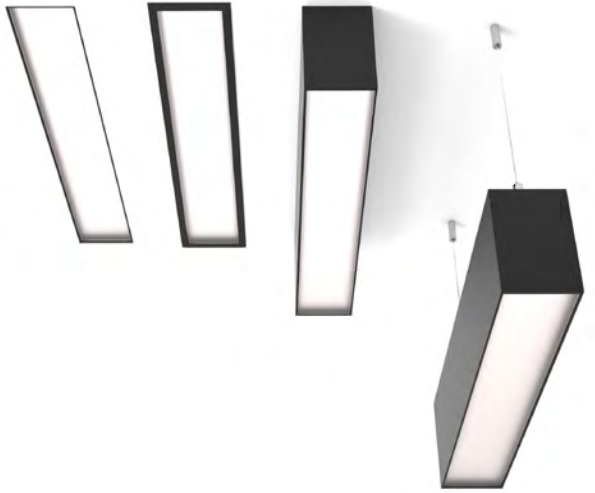


BILLET

INDOOR LINEAR LENSES - 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 linear lenses deliver bold vertical and horizontal illumination perfect for ambient lighting and washing. Like all Bold products, 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 : IP44

INSTALLATION

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

OPTICS

Optical Distribution : Elliptical (20°x40°) / Asymmetric / Lambertian

LIGHT SOURCE

Direct Light Source : Mid-Power LEDs
Luminous Output : from 280lm/ft. to 1216lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)³ / Dim-to-Warm (3000K-1800K)³
Color Rendering Index : Ra80 / Ra90
Lifetime : L80 B10 @ 70,000 Hrs

ELECTRICAL

Input Voltage : UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 19W/ft.
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume

Series	Mounting	Nominal Length
BIO	R Recessed with Trim	12 12"
	T Recessed Trimless	24 24"
	S Surface Mounted	36 36"
	P Pendant	48 48"
	M Millwork	60 60"
	W Wall Mounted	XX Custom in

For exact lengths refer to dimensions table.

Code example: **BIO** - P12W-L1B-O-E927-0

Body Finish	Output ¹	Voltage	Dimming	Diffuser	Beam Angle	CRI	Color Temp	Emergency
W White	L 293lm/ft (4W)	1 120V	A No Dimming	O Opal	L Opal	9 +90	27 2700K	0 no
B Black	M 572lm/ft (9W)	U² Universal 120V to 277V	B 0-10V to 1%		A Asymmetric		30 3000K	9 90 mins
G Grey	H 910lm/ft (15W)		C 0-10V to Fade-off		E Elliptical		35 3500K	
X Custom RAL	V 1138lm/ft (19W)		D DALI to 1%				40 4000K	
	D 713lm/ft (12.5W)		E ELV Dimming				WD⁴ 3000K-1800K	
	W 982lm/ft (22W)		F DMX				TW⁵ 2700K - 5000K	
	U 300lm/ft (12W)		G³ LUTRON					
	A 494lm/ft (22W)							

Notes:

- ¹ Denotes output at 3000K, unless otherwise noted.
- ² Not applicable for ELV dimming.
- ³ Hi-Lume 1% EcoSystem Soft-on, Fade-to-Black dimming.
- ⁴ Denotes output specific to Dim-to-Warm at 3000K.
- ⁵ Denotes output specific to Tunable White at full on.

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



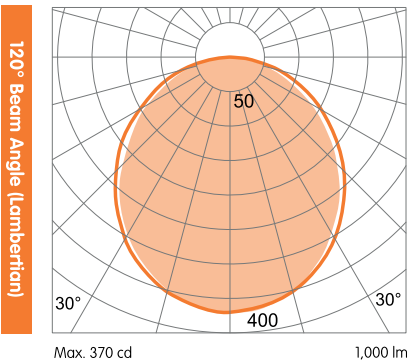
Bold Lighting
 4710 Ecton Dr., Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us
 t: +1-678-903-4061

OPTICAL FLEXIBILITY

LAMBERTIAN DISTRIBUTION



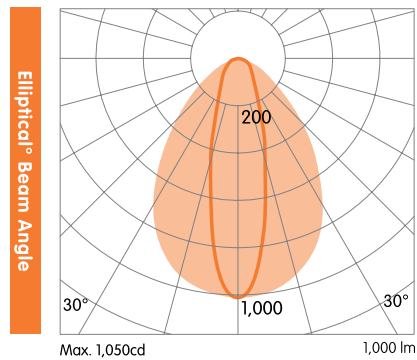
Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces. Billet's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.



