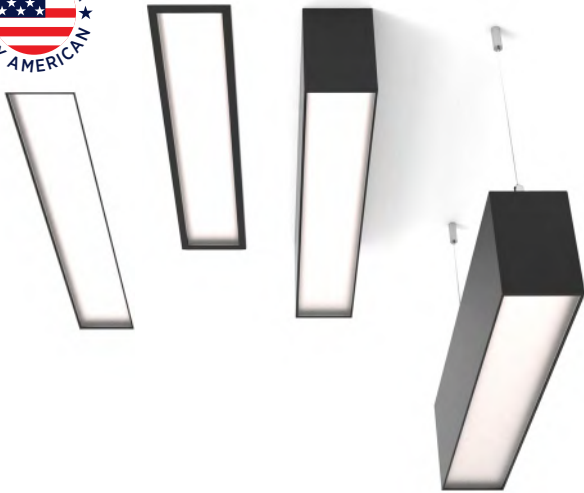


BILLET

INDOOR OPAL - 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 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

INSTALLATION

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

OPTICS

Optical Distribution : Lambertian

LIGHT SOURCE

Direct Light Source : Mid-Power LEDs
Luminous Output : from 340lm/ft. to 1450lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 5W/ft. to 20W/ft.
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

Series	Mounting	Nominal Length ¹
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

Code example: **BIO**-P12W-L1B-O-L927-0

Body Finish	Output	Voltage	Dimming	Diffuser	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 360lm/ft (5W)	1 120V	A No Dimming	O Opal	L Opal	9 +90	27 2700K	0 No
G Grey	M² 720lm/ft (10W)	U⁴ Universal 120 to 277V	B 0-10V to 1%				30 3000K	9⁶ 90 mins
W White	H² 1080lm/ft (15W)		D DALI to 1%				35 3500K	
X Custom RAL	V² 1380lm/ft (20W)		E ELV Dimming				40 4000K	
	U³ 755lm/ft (10W)		F DMX				TW 2700K - 5000K	
	A³ 1450lm/ft (20W)	G⁵ LUTRON						

Notes:
¹ 6" length increments available as a modification.
² Denotes output at 3000K, unless otherwise noted.
³ Denotes output specific to Tunable White at full on.
⁴ Not applicable for ELV dimming.
⁵ Hi-lume, Vive, and Athena compatible.
⁶ Not applicable for integral driver.

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

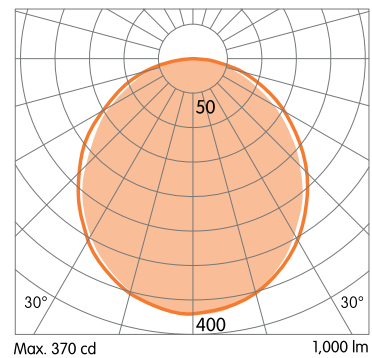
LAMBERTIAN DISTRIBUTION



Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces.

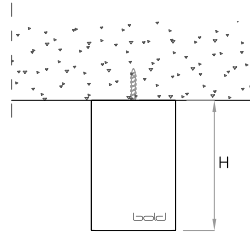
Billet's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.

120° Beam Angle (Lambertian)



MOUNTING FLEXIBILITY

SURFACE MOUNTED

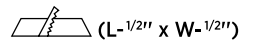
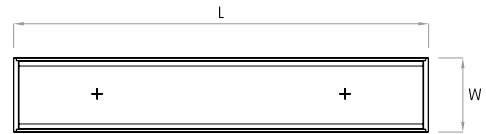


Actual

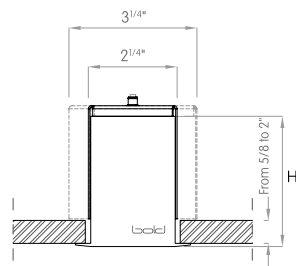
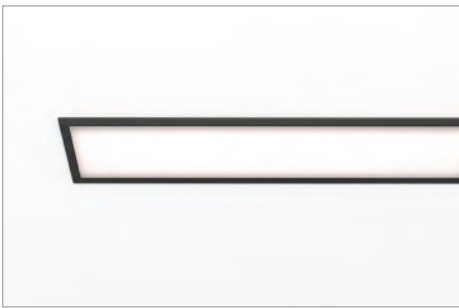
L= 12^{1/8"} | 23^{5/16"} | 35^{3/4"} | 47^{9/16"} | 59^{3/8"} | Continuous runs

W= 2^{3/16"}

H= 3^{3/8"}



RECESSED WITH TRIM

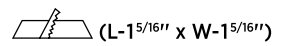
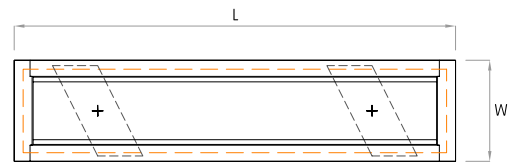


