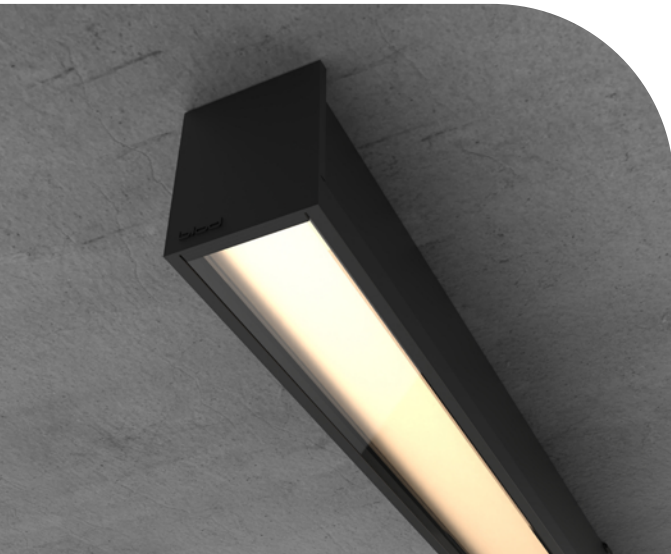


BILLET

OPAL - WET LOCATION

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. 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 : IP67 Inground
 IP66 Ceiling Recessed
IK Rating : IK10

LIGHT SOURCE

Direct Light Source : Mid-Power LEDs
Luminous Output : from 470lm/ft. to 1820lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K
 3500K / 4000K / Tunable White
 (2700K-5000K) / Dim-to-Warm
 (3000K-1800K) / RGBW
Color Rendering Index : Ra80 / Ra90

INSTALLATION

Environment : Wet Location
Mounting : Inground / Ceiling Recessed
 (Trim & Trimless) / Wall Recessed (Trim
 & Trimless) / Wall Mounted / Surface
 Mounted / Pendant

OPTICS

Optical Distribution : Elliptical (20°x40°)
 Asymmetric / Lambertian
Glare Control : UGR<19

ELECTRICAL

Input Voltage : 120V / 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
BOO	R Recessed with Trim	12 12"
	T Recessed Trimless	18 18"
	S Surface Mounted	24 24"
	P Pendant	30 30"
	I Inground	36 36"
	W Wall Mounted	42 42"
		48 48"
		54 54"
		60 60"
	XX Custom in	
LX Elbow		

For exact lengths refer to dimensions table.

Code example: **BOO**-P12W-L1B-O-E827-0

Body Finish	Output ¹	Voltage	Dimming	Diffuser	Beam Angle	CRI	Color Temp	Emergency
W White	L 470lm/ft (4W)	1 120V	A No Dimming	O Opal	L Opal	8 +80	27 2700K	0 no
B Black	M 910lm/ft (9W)	U ² Universal 120V to 277V	B 0-10V to 1%		A Asymmetric	9 +90	30 3000K	9 90 mins
G Grey	H 1490lm/ft (15W)		C 0-10V to Fade-off		E Elliptical		35 3500K	
X Custom RAL	V 1820lm/ft (19W)		D DALI to 1%				40 4000K	
			E ELV Dimming				WD ⁴ 3000K-1800K	
			F DMX				TW ⁵ 2700K - 5000K	
			G ³ LUTRON				CC RGBW	

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.



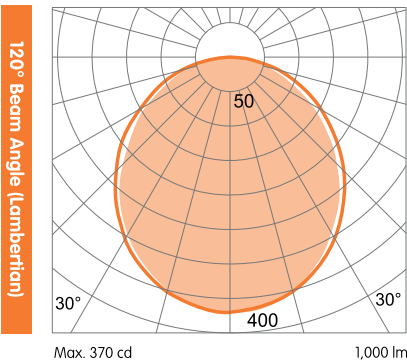
Bold Lighting
 4710 Ecton Dr. Unit F & G, Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us
 t: +1-678-903-4061

OPTICAL FLEXIBILITY

LAMBERTIAN DISTRIBUTION



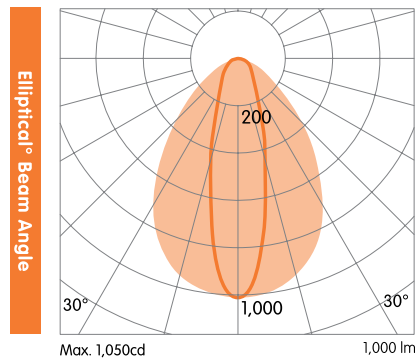
Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces. Billet's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.



