CONSTRUCTION

Product Type : Linear
Body Material : Extruded Aluminum
Body Finish : Black / Grey / White / Custom RAL
IP Rating : IP44

INSTALLATION

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

LIGHT SOURCE

Direct Light Source : Hi-power LEDs / Mid-Power LEDs
Luminous Output : from 500lm/ft. to 2,500lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)[3] / Dim to Warm (3000K-1800K)[3] / RGBW
Color Rendering Index : Ra80 / Ra90

OPTICS

Optical Distribution : 10° / 25° / 40° / Batwing (60°) & Elliptical (15°x30°)
Glare Control : UGR<19

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 24W/ft.
Output Type : Constant Current
Driver Type : Integral / Remote
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume

Code example: **BSI**-PR-L-8-27-N-WF-W-00-12

Output [4]		CRI		Color Temp		Beam		Baffle Finish		Body Finish		Dimming		Nominal Length	
A	534lm/ft (4W)	8	+80	27	2700K	N	10°	WF	Flat White	W	White	00	No Dimming	12	12" (30cm)
L	876lm/ft (9W)	9	+90	30	3000K	M	25°	SB	Specular Black	B	Black	11	0-10V to 1%	24	24" (60cm)
S	1392lm/ft (15W)			35	3500K	F	40°	BN	Black Nickel	G	Grey	10	0-10V to Fade-off	36	36" (90cm)
H	2036lm/ft (22W)			40	4000K	B	60°	SC	Specular Chrome	C	Custom RAL	EL	ELV Dimming	48	48" (120cm)
W[1]	1815lm/ft (18W)			WD[3]	3000K- 1800K	E	15° x 30°	DC	Diffuse Chrome			D1	DALI to 1%	60	60" (150cm)
T[2]	1419lm/ft (22W)			TW[3]	2700K - 5000K			BG	Bright Gold			D2	DMX	C00	Continuous Run* *Measured in feet
				CC	RGBW			DG	Diffuse Gold			LT	LUTRON LDE1	For exact lengths refer to dimensions table.	
								C	Custom			Hi-lume 1% EcoSystem Soft-on, Fade-to-Black dimming			

Notes:
[1] Denotes output specific to Dim-to-Warm at 3000K.
[2] Denotes output specific to Tunable White at full on.
[3] Custom CCT ranges available upon request.
[4] Denotes output at 3000K, unless otherwise noted.

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

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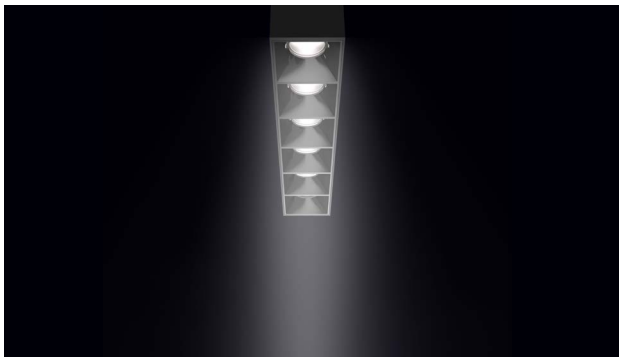
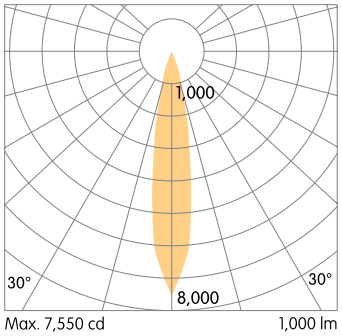
OPTICAL FLEXIBILITY

