

BILLET

INDOOR HONEYCOMB 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 Honeycomb was designed to provide bold illumination and a decorative aesthetic while maintaining minimal glare. 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 Recessed (Trim & Trimless) / Millwork / Surface Mounted / Pendant
Dimensions : Refer to dimension table

OPTICS

Optical Distribution : Lambertian
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Mid-power LEDs
Luminous Output : from 133lm/ft. to 586lm/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

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
BXO	R Recessed with Trim	12 12"
	T Recessed Trimless	24 24"
	S Surface Mounted	36 36"
	P Pendant	48 48"
	M Millwork	60 60"
		XX Custom in
		LX Elbow

For exact lengths refer to dimensions table.

Code example: **BXO** - P12W-L1B-W-L927-0

Body Finish	Output ¹	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
W White	L 139lm/ft (4W)	1 120V	A No Dimming	W Flat White	L Opal	9 +90	27 2700K	0 no
B Black	M 273lm/ft (9W)	U² 120V to 277V	B 0-10V to 1%	B Flat Black			30 3000K	9 90 mins
G Grey	H 441lm/ft (15W)		C 0-10V to Fade-off	N Black Nickel			35 3500K	
X Custom RAL	V 545lm/ft (19W)		D DALI to 1%	C Specular Chrome			40 4000K	
	D 346lm/ft (12.5W)		E ELV Dimming	G Bright Gold			WD⁴ 3000K-1800K	
	W 470lm/ft (22W)		F DMX	E Diffuse Gold			TW⁵ 2700K - 5000K	
	U 145lm/ft (12W)		G³ LUTRON	X Custom				
	A 238lm/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.



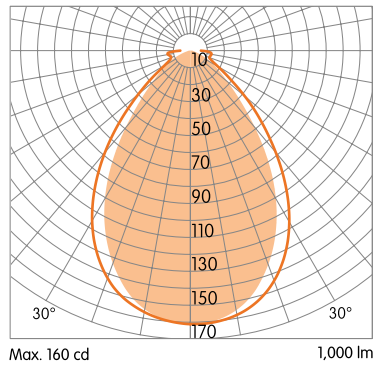
Bold Lighting
 4710 Ecton Dr., Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us
 t: +1-678-903-4061

LAMBERTIAN DISTRIBUTION



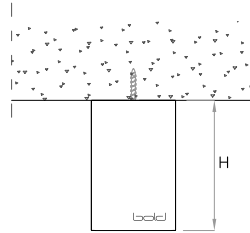
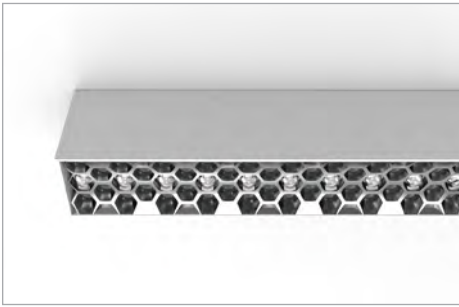
The Lambertian curve is the most versatile distribution for general lighting. It offers a soft and even illumination on both horizontal and vertical surfaces.

80° Beam Angle (Lambertian)



MOUNTING FLEXIBILITY

SURFACE MOUNTED

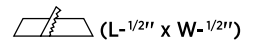
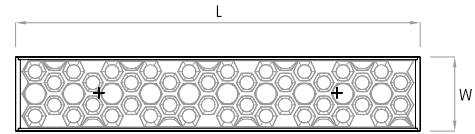


Actual

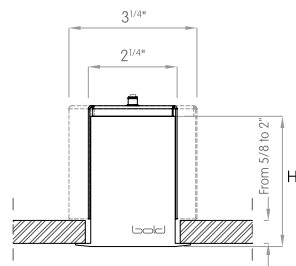
L= 12^{1/8"} | 23^{15/16"} | 35^{3/4"} | 47^{9/16"} | 59^{3/8"} | Continuous runs