ELLIPTICAL DISTRIBUTION



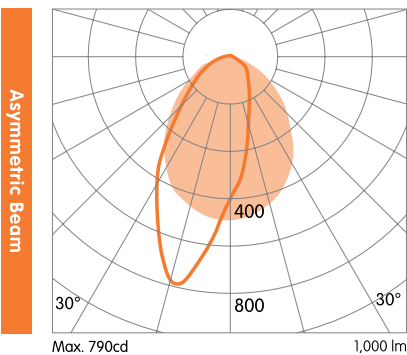
Elliptical distributions can be used anywhere focused illumination is needed. Billet's elliptical beam is ideal for applications such as grazing texture on vertical surfaces and illuminating long narrow spaces without scallops.



ASYMMETRIC DISTRIBUTION

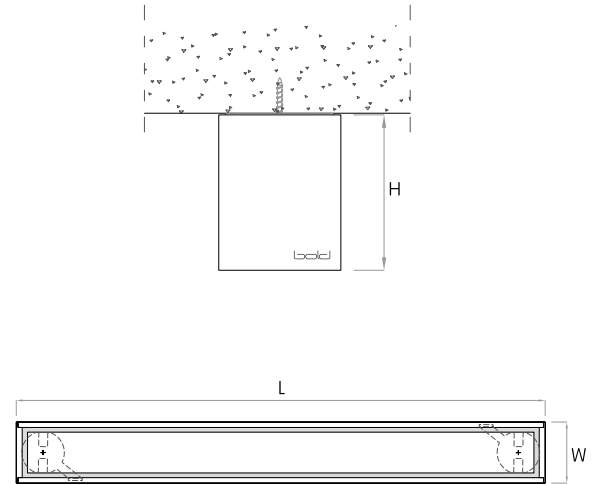


Asymmetric distributions are optimal for evenly wallwashing vertical surfaces, as well as providing asymmetric illumination on horizontal surfaces. Billet's asymmetric lens provides a high uniformity and performance for all applications.



MOUNTING FLEXIBILITY

SURFACE MOUNTED



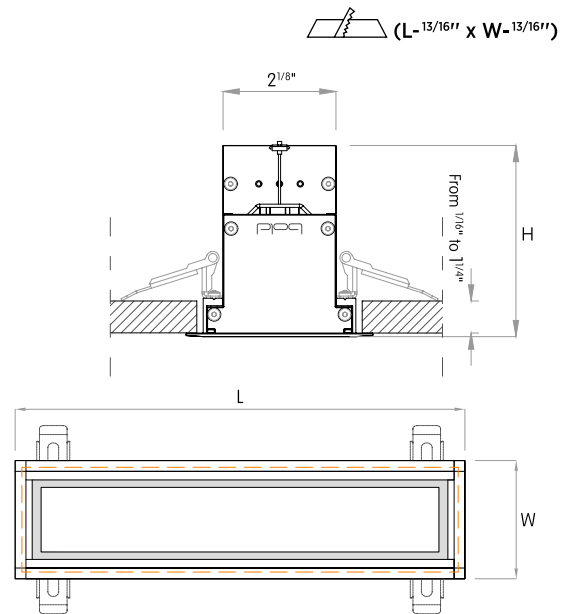
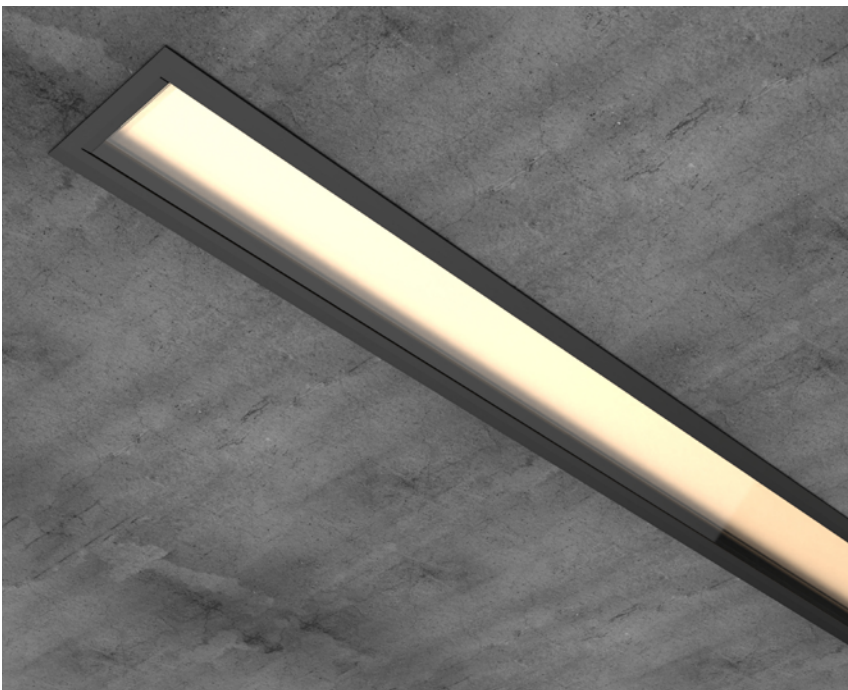
Actual