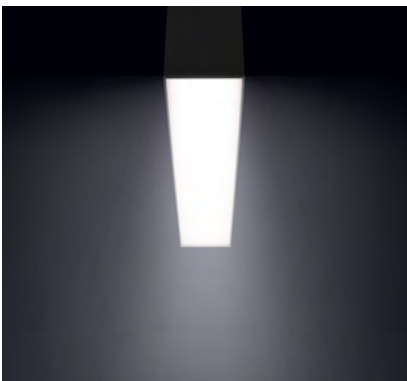
ELLIPTICAL DISTRIBUTION



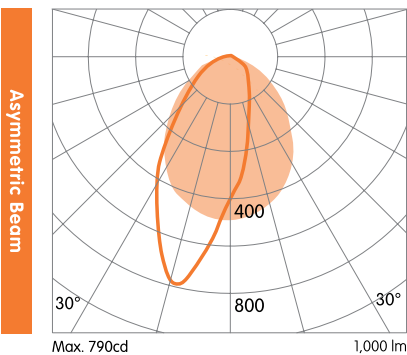
Elliptical distributions can be used anywhere focused illumination is needed. Billet's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.



ASYMMETRIC DISTRIBUTION

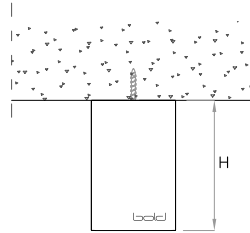
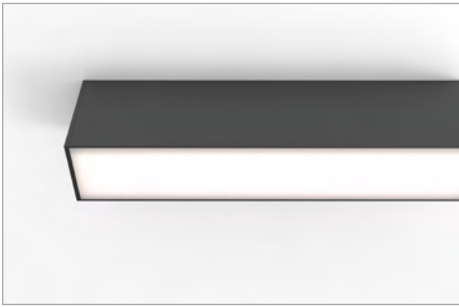


Asymmetric distributions are optimal for evenly wallwashing vertical surfaces, as well as providing asymmetric illumination on horizontal surfaces. Billet's asymmetric lens provides a high uniformity and performance for all applications.



MOUNTING FLEXIBILITY

SURFACE MOUNTED

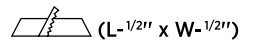


Actual

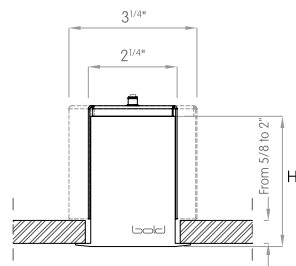
L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



RECESSED WITH TRIM

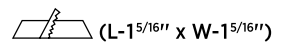
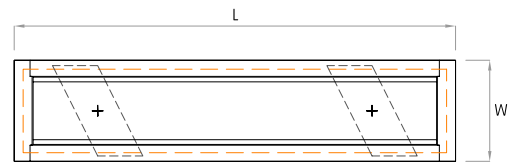


Actual

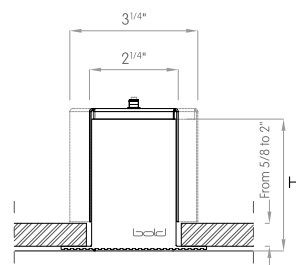
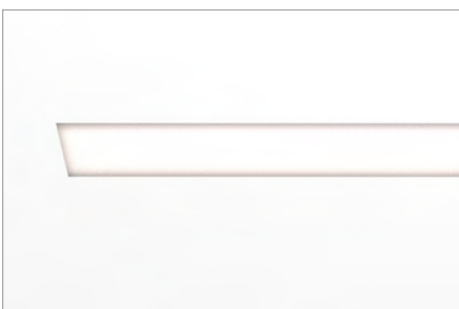
L= 12¹⁵/₁₆" | 24³/₄" | 36¹/₂" | 48³/₈" | 60³/₁₆" | Continuous runs

W= 3"

H= 3³/₈"



RECESSED TRIMLESS

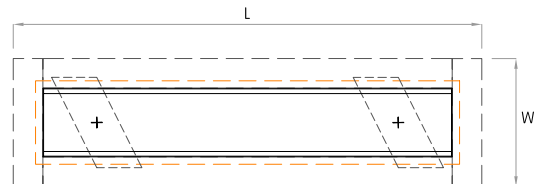


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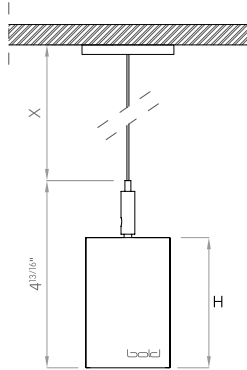
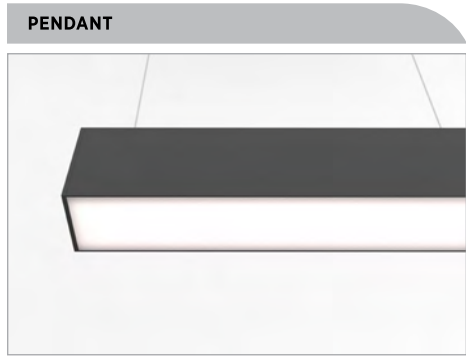
L= 13¹¹/₁₆" | 25¹/₂" | 37⁵/₁₆" | 49¹/₈" | 60¹⁵/₁₆" | Continuous runs

