

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 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 : IP20

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 : 10° / 20° / 35° / 60°
 Elliptical (10°x40°) (25°x50°)
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 250lm/ft. to 842lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K
 4000K / Tunable White (2700K-5000K)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
BXH	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
		LX Elbow

For exact lengths refer to dimensions table.

Code example: **BXH** - P12W - L1B - W - E927 - 0

Body Finish	Output ¹	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
W White	L 259lm/ft (4W)	1 120V	A No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 no
B Black	M 432lm/ft (9W)	U ² Universal 120V to 277V	B 0-10V to 1%	B Flat Black	M 20°		30 3000K	9 90 mins
G Grey	H 632lm/ft (15W)		C 0-10V to Fade-off	N Black Nickel	F 35°		35 3500K	
X Custom RAL	V 772lm/ft (19W)		D DALI to 1%	C Specular Chrome	W 60°		40 4000K	
	U 145lm/ft (12W)		E ELV Dimming	G Bright Gold	E 10°x 40°		TW ⁵ 2700K - 5000K	
	A 238lm/ft (22W)		F DMX	E Diffuse Gold	E 25°x 50°			
			G ³ LUTRON	X Custom				

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.

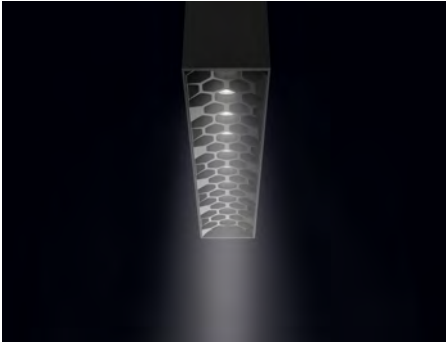
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



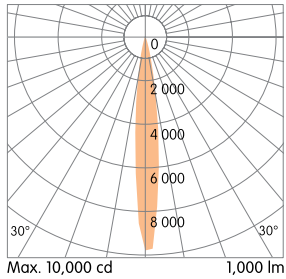
Bold Lighting
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OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION



10° Beam Angle

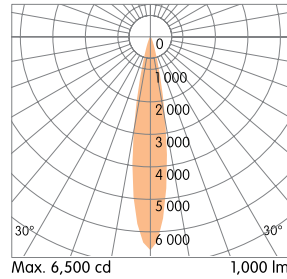


A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW DISTRIBUTION

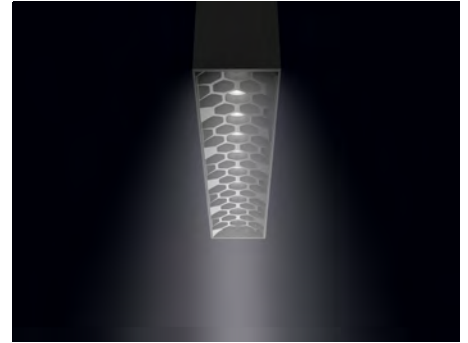


20° Beam Angle

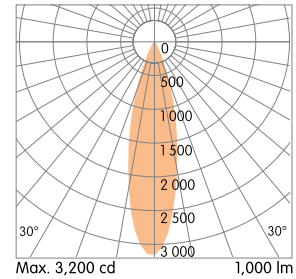


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

MEDIUM DISTRIBUTION

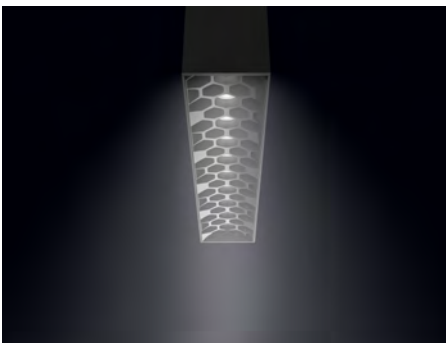


35° Beam Angle

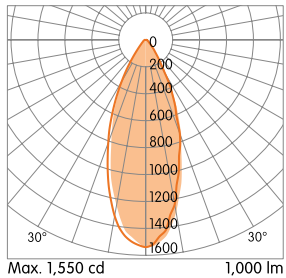


The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

WIDE BEAM DISTRIBUTION

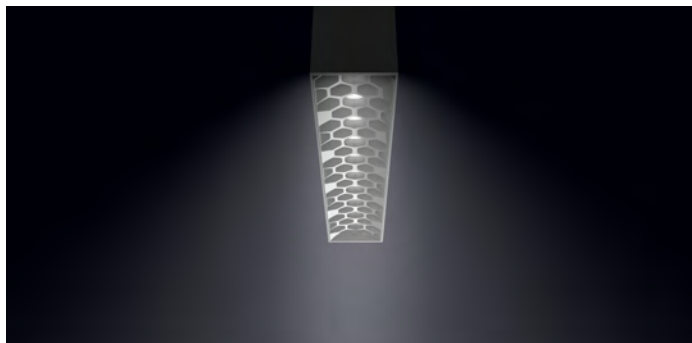


60° Beam Angle

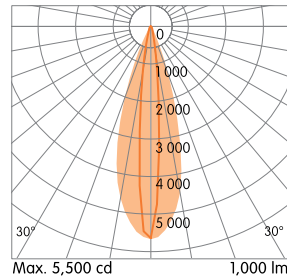


The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

ELLIPTICAL BEAM DISTRIBUTION

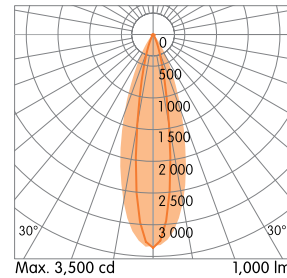


10° x 40° Beam Angle



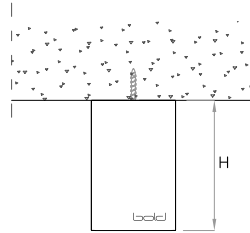
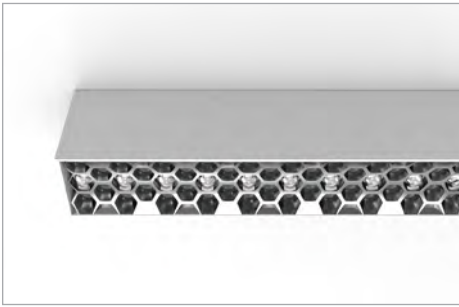
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



MOUNTING FLEXIBILITY

SURFACE MOUNTED

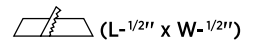
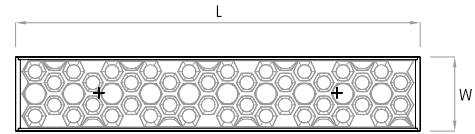


Actual

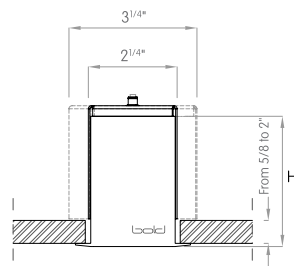
L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



RECESSED WITH TRIM

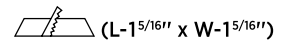
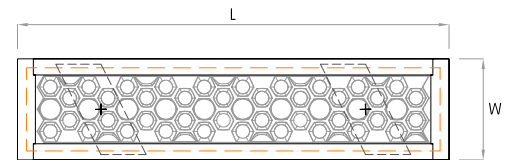


Actual

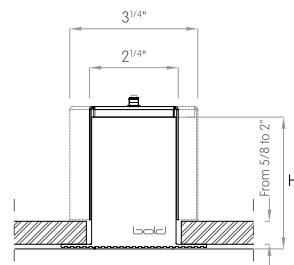
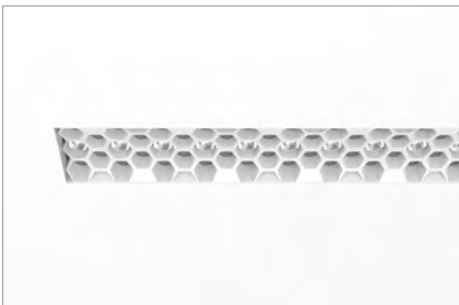
L= 12¹⁵/₁₆" | 24³/₄" | 36¹/₂" | 48³/₈" | 60³/₁₆" | Continuous runs

W= 3"

H= 3³/₈"



RECESSED TRIMLESS

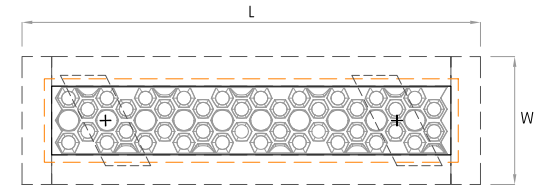


Actual

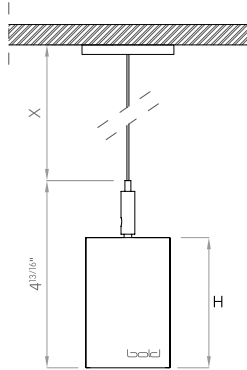
L= 13¹¹/₁₆" | 25¹/₂" | 37⁵/₁₆" | 49¹/₈" | 60¹⁵/₁₆" | Continuous runs

W= 3³/₄"

H= 3³/₈"



MOUNTING FLEXIBILITY



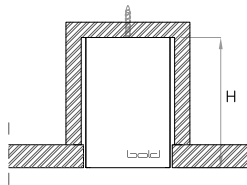
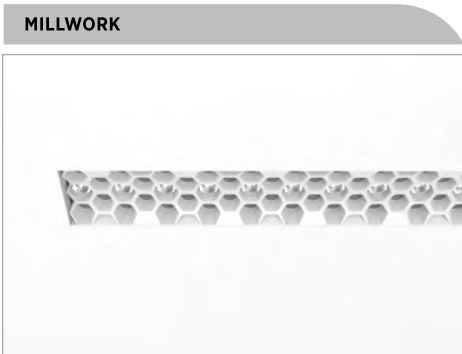
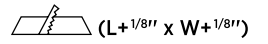
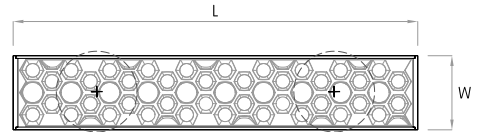
Actual

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

W= 2³/₁₆"

H= 3³/₈"

X= 59" or 118"

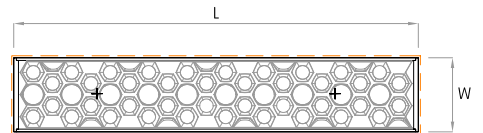


Actual

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	250lm	259lm	281lm
M	9W	416lm	432lm	470lm
H	15W	608lm	632lm	691lm
V	19W	744lm	772lm	842lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	12W	119lm	135lm
A	22W	200lm	221lm

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		
		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
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