L= 24¹/₂" | 36⁵/₁₆" | 48¹/₈" | 59⁵/₁₆" | Continuous runs

W= 2¹³/₁₆"

H= 3⁹/₁₆"

RECESSED WITH TRIM



Actual


L= 13³/₁₆" | 25" | 36¹³/₁₆" | 48⁵/₈" | 60⁷/₁₆" | Continuous runs

W= 3⁷/₁₆"

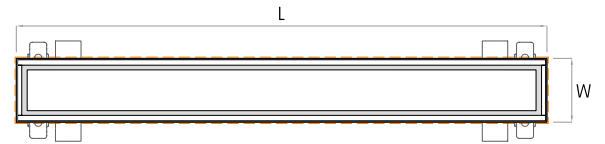
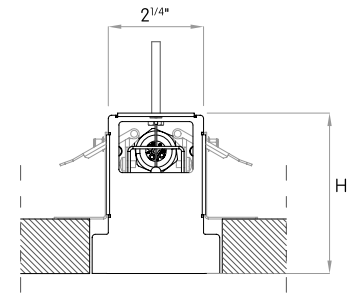
H= 3⁹/₁₆"



MOUNTING FLEXIBILITY

 $(L + 1/16'' \times W + 1/16'')$

RECESSED TRIMLESS



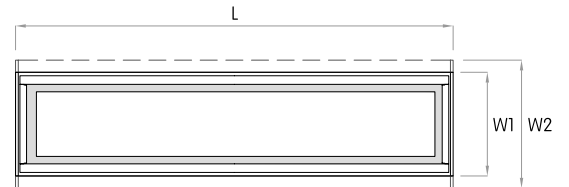
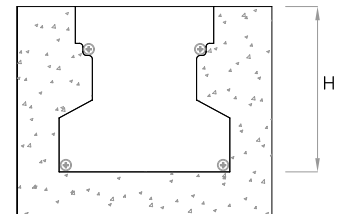
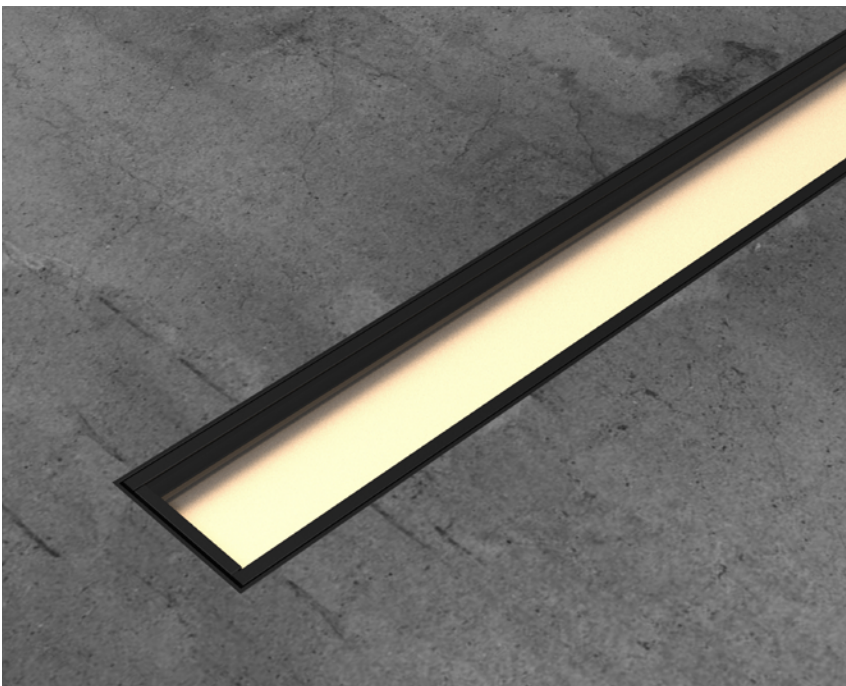
Actual

L = 24^{5/8}" | 36^{3/8}" | 48^{1/4}" | 60" | Continuous runs

W = 2^{15/16}"