NARROW BEAM SYMMETRICAL BAFFLE

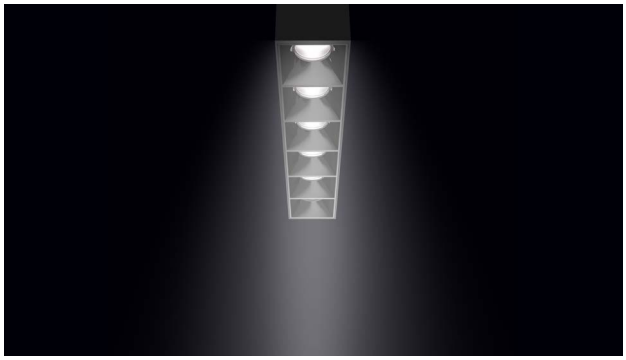


10° Beam Angle

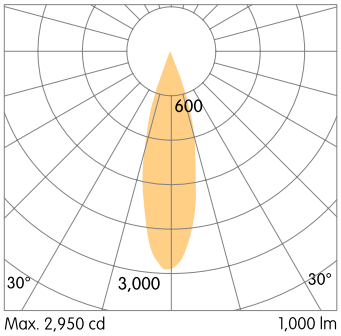


A narrow 10° beam is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

MEDIUM BEAM SYMMETRICAL BAFFLE

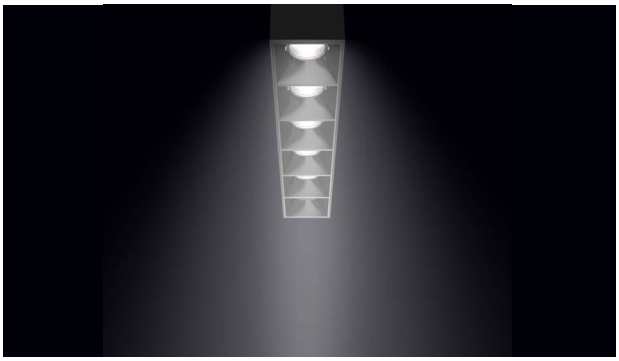


25° Beam Angle

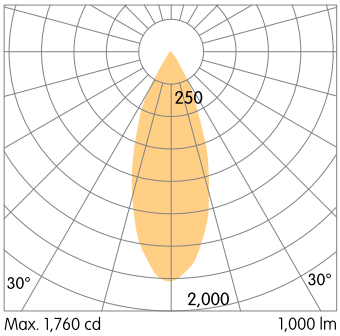


The 25° medium beam is a versatile distribution that works in a wide range of applications and spaces. This optic is a nice balance between light punch and ambient uniformity.

FLOOD BEAM SYMMETRICAL BAFFLE

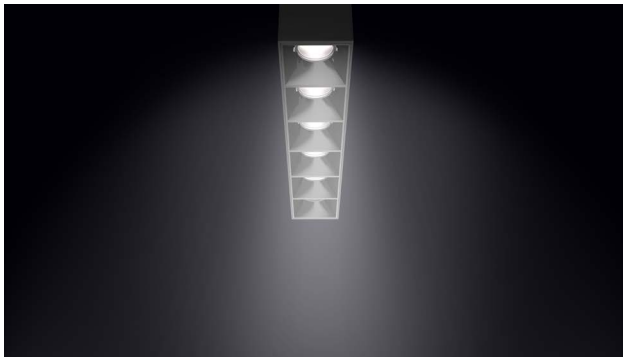


40° Beam Angle

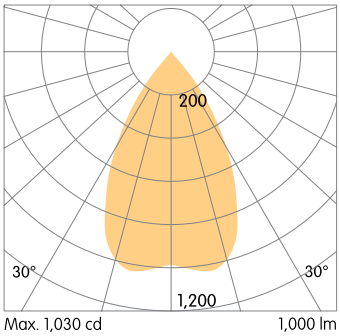


A 40° flood beam is the optimal option for achieving efficient ambient lighting with excellent uniformity and very low glare.

BATWING SYMMETRICAL BAFFLE



60° Beam Angle



A 60° batwing beam distribution is ideal for open spaces with low ceilings. This light distribution offers high uniformity on horizontal surfaces and allows for wide on-center spacing layouts.

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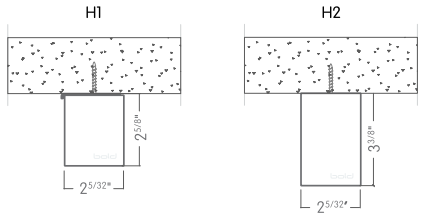
MOUNTING FLEXIBILITY

SURFACE MOUNTED



Remote Driver

Integral Driver

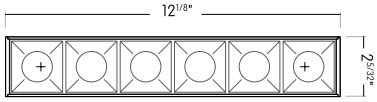
Actual

L= 12 1/8" | 23 15/16" | 35 3/4" | 47 9/16" | 59 3/8" | Continuous runs

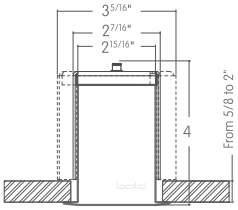
W= 2 5/32"

H1= 2 5/8" with remote driver

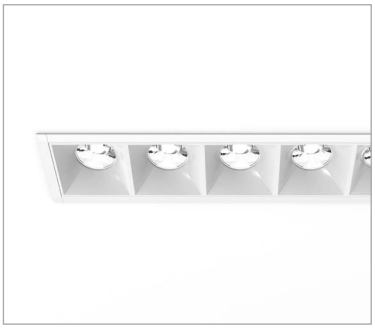
H2= 3 3/8" with integral driver



RECESSED WITH TRIM



Integral Driver

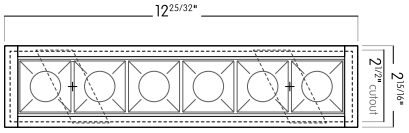


Actual

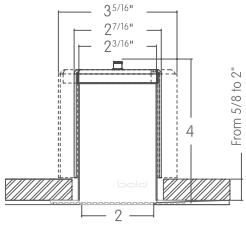
L= 12 25/32" | 24 5/8" | 36 7/16" | 48 1/4" | 60 1/16" | Continuous runs

