

BILLET

INDOOR HONEYCOMB TIR - 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 : IP20
Chicago plenum rated

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 1600lm/m to 5110lm/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 : 10° / 20° / 35° / 60°
 Elliptical (10°x40°) (25°x50°)
Glare Control : UGR<19

Code example: **BXH** - P12W - L2B - W - E927 - 0

Series	Mounting	Nominal Length ¹
BXH	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 1600lm/m (16W)	2 220-240V	A No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No
G Grey	M² 2785lm/m (33W)	U⁴ Universal 120 to 277V	B 0-10V to 1%	B Flat Black	M 20°		30 3000K	9⁶ 90 mins
W White	H² 3835lm/m (49W)		D DALI to 1%	N Black Nickel	F 35°		35 3500K	
X Custom RAL	V² 5110lm/m (66W)		E ELV Dimming	C Specular Chrome	W 60°		40 4000K	
	U⁴ 2785lm/m (33W)		F DMX	E Diffuse Gold	E 10°x 40°		TW 2700K - 5000K	
	A⁴ 5110lm/m (66W)		G⁵ LUTRON	X Custom	G 25°x 50°			

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.

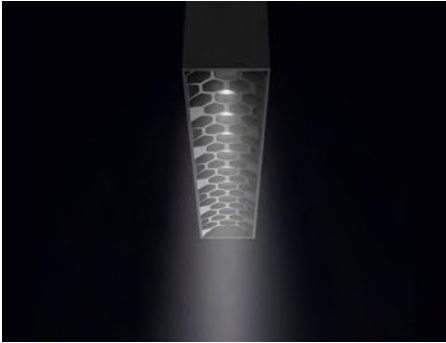
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



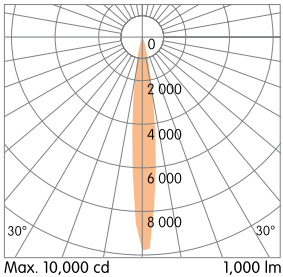
Bold Lighting
 4710 Ecton Dr., Marietta, GA 30066, USA
 info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION



10° Beam Angle

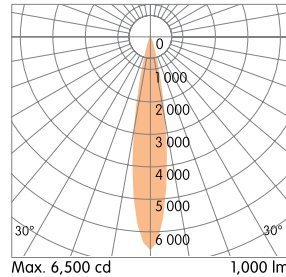


A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW DISTRIBUTION

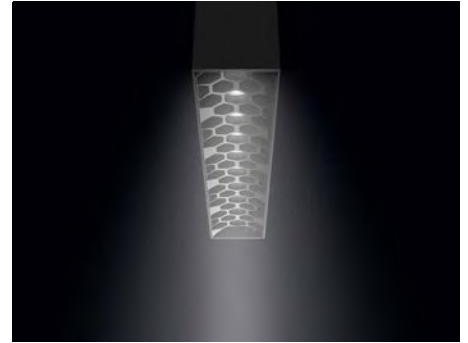


20° Beam Angle

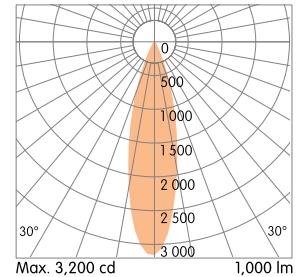


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

MEDIUM DISTRIBUTION



35° Beam Angle

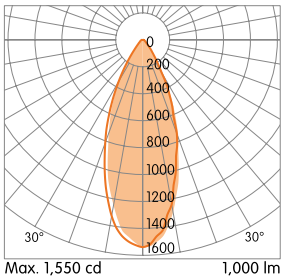


The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

WIDE BEAM DISTRIBUTION



60° Beam Angle

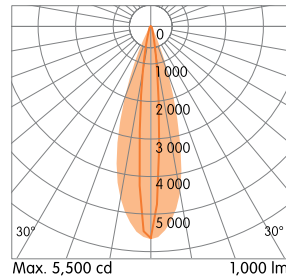


The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

ELLIPTICAL BEAM DISTRIBUTION

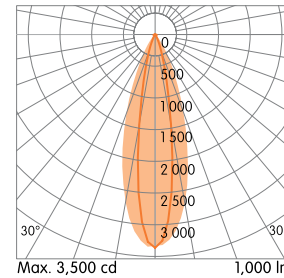


10° x 40° Beam Angle



The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

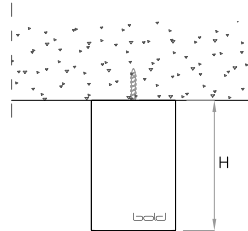
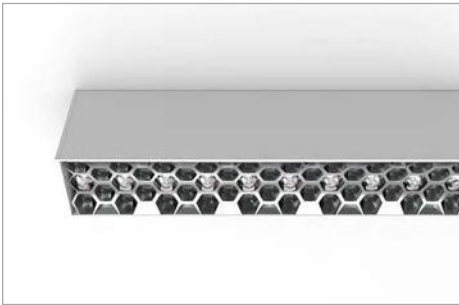
25° x 50° Beam Angle



MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED



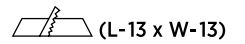
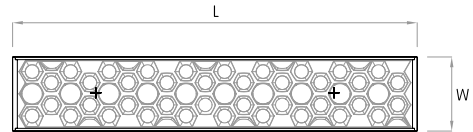
Actual (mm)

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

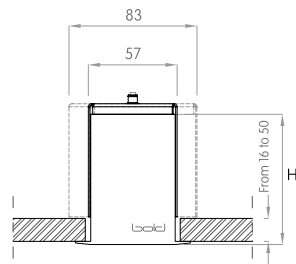
3008 | Continuous runs

W= 55

H= 85



RECESSED WITH TRIM



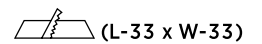
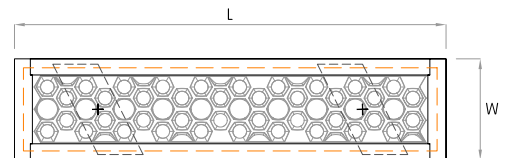
Actual (mm)

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

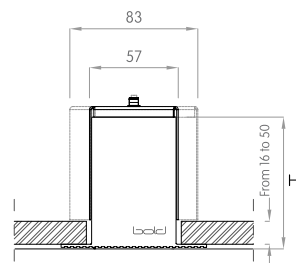
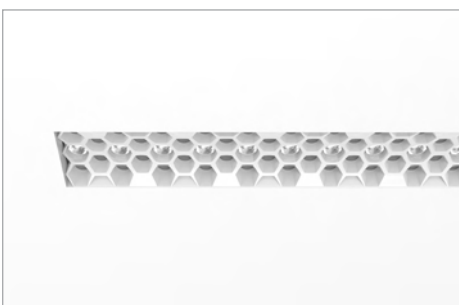
3028 | Continuous runs

W= 75

H= 85



RECESSED TRIMLESS



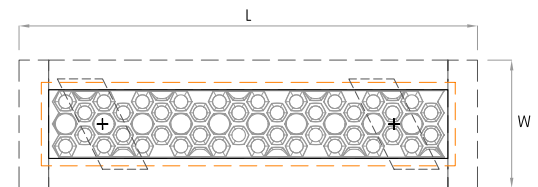
Actual (mm)

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

3048 | Continuous runs

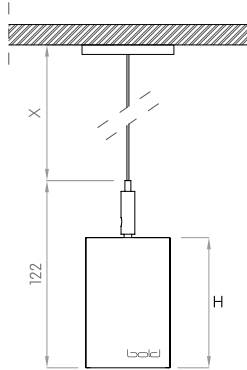
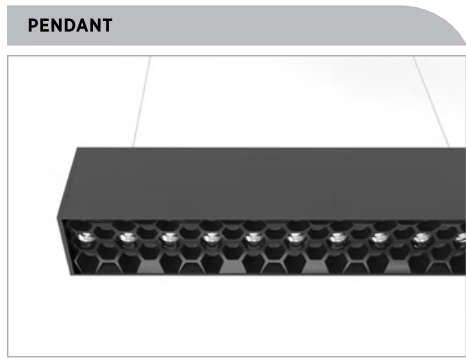
W= 95

H= 85



MOUNTING FLEXIBILITY

Per Millimeter



Actual (mm)

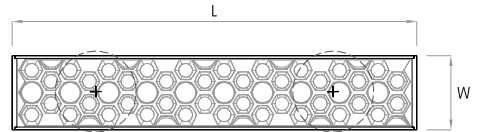
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

H= 85

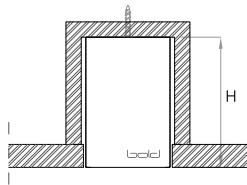
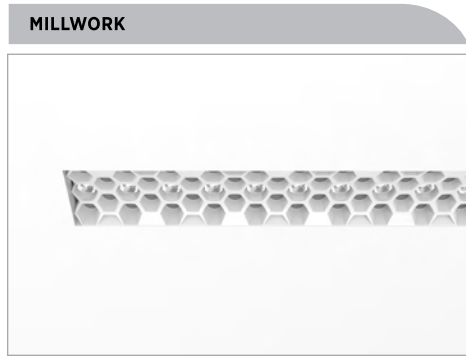
X= 1500 or 3000



Note:

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

(L+3 x W+3)



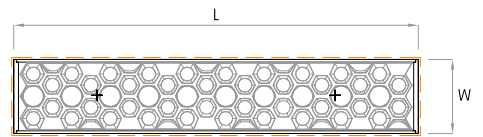
Actual (mm)

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	1600 lm	1600 lm	1600 lm	1600 lm
M	33W	2785 lm	2785 lm	2785 lm	2785 lm
H	49W	3835 lm	3835 lm	3835 lm	3835 lm
V	66W	5110 lm	5110 lm	5110 lm	5110 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	2785 lm	2785 lm
A	66W	5110 lm	5110 lm

DIMENSIONS TABLE

Per Meter

		12"	24"	36"	48"	60"	72"	84"	96"	108"	120"	
	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