Actual

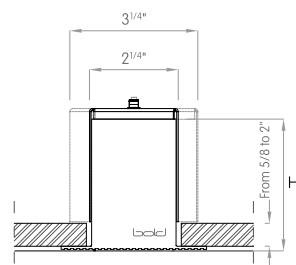
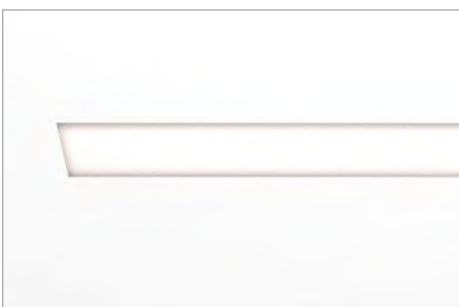
L= 12^{15/16"} | 24^{3/4"} | 36^{1/2"} | 48^{3/8"} | 60^{3/16"} | Continuous runs

W= 3"

H= 3^{3/8"}



RECESSED TRIMLESS

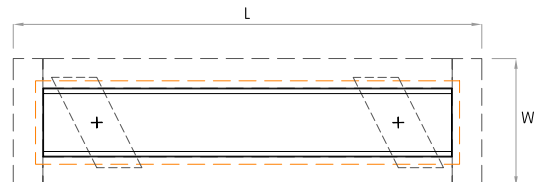


Actual

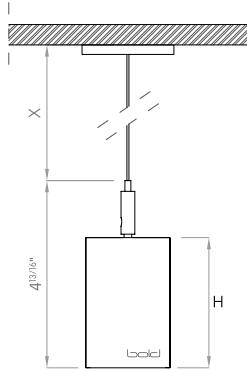
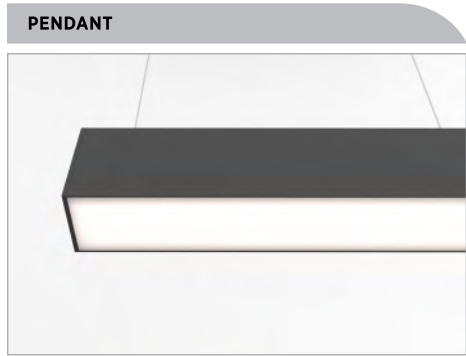
L= 13^{11/16"} | 25^{1/2"} | 37^{5/16"} | 49^{1/8"} | 60^{15/16"} | Continuous runs

W= 3^{3/4"}

H= 3^{3/8"}



MOUNTING FLEXIBILITY



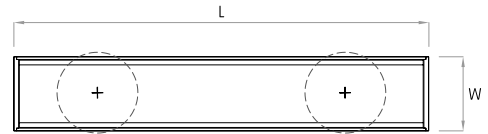
Actual

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

W= 2³/₁₆"

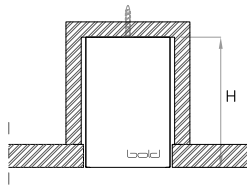
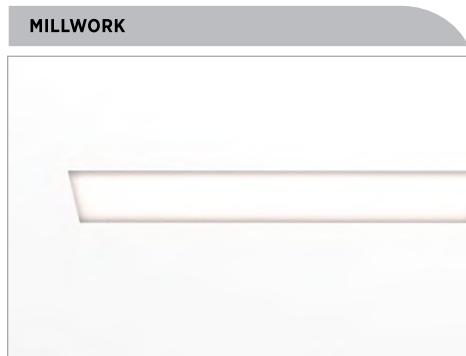
H= 3³/₈"

X= 59" or 118"



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

(L+¹/₈" x W+¹/₈")

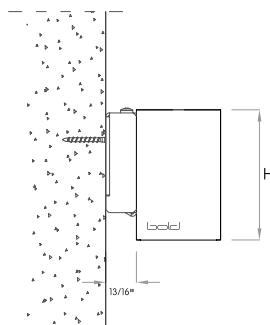
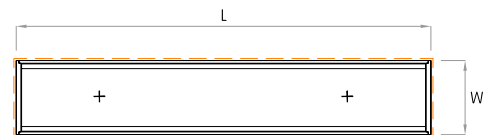


Actual

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

W= 2³/₁₆"

H= 3³/₈"

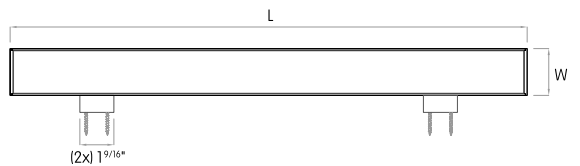


Actual

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

W= 2³/₁₆"

H= 3³/₈"



DELIVERED LUMEN OUTPUT

Per Linear Foot

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	340 lm	360 lm	370 lm	375 lm
M	10W	680 lm	720 lm	740 lm	755 lm
H	15W	1020 lm	1080 lm	1110 lm	1135 lm
V	20W	1305 lm	1380 lm	1420 lm	1450 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	680 lm	755 lm
A	20W	1305 lm	1450 lm

DIMENSIONS TABLE

		12"		24"		36"		48"		60"					
		Height		Width		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	625	24 3/4	925	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

