

BILLET

HONEYCOMB - WET LOCATION

bold
lighting



Architectural SSL Magazine

PIA'20

product innovation award



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 symmetrical baffles were designed to provide bold illumination 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

INSTALLATION

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

OPTICS

Optical Distribution : 15° / 25° / 40° / 60° / Elliptical, (25°x45°) / Asymmetric
Glare Control : UGR<19 *Honeycomb*

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

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

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"
	M Millwork	60 60"
	I Inground	X Custom in
		LX Elbow

For exact lengths refer to dimensions table.

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

Body Finish	Output ¹	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
W White	L 750lm/ft (4W)	A No Dimming	W Flat White	S 15°	8 +80	27 2700K	0 no
B Black	M 930lm/ft (9W)	B 0-10V to 1%	B Flat Black	M 25°	9 +90	30 3000K	9 90 mins
G Grey	H 1560lm/ft (15W)	C 0-10V to Fade-off	N Black Nickel	F 40°		35 3500K	
X Custom RAL	V 2080lm/ft (19W)	D DALI to 1%	C Specular Chrome	B 60°		40 4000K	
		E ELV Dimming	G Bright Gold	E 25°x 45°		WD³ 3000K-1800K	
		F DMX	E Diffuse Gold	A Asymmetric		TW⁴ 2700K - 5000K	
		G² LUTRON	X Custom				

Notes:

¹ Denotes output at 3000K, unless otherwise noted.

² Hi-lume 1% EcoSystem Soft-on, Fade-to-Black dimming.

³ Denotes output specific to Dim-to-Warm at 3000K.

⁴ Denotes output specific to Tunable White at full on.

Consult factory for lead-times.

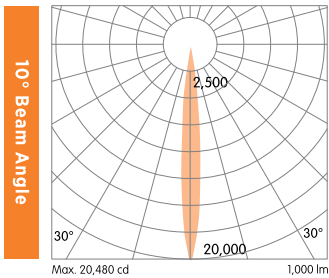
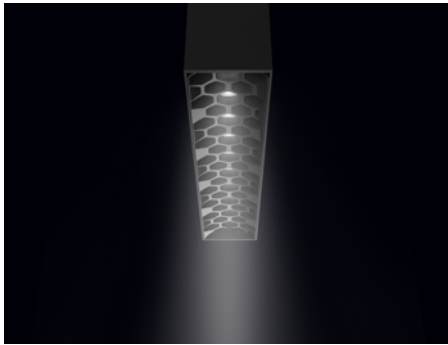
Consult factory for systems using multiple optics and mounting configurations.



Bold Lighting
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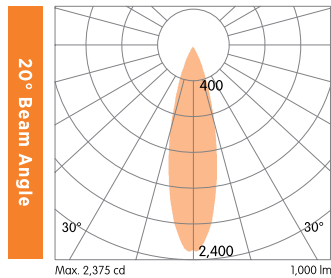
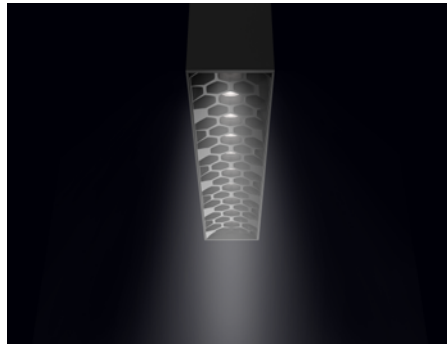
OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION



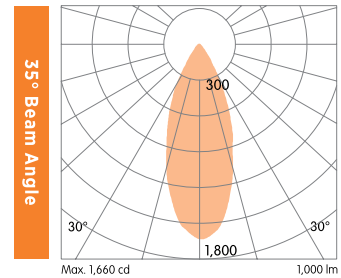
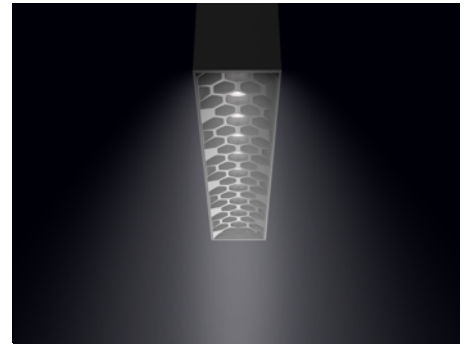
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW DISTRIBUTION