W= 2^{3/16"}

H= 3^{3/8"}



RECESSED WITH TRIM

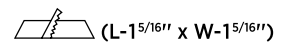
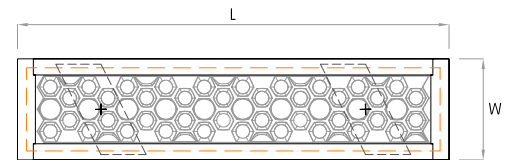


Actual

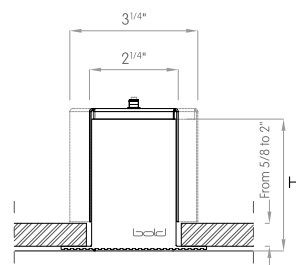
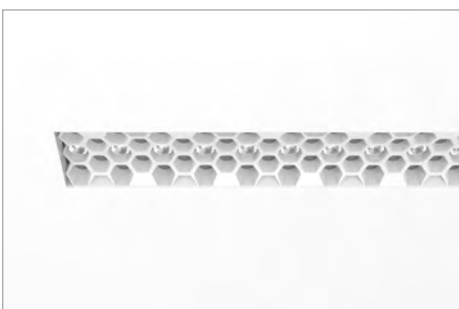
L= 12^{15/16"} | 24^{3/4"} | 36^{1/2"} | 48^{3/8"} | 60^{3/16"} | Continuous runs

W= 3"

H= 3^{3/8"}



RECESSED TRIMLESS

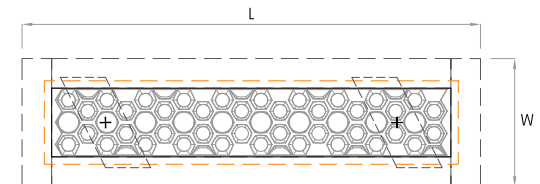


Actual

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

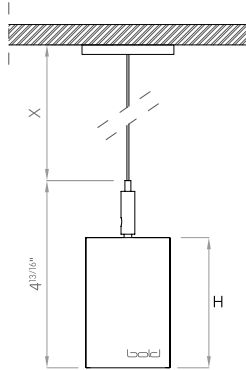
W= 3^{3/4"}

H= 3^{3/8"}



MOUNTING FLEXIBILITY

PENDANT



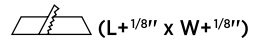
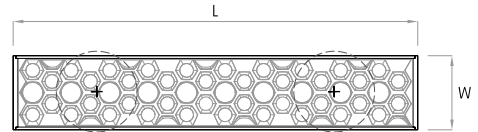
Actual

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

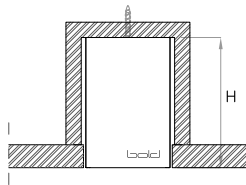
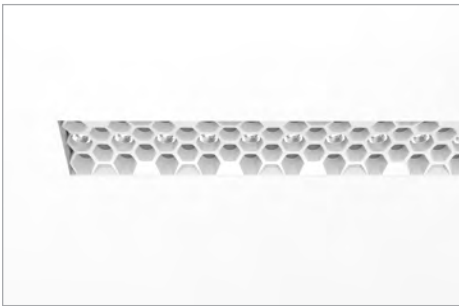
W= 2³/₁₆"

H= 3³/₈"

X= 59" or 118"



MILLWORK

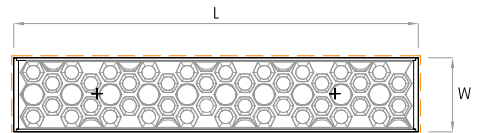


Actual

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	133lm	139lm	151lm
M	9W	261lm	273lm	296lm
H	15W	418lm	441lm	470lm
V	19W	522lm	545lm	586lm

DIM-TO-WARM 3000K-1800K		3000K
D	12.5W	346lm
W	18W	470lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	12W	128lm	145lm
A	22W	215lm	238lm

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		
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

