

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° / 50°
 Elliptical (10°x40°) (25°x50°)
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 750lm/ft. to 2080lm/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
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 - E827 - 0

Body Finish	Output ¹	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
W White	L 750lm/ft (4W)	1 120V	A No Dimming	W Flat White	S 10°	8 +80	27 2700K	0 no
B Black	M 930lm/ft (9W)	U ² Universal 120V to 277V	B 0-10V to 1%	B Flat Black	M 20°	9 +90	30 3000K	9 90 mins
G Grey	H 1560lm/ft (15W)		C 0-10V to Fade-off	N Black Nickel	F 35°		35 3500K	
X Custom RAL	V 2080lm/ft (19W)		D DALI to 1%	C Specular Chrome	W 50°		40 4000K	
			E ELV Dimming	G Bright Gold	E 10°x 40°		WD ⁴ 3000K-1800K	
			F DMX	E Diffuse Gold	E 25°x 50°		TW ⁵ 2700K - 5000K	
			G ³ LUTRON	X Custom				

Notes:

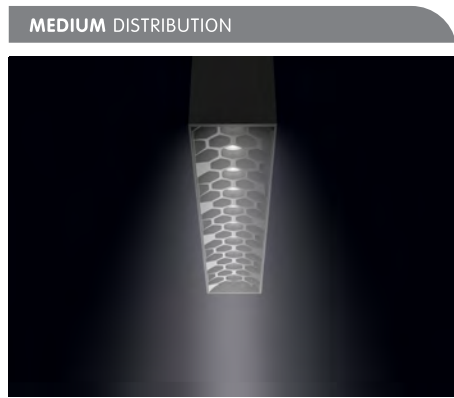
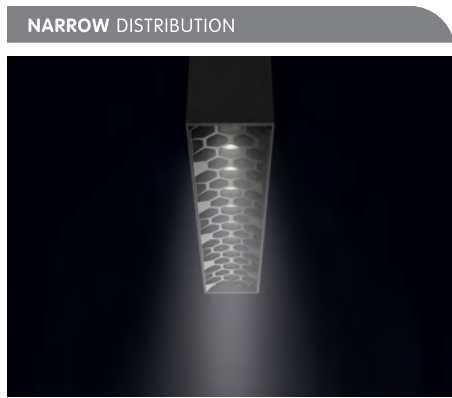
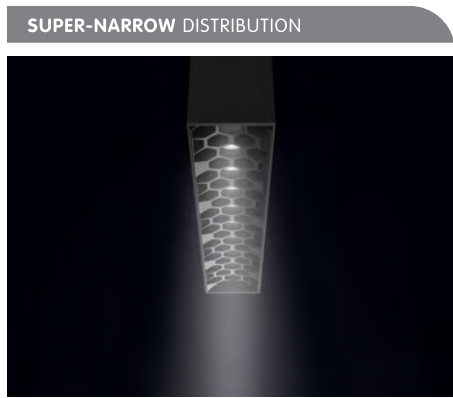
- ¹ Denotes output at 3000K, unless otherwise noted.
- ² Not applicable for ELV dimming.
- ³ Hi-Lume 1% EcoSystem Soft-on, Fade-to-Black dimming.
- ⁴ Denotes output specific to Dim-to-Warm at 3000K.
- ⁵ Denotes output specific to Tunable White at full on.

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

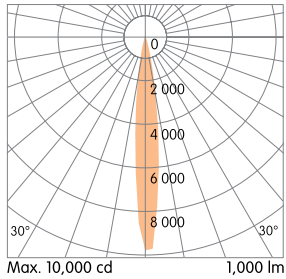


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OPTICAL FLEXIBILITY

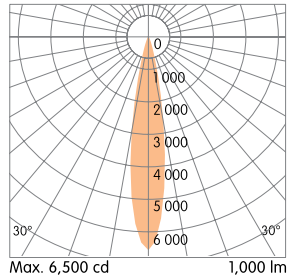


10° Beam Angle



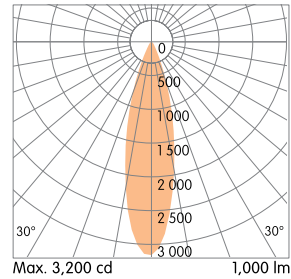
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

