

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 unmatched performance and a decorative aesthetic while maintaining minimal glare. 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 575lm/m to 2470lm/m (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

INSTALLATION

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

ELECTRICAL

Input Voltage : 220-240V / UNV 120-277V - 50Hz/60Hz
Load : 16W/m to 66W/m
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

OPTICS

Optical Distribution : Lambertian
Glare Control : UGR<19

Code example: **BXO** - P12W - L2B - W - L927 - 0

Series	Mounting	Nominal Length ¹
BXO	R Recessed with Trim	12 300 mm
	T Recessed Trimless	24 600 mm
	S Surface Mounted	36 900 mm
	P Pendant	48 1200 mm
	M Millwork	60 1500 mm
		72 1800 mm
		84 2100 mm
		96 2400 mm
		108 2700 mm
		120 3000 mm
		XX Custom mm
For custom lengths and shapes, consult factory. For exact lengths refer to dimensions table.		

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 610lm/m (16W)	2 220-240V	A No Dimming	W Flat White	L Opal	9 +90	27 2700K	0 No
G Grey	M² 1225lm/m (33W)		U⁴ Universal 120 to 277V	B 0-10V to 1%			B Flat Black	30 3000K
W White	H² 1835lm/m (49W)	D DALI to 1%		N Black Nickel	35 3500K			
X Custom RAL	V² 2350lm/m (66W)		E ELV Dimming	C Specular Chrome	40 4000K			
	U³ 1285lm/m (33W)		F DMX	E Diffuse Gold	TW 2700K - 5000K			
	A³ 2470lm/m (66W)		G⁵ LUTRON	X Custom				

Notes:
¹ 150 mm 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.

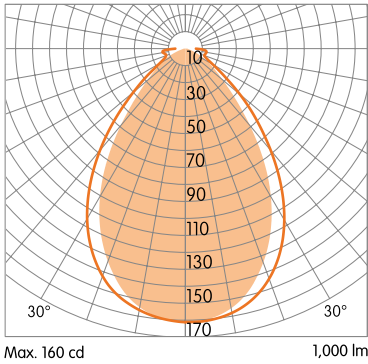


Bold Lighting
 4710 Ecton Dr., Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

DIFFUSE DISTRIBUTION



70° Beam Angle (Diffuse distribution)

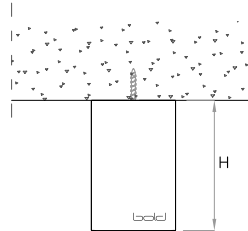
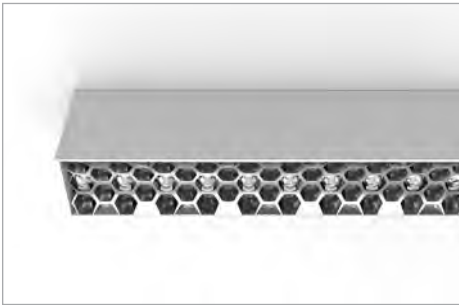


The diffuse distribution is the most versatile distribution for general lighting. It offers a soft and even illumination on both horizontal and vertical surfaces.

MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED

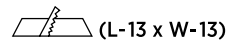
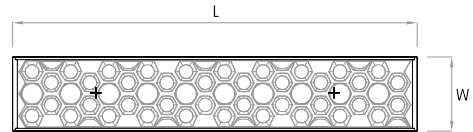


Actual (mm)

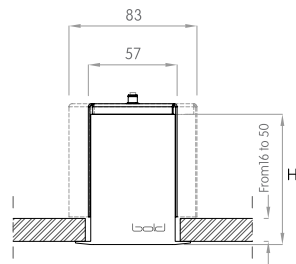
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708
3008 | Continuous runs

W= 55

H= 85



RECESSED WITH TRIM

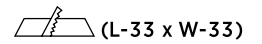
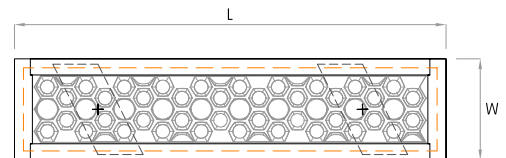


