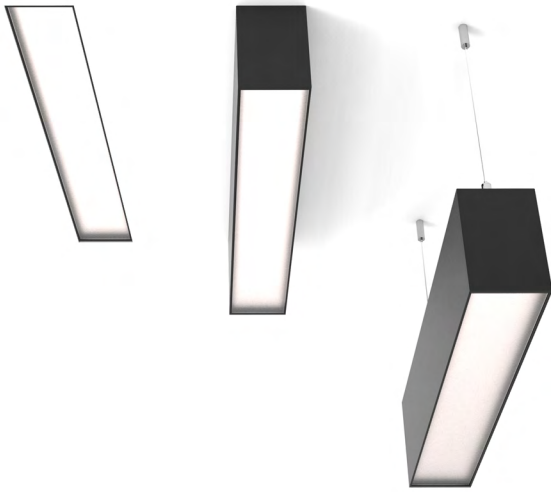


BILLET

INDOOR LINEAR LENSES - 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 Opal delivers bold vertical and horizontal illumination perfect for ambient lighting and washing. 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
Chicago plenum rated

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) / Dim-to-Warm (3000K-1800K)
Color Rendering Index : Ra90

INSTALLATION

Environment : Dry / Damp Location
Mounting : Millwork / Surface Mounted / Pendant
Dimensions : Refer to dimension table

OPTICS

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

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 22W/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
BJO	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: **BJO**-P12W-L11-O-E927-0

Body Finish	Output	Voltage	Dimming	Diffuser	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 293lm/ft (4W)	1 120V U⁵ Universal 120V to 277V	H No Dimming	O Opal	L Opal	9 +90	27 2700K	0 No 9 90 mins
G Grey	M² 572lm/ft (9W)		I 0-10V to 1%		A Asymmetric		30 3000K	
W White	H² 910lm/ft (15W)		J 0-10V to Fade-off		E Elliptical		35 3500K	
X Custom RAL	V² 1138lm/ft (19W)		L ELV Dimming				40 4000K	
	D³ 713lm/ft (12.5W)		K DALI to 1%				WD 3000K- 1800K	
	W³ 982lm/ft (22W)	M DMX		TW 2700K - 5000K				
	U⁴ 299lm/ft (12W)	N⁶ LUTRON						
	A⁴ 494lm/ft (22W)							

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.

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



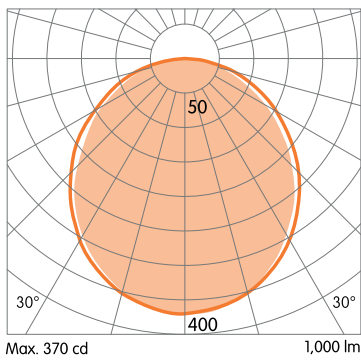
Bold Lighting
 4710 Ecton Dr., Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

OPTICAL FLEXIBILITY

LAMBERTIAN DISTRIBUTION

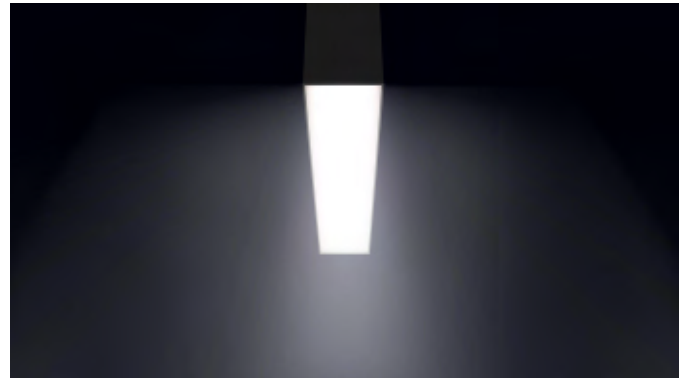


120° Beam Angle (Lambertian)

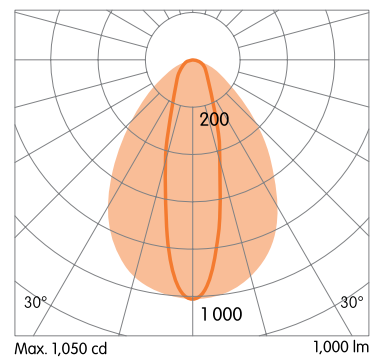


Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces. Bille's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.