W= 2 15/16"

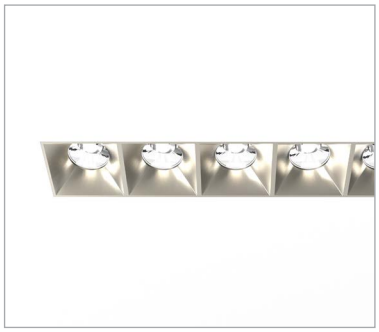
H= 3 3/8" with integral driver



RECESSED TRIMLESS



Integral Driver

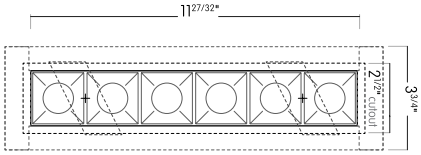


Actual

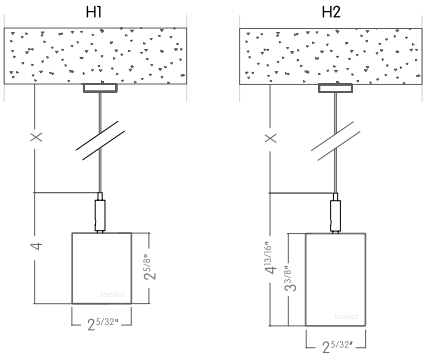
L= 11 27/32" | 23 21/32" | 35 15/32" | 47 9/32" | 59 1/8" | Continuous runs

W= 2"

H= 3 3/8" with integral driver



PENDANT



Remote Driver

Integral Driver

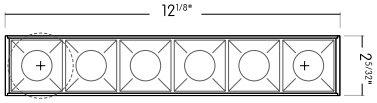
Actual

L= 12 1/8" | 23 15/16" | 35 3/4" | 47 9/16" | 59 3/8" | Continuous runs

W= 2 5/32"

H1= 2 5/8" with remote driver

H2= 3 3/8" with integral driver



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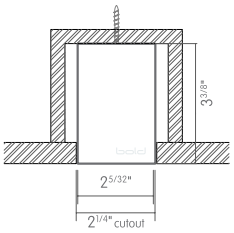
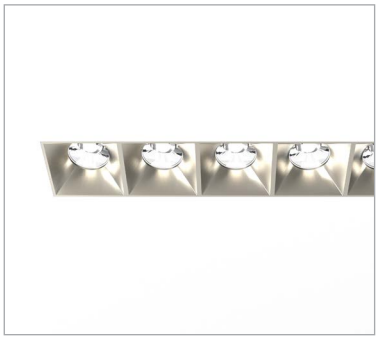
MOUNTING FLEXIBILITY

MILLWORK



Integral Driver



Actual

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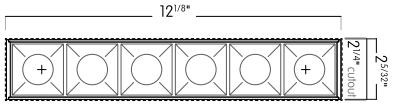
W= 2 5/32"

H= 3 3/8" with integral driver



DELIVERED LUMEN OUTPUT

Output	Consumption	CRI 80			CRI 90		
		2700K	3000K	4000K	2700K	3000K	4000K
A	4W	659lm	687lm	725lm	552lm	570lm	608lm
L	9W	1076lm	1137lm	1184lm	907lm	936lm	996lm
S	15W	1708lm	1806lm	1876lm	1441lm	1488lm	1581lm
H	22 W	2541lm	2644lm	2793lm	2096lm	2176lm	2302lm

Output	Consumption	CRI 80		CRI 90	
		1800K	3000K	1800K	3000K
W	18W	2328lm		2059lm	
		2700K	5000K	2700K	5000K
T	22 W	1703lm	1965lm	1497lm	1703lm

DIMENSIONS TABLE

	Height		Width		12"		24"		36"		48"		60"	
					Actual Length		Actual Length		Actual Length		Actual Length		Actual Length	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Surface Mounted	85	I 3 11/32 R 2 5/8	55	2 5/32	308.00	12 1/8	608.10	23 15/16	908.20	35 3/4	1208.30	47 9/16	1508.40	59 3/8
Recessed with Trim	85	3 11/32	75	2 15/16	325.00	12 25/32	625.10	24 5/8	925.20	36 7/16	1225.30	48 1/4	1525.40	60 1/16
Recessed Trimless	85	3 11/32	51	2	300.74	11 27/32	601.10	23 21/32	901.20	35 15/32	1201.30	47 9/32	1501.40	59 1/8
Pendant	85	I 3 11/32 R 2 5/8	55	2 5/32	308.00	12 1/8	608.10	23 15/16	908.20	35 3/4	1208.30	47 9/16	1508.40	59 3/8
Millwork	85	3 11/32	55	2 5/32	308.00	12 1/8	608.10	23 15/16	908.20	35 3/4	1208.30	47 9/16	1508.40	59 3/8

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