

BILLET

HONEYCOMB - WET LOCATION

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 : IP67 Inground
 IP66 Ceiling Recessed
IK Rating : IK10

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) / Dim-to-Warm (3000K-1800K) / RGBW
Color Rendering Index : Ra80 / Ra90

INSTALLATION

Environment : Wet Location
Mounting : Inground / Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless) Surface Mounted / Pendant

ELECTRICAL

Input Voltage : 120V / 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

OPTICS

Optical Distribution : 10° / 20° / 35° / 50°
 Elliptical (10°x40°) (25°x50°)
Glare Control : UGR<19 *Honeycomb*

Code example: **BHS** - P12W-L1B-W-E827-0

Series	Mounting	Nominal Length
BHS	R Recessed with Trim	12 12"
	T Recessed Trimless	24 24"
	S Surface Mounted	36 36"
	P Pendant	48 48"
	I Inground	60 60"
	XX Custom in	
	LX Elbow	

For exact lengths refer to dimensions table.

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)	U² 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°		WD⁴ 3000K-1800K	
			F DMX	E Diffuse Gold	E 25°x 50°		TW⁵ 2700K - 5000K	
			G³ LUTRON	X Custom				

Notes:

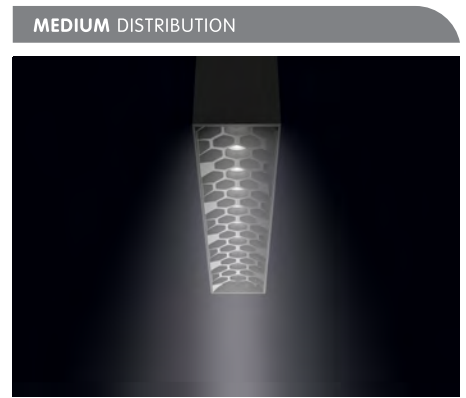
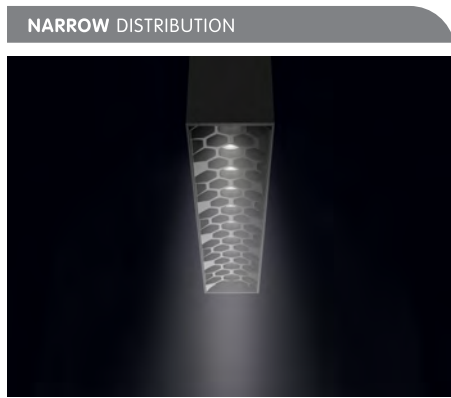
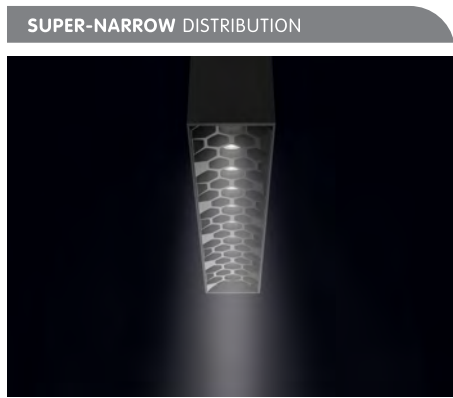
- ¹ Denotes output at 3000K, unless otherwise noted.
- ² Not applicable for ELV dimming.
- ³ Hi-Lume 1% EcoSystem Soft-on, Fade-to-Black dimming.
- ⁴ Denotes output specific to Dim-to-Warm at 3000K.
- ⁵ Denotes output specific to Tunable White at full on.

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

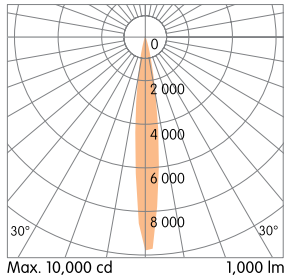


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OPTICAL FLEXIBILITY

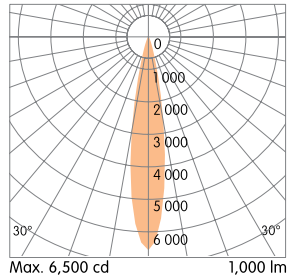


10° Beam Angle



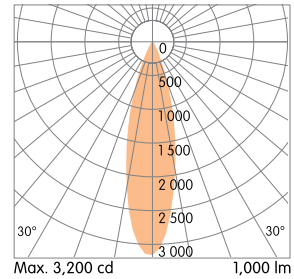
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

