

BILLET

LINEAR LENSES

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

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

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz

Load : 4W/ft. to 19W/ft.

Output Type : Constant Current

Driver Type : Integral / Remote

Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume

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)

Series	Mounting	Overall Height
BLI	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.

Code example: **BLI** - PI - L - 8 - 27 - A - SA - W - 11 - 24

Output ⁴	CRI	Color Temp	Beam	Lens Finish	Body Finish	Dimming	Nominal Length
A 460lm/ft (4W)	8 +80	27 2700K	E 20° x 40°	SA Satin	W White	00 No Dimming	12 12" (30cm)
L 1020lm/ft (9W)	9 +90	30 3000K	A Asymmetric		B Black	11 0-10V to 1%	24 24" (60cm)
S 1655lm/ft (15W)		35 3500K	L Lambertian		G Grey	10 0-10V to Fade-off	36 36" (90cm)
H 2032lm/ft (19W)		40 4000K			C Custom RAL	EL ELV Dimming	48 48" (120cm)
W ¹ 2032lm/ft (18W)		WD ³ 3000K - 1800K				D1 DALI to 1%	60 60" (150cm)
T ² 2315lm/ft (19W)		TW ³ 2700K - 5000K				D2 DMX	C00 Continuous Run*
		CC RGBW				LT LUTRON LDE1	*Measured in feet
						Hi-Lume 1% EcoSystem Soft-on, Fade-to-Black dimming	For exact lengths refer to dimensions table.

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.



Bold Lighting

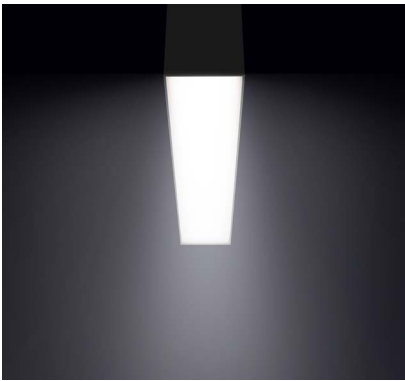
4710 Ecton Dr. Unit F & G, Marietta, GA 30066, USA

info@boldlighting.us www.boldlighting.us

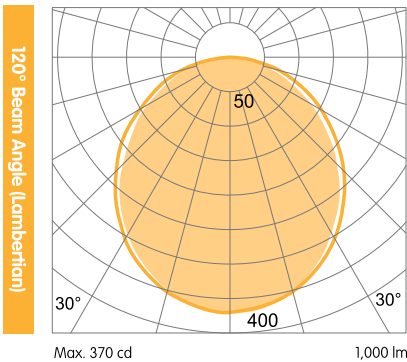
t: +1 833-BOLD-1-US +1 833-265-3187

OPTICAL FLEXIBILITY

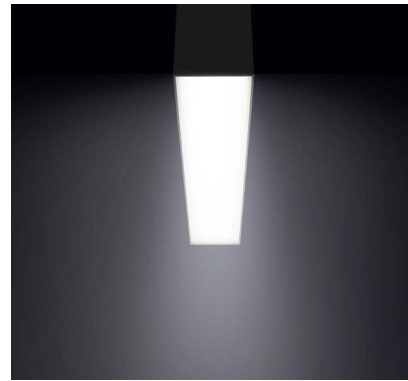
LAMBERTIAN DISTRIBUTION



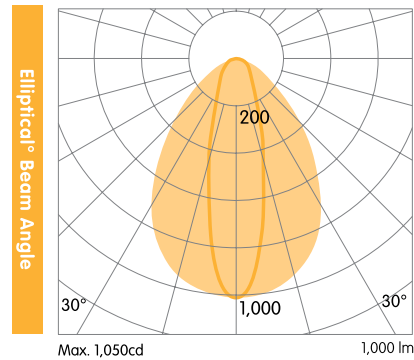
Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces. Billet's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.



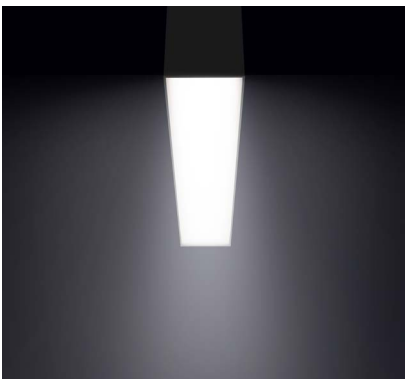
ELLIPTICAL DISTRIBUTION



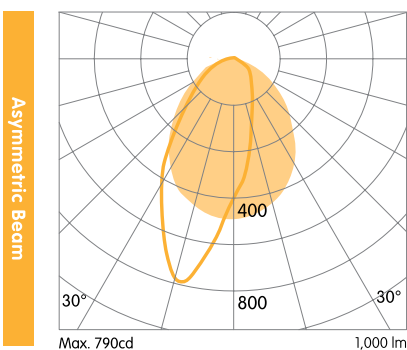
Elliptical distributions can be used anywhere focused illumination is needed. Billet's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.