20° Beam Angle

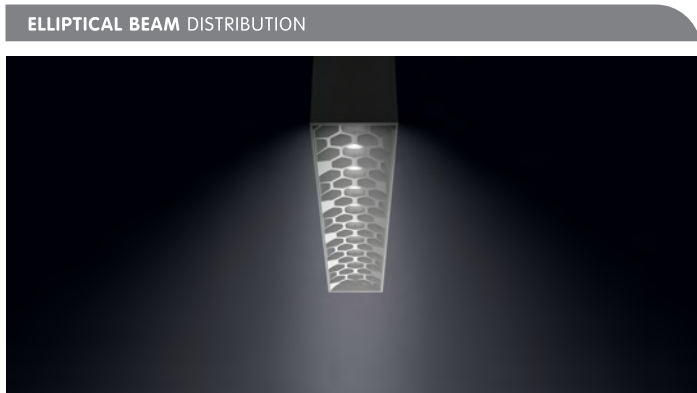
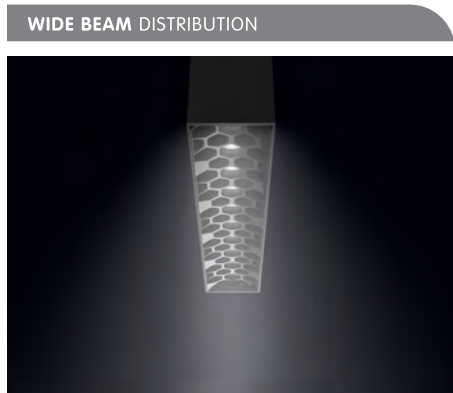


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

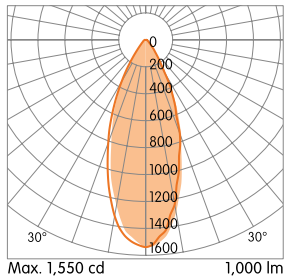
35° Beam Angle



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.

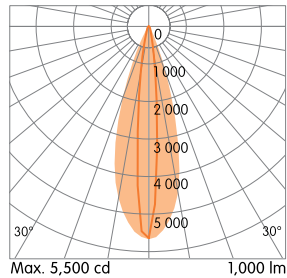


50° Beam Angle



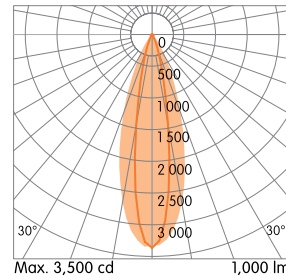
The 50° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

10° x 40° Beam Angle



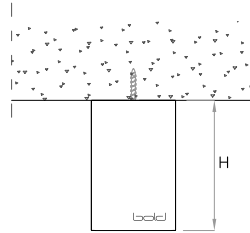
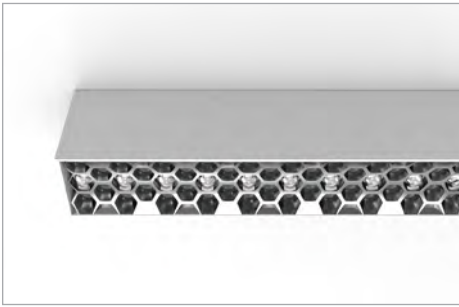
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



MOUNTING FLEXIBILITY

SURFACE MOUNTED

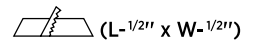
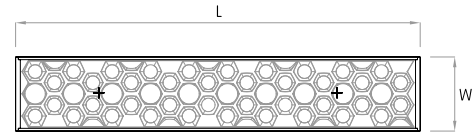


Actual

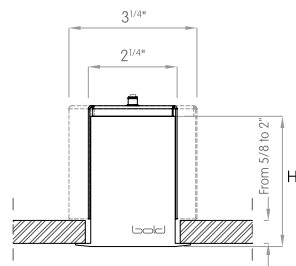
L= 11¹³/₁₆" | 23¹/₈" | 34⁷/₁₆" | 45³/₄" | 57" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



RECESSED WITH TRIM

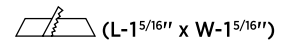
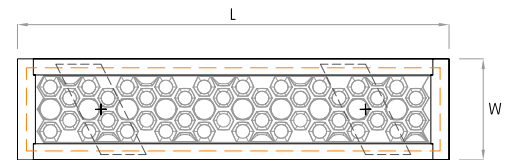


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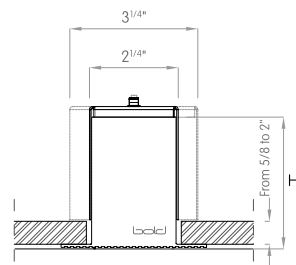
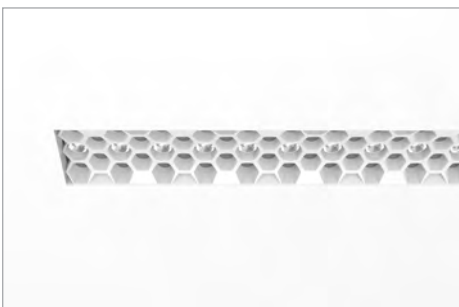
L= 12⁵/₈" | 23¹⁵/₁₆" | 35³/₁₆" | 46¹/₂" | 57¹³/₁₆" | Continuous runs