20° Beam Angle

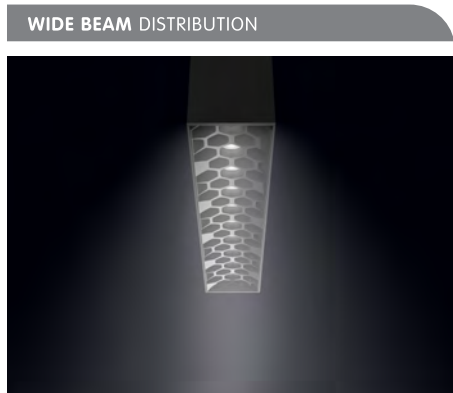


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

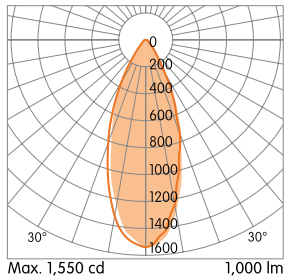
35° Beam Angle



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.

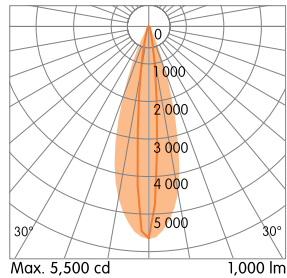


50° Beam Angle



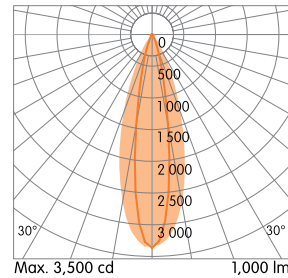
The 50° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

10° x 40° Beam Angle



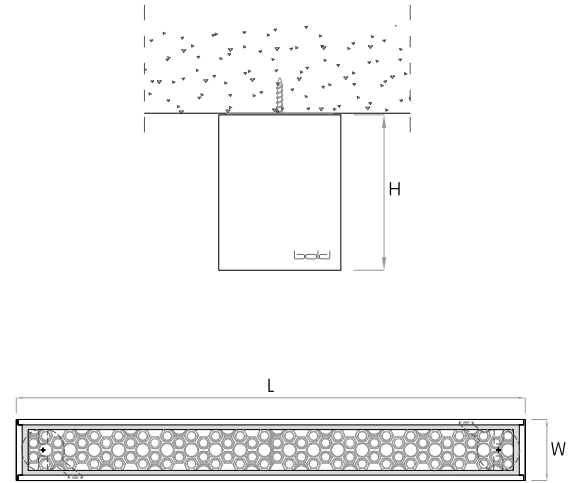
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