H = 3^{1/16}"

INGROUND



Actual

L = 12^{13/16}" | 24^{5/8}" | 36^{7/16}" | 48^{1/4}" | 60" | Continuous runs

W1 = 3" | W2 = 3^{3/4}"

H = 3^{5/8}"

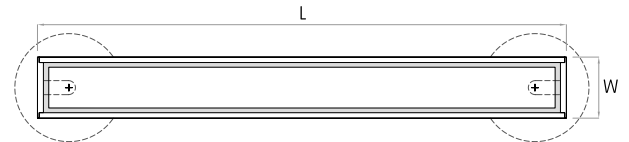
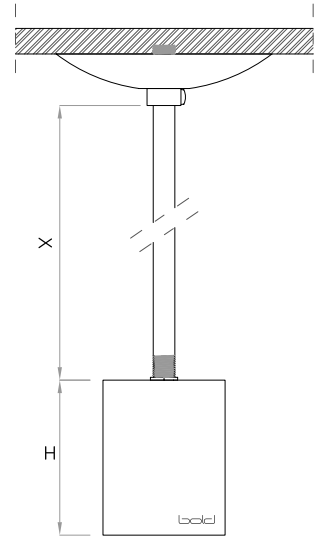


MOUNTING FLEXIBILITY

PENDANT



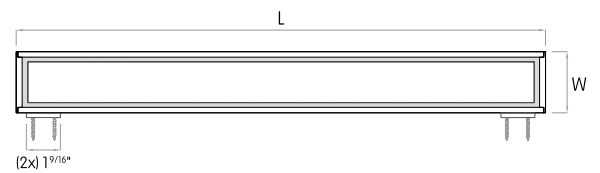
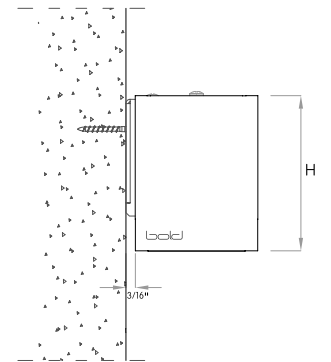
Actual
 L= 24¹/₂" | 36⁵/₁₆"
 | 48¹/₈" | 59¹⁵/₁₆" |
 Continuous runs
 W= 2¹³/₁₆"
 H= 3⁹/₁₆"
 X= 59"



WALL MOUNTED



Actual
 L= 24¹/₂" | 36⁵/₁₆" | 48¹/₈" | 59¹⁵/₁₆" | Continuous runs
 W= 2¹³/₁₆"
 H= 3⁹/₁₆"



DELIVERED LUMEN OUTPUT

Output		CRI +80			CRI +90			
STATIC-WHITE		2700K	3000K	4000K	2700K	3000K	4000K	
L	4W	460lm	470lm	490lm	380lm	390lm	410lm	
M	9W	1030lm	910lm	1110lm	850lm	760lm	920lm	
H	15W	1660lm	1490lm	1790lm	1380lm	1240lm	1500lm	
V	19W	2040lm	1820lm		1700lm	1520lm		
DIM-TO-WARM 3000K-1800K					3000K			
L	12W				990lm			
V	22W				1820lm			
TUNABLE WHITE 2700K-5000K								
L	12W	1130lm			990lm			
V	22W	2150lm			1820lm			
RGBW					R	G	B	W
TOTAL	47.5W				(9W) 143lm	(13.5W) 429lm	(13W) 136.5lm	(12W) 383.5lm

DIMENSIONS TABLE

		12"		24"		36"		48"		60"					
		Height		Width		Actual Length		Actual Length		Actual Length					
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch				
Surface Mounted		91	3 9/16	72	2 13/16			623	24 1/2	923	36 5/16	1223	48 1/8	1523	59 15/16
Recessed with Trim		91	3 9/16	88	3 7/16	335	13 3/16	635	25	935	36 13/16	1235	48 5/8	1535	60 7/16
Recessed Trimless		93	3 11/16	75	2 15/16			625	24 5/8	925	36 3/8	1225	48 1/4	1525	60
Pendant		91	3 9/16	72	2 13/16			623	24 1/2	923	36 5/16	1223	48 1/8	1523	59 15/16
Inground (with housing)		92	3 5/8	95	3 3/4	325	12 13/16	625	24 5/8	925	36 7/16	1225	48 1/4	1525	60
Wall Mounted		91	3 9/16	72	2 13/16			623	24 1/2	923	36 5/16	1223	48 1/8	1523	59 15/16