Actual (mm)

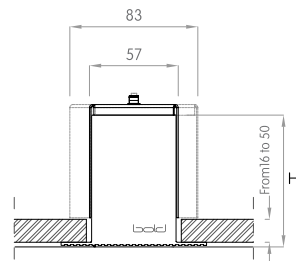
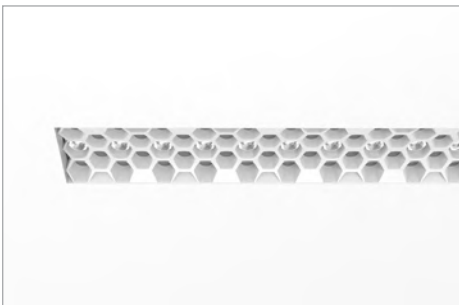
L= 328 | 628 | 928 | 1228 | 1528 | 1828 | 2128 | 2428 | 2728
3028 | Continuous runs

W= 75

H= 85



RECESSED TRIMLESS

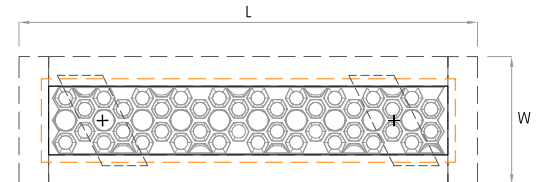


Actual (mm)

L= 348 | 648 | 948 | 1248 | 1548 | 1848 | 2148 | 2448 | 2748
3048 | Continuous runs

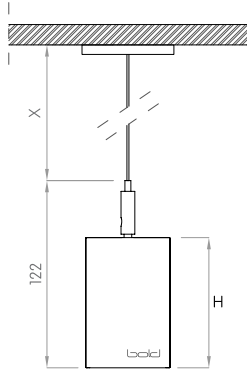
W= 95

H= 85



MOUNTING FLEXIBILITY

Per Millimeter



Actual (mm)

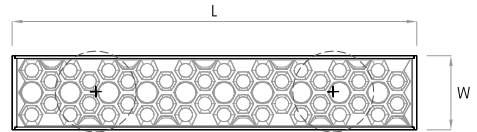
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

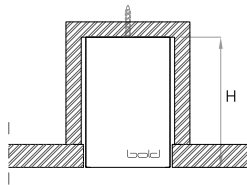
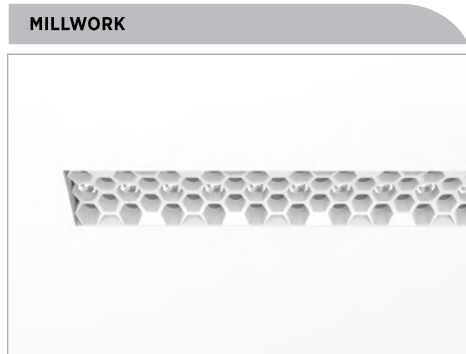
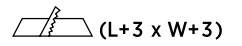
H= 85

X= 1500 or 3000



Note:

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



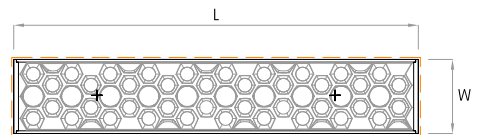
Actual (mm)

L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

H= 85



DELIVERED LUMEN OUTPUT

Per Meter

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	575 lm	610 lm	630 lm	640 lm
M	33W	1160 lm	1225 lm	1260 lm	1285 lm
H	49W	1740 lm	1835 lm	1895 lm	1930 lm
V	66W	2225 lm	2350 lm	2420 lm	2470 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	1160 lm	1285 lm
A	66W	2225 lm	2470 lm

DIMENSIONS TABLE

Per Meter

	12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
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Height Width Actual Length

Surface Mounted	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Recessed with Trim	85	75	328	628	928	1228	1528	1828	2128	2428	2728	3028
Recessed Trimless	85	95	348	648	948	1248	1548	1848	2148	2448	2748	3048
Pendant	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Millwork	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008