MOUNTING FLEXIBILITY

SURFACE MOUNTED



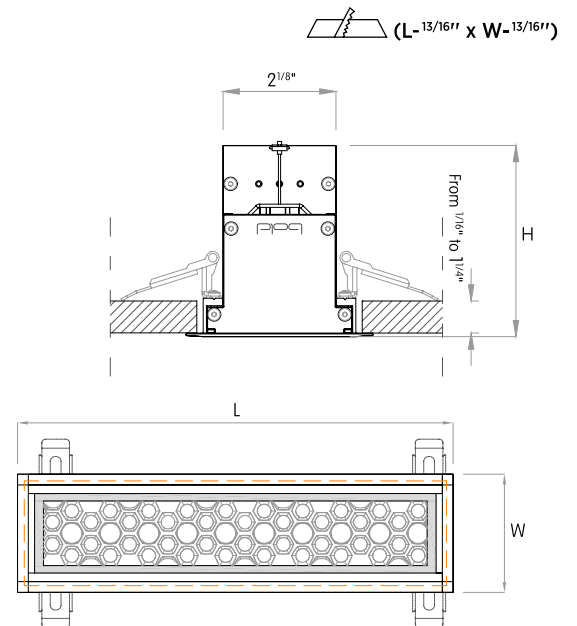
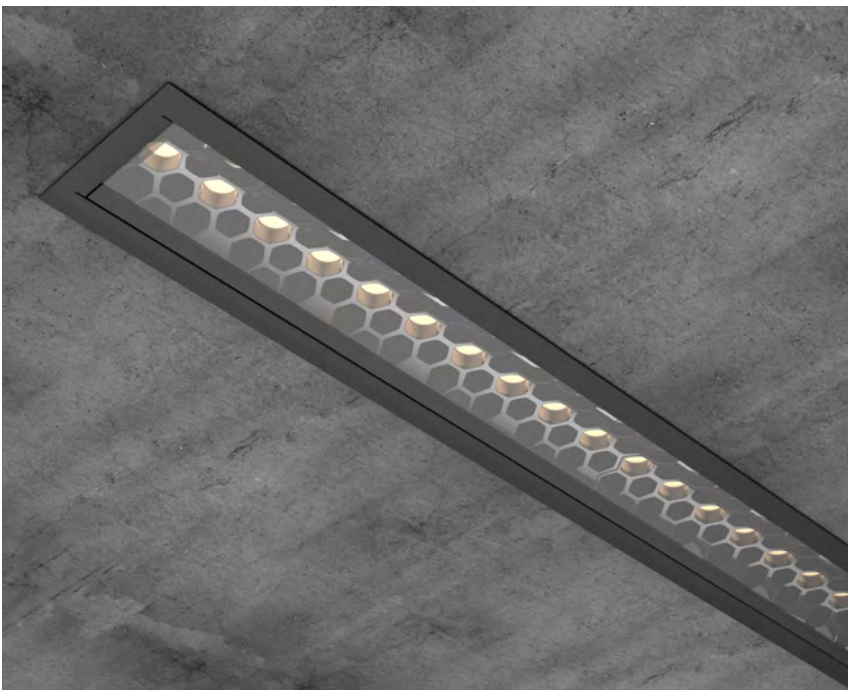
Actual

L= 23⁹/₁₆" | 34⁷/₈" | 46³/₁₆" | 57¹/₂" | Continuous runs

W= 2¹³/₁₆"

H= 3⁹/₁₆"

RECESSED WITH TRIM



Actual


L= 12³/₄" | 24" | 35³/₈" | 46⁵/₈" | 57¹⁵/₁₆" | Continuous runs

W= 3⁷/₁₆"

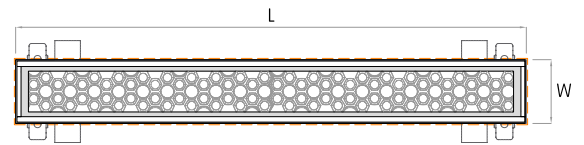
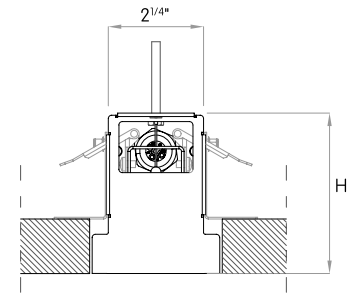
H= 3⁹/₁₆"