W= 3"

H= 3³/₈"



RECESSED TRIMLESS

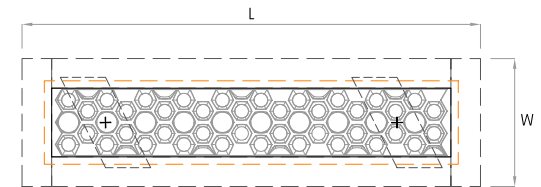


Actual

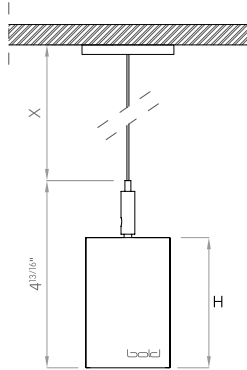
L= 13³/₈" | 24¹¹/₁₆" | 36" | 47⁵/₁₆" | 58⁵/₈" | Continuous runs

W= 3³/₄"

H= 3³/₈"



MOUNTING FLEXIBILITY



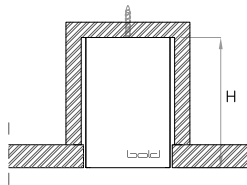
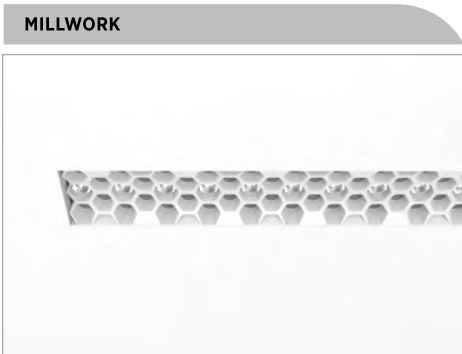
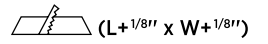
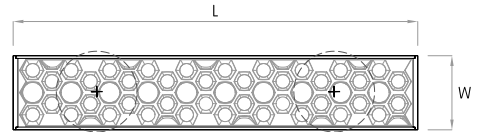
Actual

L = 11¹³/₁₆" | 23¹/₈" | 34⁷/₁₆" | 45³/₄" | 57" | Continuous runs

W = 2³/₁₆"

H = 3³/₈"

X = 59" or 118"

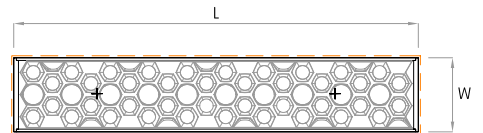


Actual

L = 11¹³/₁₆" | 23¹/₈" | 34⁷/₁₆" | 45³/₄" | 57" | Continuous runs

W = 2³/₁₆"

H = 3³/₈"



DELIVERED LUMEN OUTPUT

Output		Watts			CRI +80			CRI +90			
STATIC-WHITE				2700K	3000K	4000K			2700K	3000K	4000K
L	4W	750lm	750lm	750lm	640lm	640lm	640lm				
M	9W	930lm	930lm	930lm	870lm	870lm	870lm				
H	15W	1560lm	1560lm	1550lm	1290lm	1290lm	1280lm				
V	19W	2080lm	2080lm	2070lm	1720lm	1720lm	1720lm				
DIM-TO-WARM 3000K-1800K								3000K			
D	9W								950lm		
W	18W								1470lm		
TUNABLE WHITE 2700K-5000K											
U	9W		1020lm						1020lm		
A	18W		1570lm						1570lm		

DIMENSIONS TABLE

				12"		24"		36"		48"		60"		
		Height		Width		Actual Length		Actual Length		Actual Length		Actual Length		
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
		Surface Mounted	85	3 3/8	55	2 3/16	300.5	11 13/16	587.5	23 1/8	874.5	34 7/16	1161.5	45 3/4
Recessed with Trim	85	3 3/8	75	3	320.5	12 5/8	607.5	23 15/16	894.5	35 3/16	1181.5	46 1/2	1468.5	57 13/16
Recessed Trimless	85	3 3/8	95	3 3/4	340.5	13 3/8	627.5	24 11/16	914.5	36	1201.5	47 5/16	1488.5	58 5/8
Pendant	85	3 3/8	55	2 3/16	300.5	11 13/16	587.5	23 1/8	874.5	34 7/16	1161.5	45 3/4	1448.5	57
Millwork	85	3 3/8	55	2 3/16	300.5	11 13/16	587.5	23 1/8	874.5	34 7/16	1161.5	45 3/4	1448.5	57