W= 3³/₄"

H= 3³/₈"



MOUNTING FLEXIBILITY



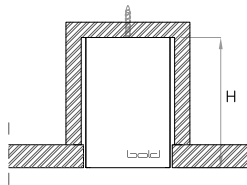
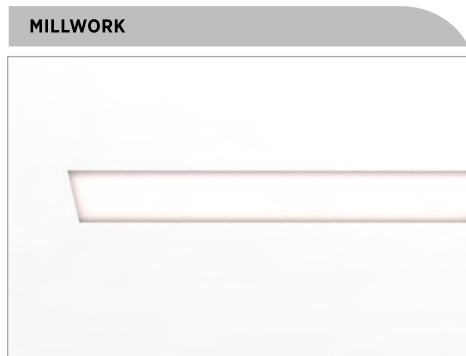
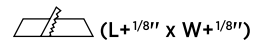
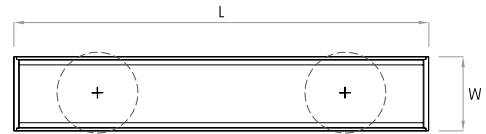
Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"

X= 59" or 118"

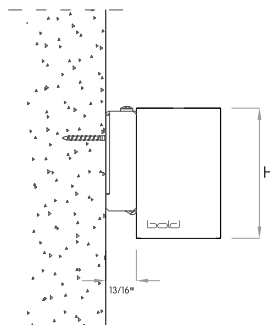
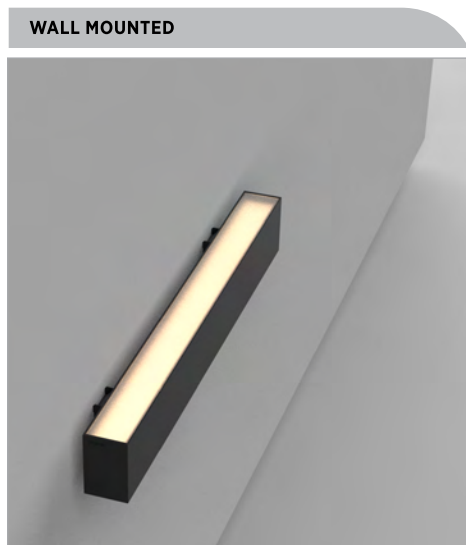
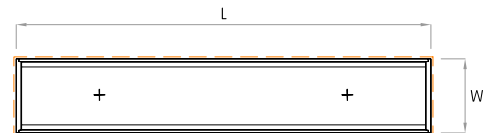


Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"

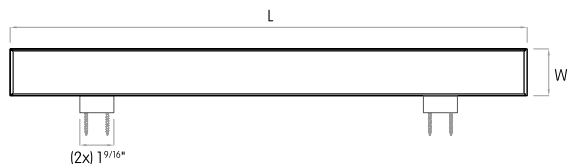


Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



DELIVERED LUMEN OUTPUT

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	4000K
L	4W	280lm	293lm	312lm
M	9W	546lm	572lm	611lm
H	15W	871lm	910lm	975lm
V	19W	1092lm	1138lm	1216lm

DIM-TO-WARM 3000K-1800K		3000K
D	12.5W	713lm
W	18W	982lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	12W	267lm	299lm
A	22W	449lm	494lm

DIMENSIONS TABLE

		12"		24"		36"		48"		60"				
		Actual Length		Actual Length		Actual Length		Actual Length		Actual Length				
Height		Width		Actual Length		Actual Length		Actual Length		Actual Length				
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
Surface Mounted	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8
Recessed with Trim	85	3 3/8	75	3	328	12 15/16	628	24 3/4	928	36 1/2	1228	48 3/8	1528	60 3/16
Recessed Trimless	85	3 3/8	95	3 3/4	348	13 11/16	648	25 1/2	948	37 5/16	1248	49 1/8	1548	60 15/16
Pendant	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8
Millwork	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8
Wall Mounted	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8