MOUNTING FLEXIBILITY

 $(L + 1/16" \times W + 1/16")$

RECESSED TRIMLESS



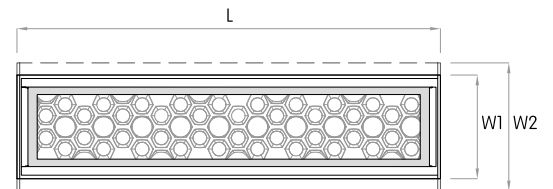
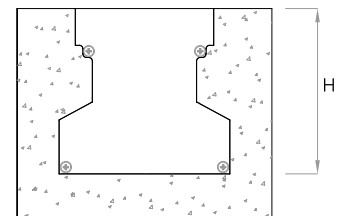
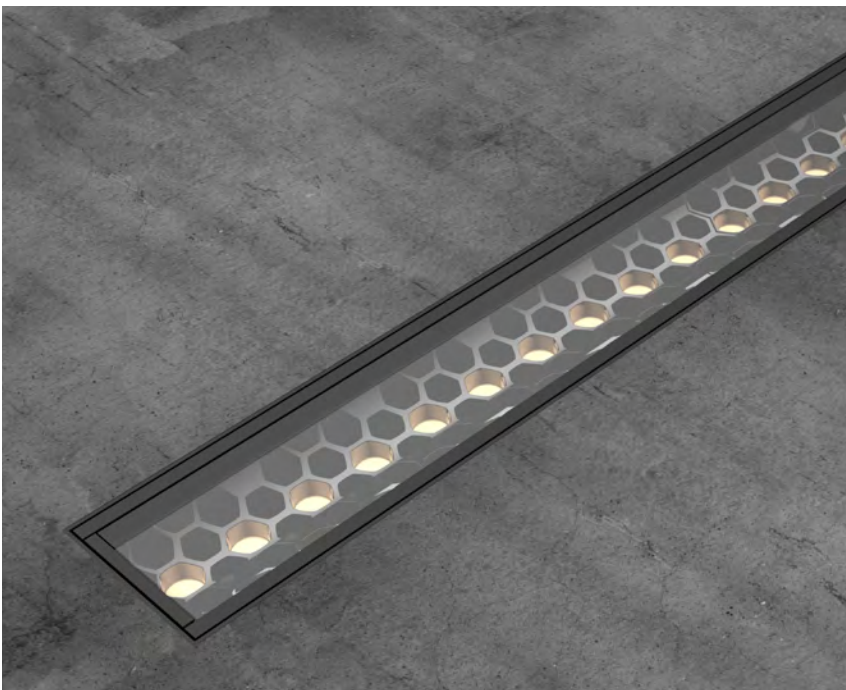
Actual

L = 23^{11/16"} | 35" | 46^{3/8"} | 57^{9/16"} | Continuous runs

W = 2^{5/16"}

H = 3^{11/16"}

INGROUND



Actual

L = 12^{3/8"} | 23^{11/16"} | 35" | 46^{3/8"} | 57^{9/16"} | Continuous runs

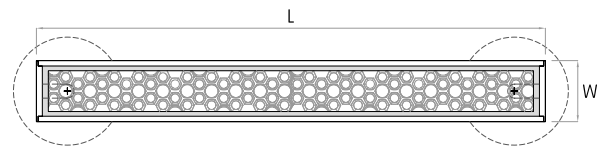
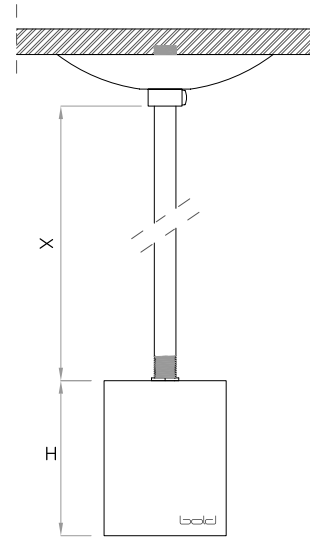
W1 = 3" | W2 = 3^{3/4"}

H = 3^{5/8"}



MOUNTING FLEXIBILITY

PENDANT



Actual

L= 23⁹/₁₆" | 34⁷/₈" | 46³/₁₆" | 57¹/₂" | Continuous runs

W= 2¹³/₁₆"

H= 3⁹/₁₆"

X= 59"



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	
Surface Mounted	mm	91	72	88	324	601	888	1173	1460	1460	1462
	Inch	3 9/16	2 13/16	3 7/16	12 3/4	23 11/16	34 7/8	46 3/16	57 1/2	57 1/2	57 9/16
Recessed with Trim	mm	91	88	324	611	898	1185	1472	1472	1472	1472
	Inch	3 9/16	3 7/16	12 3/4	24	35 3/8	46 5/8	57 15/16	57 15/16	57 15/16	57 15/16
Recessed Trimless	mm	93	75	601	888	1175	1462	1462	1462	1462	1462
	Inch	3 11/16	2 15/16	23 11/16	35	46 3/8	57 9/16	57 9/16	57 9/16	57 9/16	57 9/16
Pendant	mm	91	72	601	888	1173	1460	1460	1460	1460	1460
	Inch	3 9/16	2 13/16	23 11/16	34 7/8	46 3/16	57 1/2	57 1/2	57 1/2	57 1/2	57 1/2
Inground (with housing)	mm	92	95	314	601	888	1175	1462	1462	1462	1462
	Inch	3 5/8	3 3/4	12 3/8	23 11/16	35	46 3/8	57 9/16	57 9/16	57 9/16	57 9/16