ASYMMETRIC DISTRIBUTION

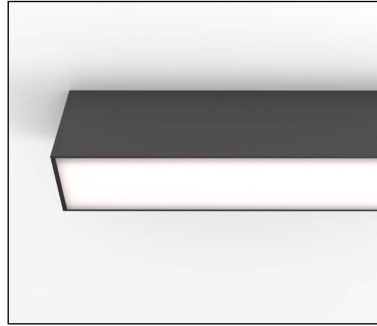
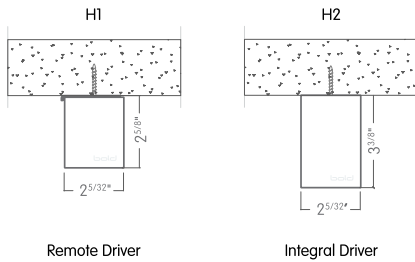


Asymmetric distributions are optimal for evenly wallwashing vertical surfaces, as well as providing asymmetric illumination on horizontal surfaces. Billet's asymmetric lens provides a high uniformity and performance for all applications.



MOUNTING FLEXIBILITY

SURFACE MOUNTED



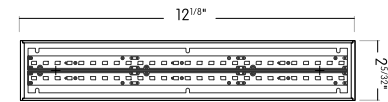
Actual

L= 12^{1/8}" | 23^{11/16}" | 35^{9/32}" | 46^{27/32}" | 58^{7/16}" | Continuous runs

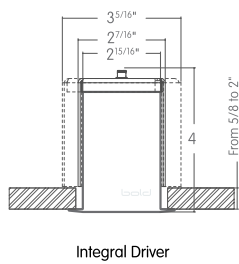
W= 2^{5/32}"

H1= 2^{5/8}" with remote driver

H2= 3^{3/8}" with integral driver



RECESSED WITH TRIM

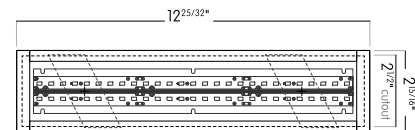


Actual

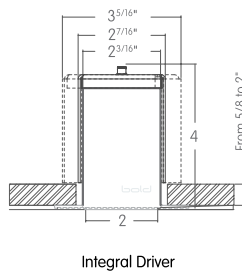
L= 12^{25/32}" | 24^{3/8}" | 35^{15/16}" | 47^{17/32}" | 59^{3/32}" | Continuous runs

W= 2^{15/16}"

H= 3^{3/8}" with integral driver



RECESSED TRIMLESS

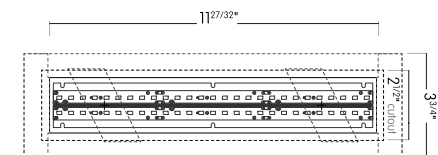


Actual

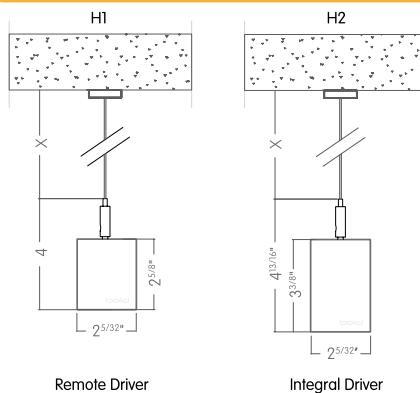
L= 11^{27/32}" | 23^{7/16}" | 35" | 46^{19/32}" | 58^{5/32}" | Continuous runs

W= 2"

H= 3^{3/8}" with integral driver



PENDANT



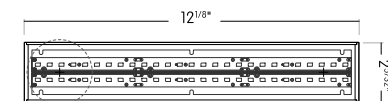
Actual

L= 12^{1/8}" | 23^{11/16}" | 35^{9/32}" | 46^{27/32}" | 58^{7/16}" | Continuous runs

W= 2^{5/32}"

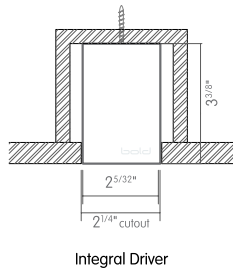
H1= 2^{5/8}" with remote driver

H2= 3^{3/8}" with integral driver



MOUNTING FLEXIBILITY

MILLWORK

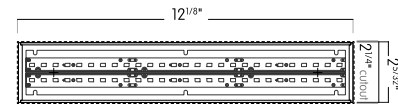


Actual

L= 12^{1/8"} | 23^{11/16"} | 35^{9/32"} | 46^{27/32"} | 58^{7/16"} | Continuous runs

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	455lm	460lm	491lm	377lm	384lm	409lm
L	9W	910lm	1020lm	1105lm	757lm	846lm	917lm
S	15W	1482lm	1655lm	1794lm	1235lm	1379lm	1495lm
H	19 W	1820lm	2032lm	2202lm	1514lm	1693lm	1835lm

Output	Consumption	CRI 80		CRI 90	
		1800K	3000K	1800K	3000K
W	18W	2032lm		1693lm	
		2700K	5000K	2700K	5000K
T	19 W	1820lm	2315lm	1514lm	1920lm

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	602.00	23 11/16	896.10	35 9/32	1190.10	46 27/32	1484.20	58 7/16
Recessed with Trim	85	3 11/32	75	2 15/16	325.00	12 25/32	619.00	24 3/8	913.10	35 15/16	1207.10	47 17/32	1501.20	59 3/32
Recessed Trimless	85	3 11/32	51	2	301.00	11 27/32	595.00	23 7/16	889.10	35	1183.10	46 19/32	1477.20	58 5/32
Pendant	85	I 3 11/32 R 2 5/8	55	2 5/32	308.00	12 1/8	602.00	23 11/16	896.10	35 9/32	1190.10	46 27/32	1484.20	58 7/16
Millwork	85	3 11/32	55	2 5/32	308.00	12 1/8	602.00	23 11/16	896.10	35 9/32	1190.10	46 27/32	1484.20	58 7/16