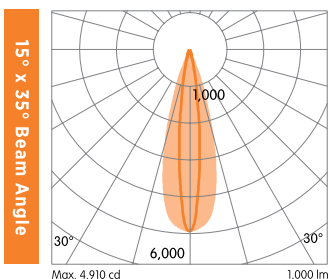
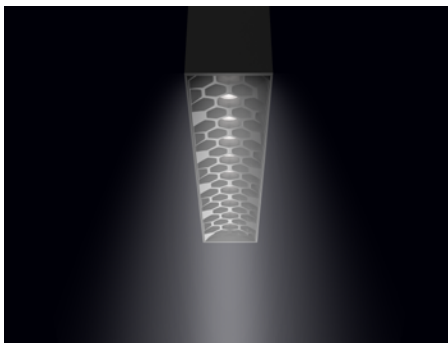
The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

MEDIUM DISTRIBUTION



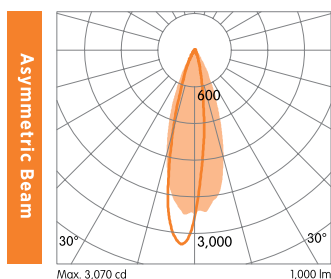
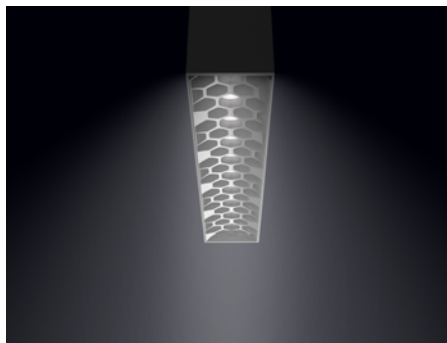
The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

ELLIPTICAL BEAM DISTRIBUTION



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

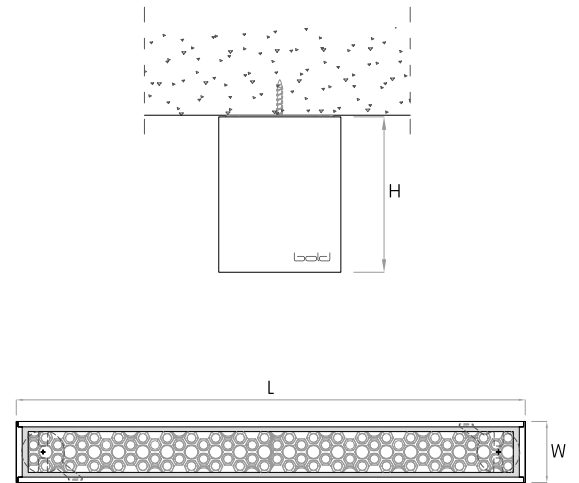
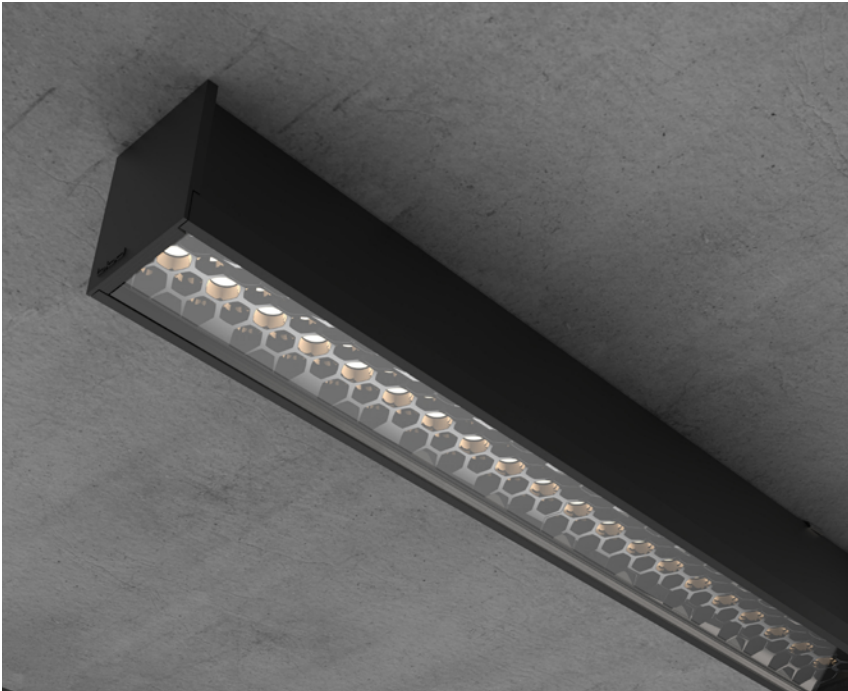
ASYMMETRIC DISTRIBUTION



The asymmetric distribution is ideal for illuminating surfaces not centered with the profile position in the ceiling. It helps solve issues of alignment in challenging spaces.