ELLIPTICAL DISTRIBUTION

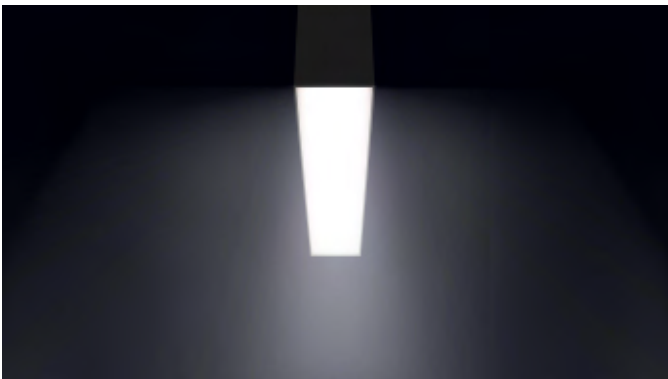


Elliptical Beam Angle

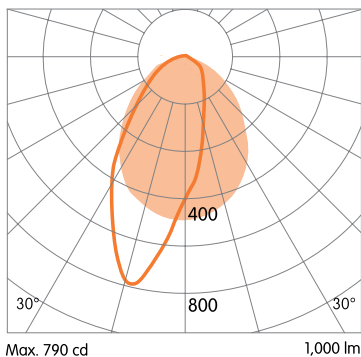


Elliptical distributions can be used anywhere focused illumination is needed. Bille's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.

ASYMMETRIC DISTRIBUTION



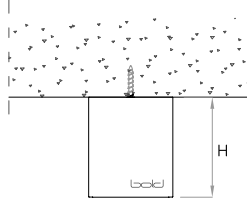
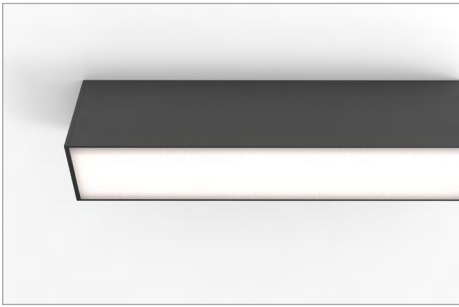
Asymmetric Beam



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

MOUNTING FLEXIBILITY

SURFACE MOUNTED

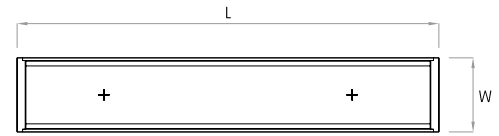


Actual

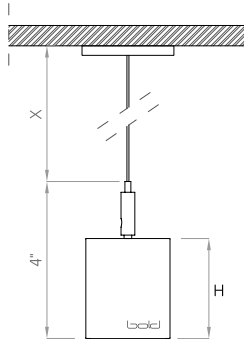
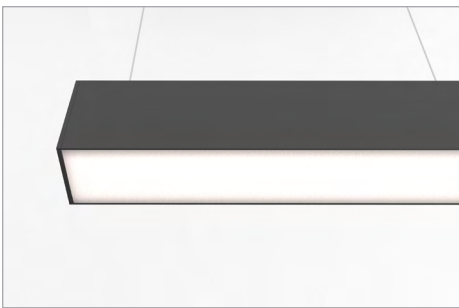
L= 12^{3/16"} | 24^{1/8"} | 35^{15/16"} | 47^{3/4"} | 59^{9/16"} | Continuous runs

W= 2^{3/16"}

H= 2^{5/8"}



PENDANT



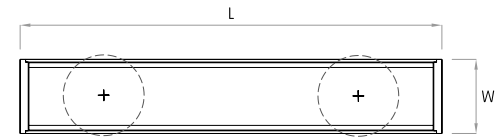
Actual


L= 12^{3/16"} | 24^{1/8"} | 35^{15/16"} | 47^{3/4"} | 59^{9/16"} | Continuous runs

W= 2^{3/16"}

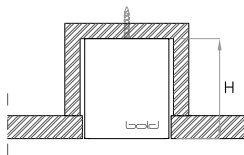
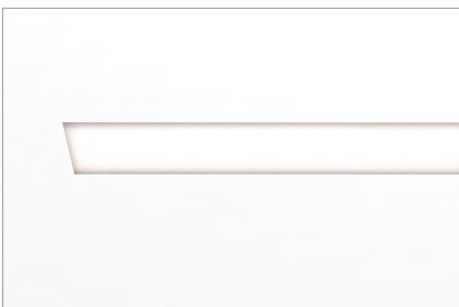
H= 2^{5/8"}

X= 59" or 118"



 (L+^{1/8"} x W+^{1/8"})

MILLWORK

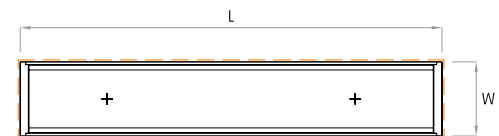


Actual

L= 12^{3/16"} | 24^{1/8"} | 35^{15/16"} | 47^{3/4"} | 59^{9/16"} | Continuous runs

W= 2^{3/16"}

H= 2^{5/8"}



DELIVERED LUMEN OUTPUT

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	4W	280lm	293lm	307lm	312lm
M	9W	546lm	572lm	601lm	611lm
H	15W	871lm	910lm	956lm	975lm
V	19W	1092lm	1138lm	1194lm	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"				
Height		Width		Actual Length		Actual Length		Actual Length		Actual Length				
Surface Mounted	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
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