MOUNTING FLEXIBILITY

SURFACE MOUNTED



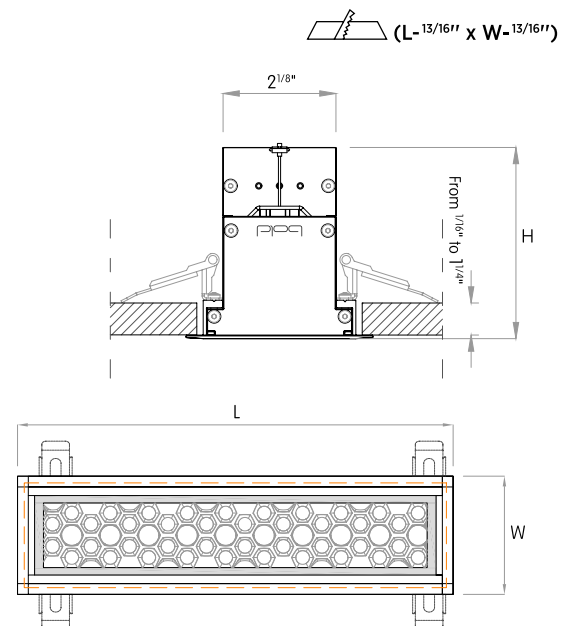
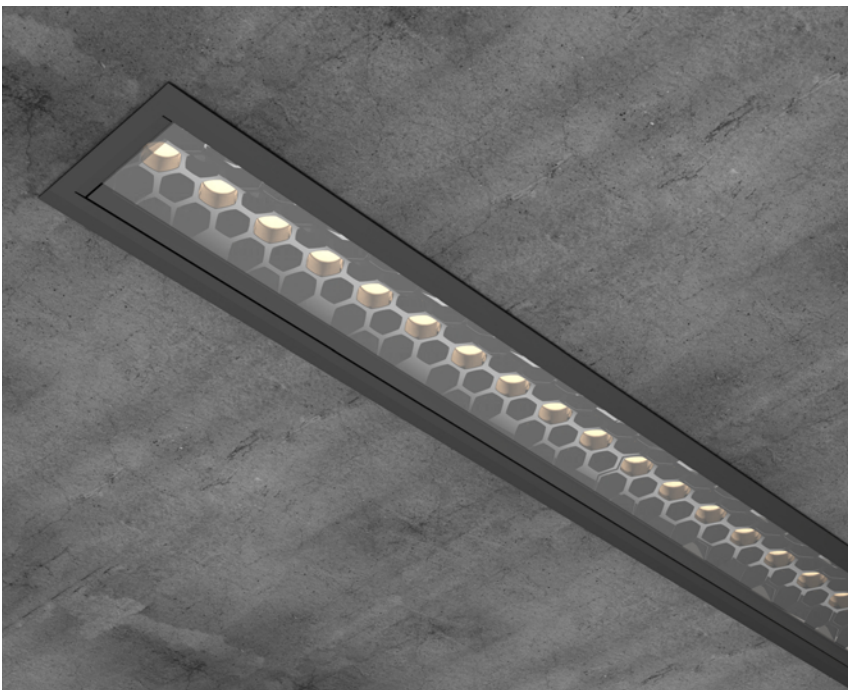
Actual

L= 23^{9/16"} | 34^{7/8"} | 46^{3/16"} | 57^{1/2"} | Continuous runs

W= 2^{13/16"}

H= 3^{9/16"}

RECESSED WITH TRIM



Actual

L= 12^{3/4"} | 24" | 35^{3/8"} | 46^{5/8"} | 57^{15/16"} | Continuous runs

W= 3^{7/16"}

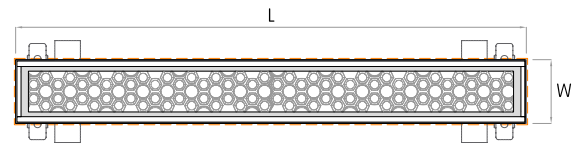
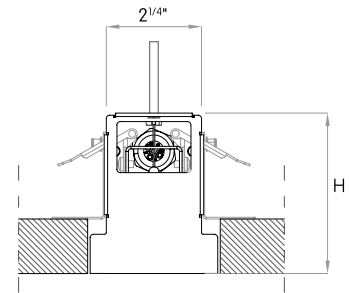
H= 3^{9/16"}

MOUNTING FLEXIBILITY

RECESSED TRIMLESS



$$\left(L + \frac{1}{16}'' \times W + \frac{1}{16}'' \right)$$



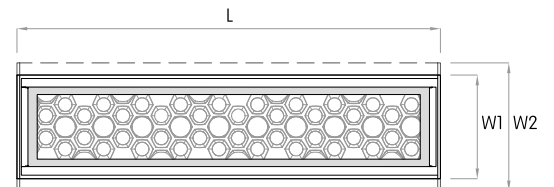
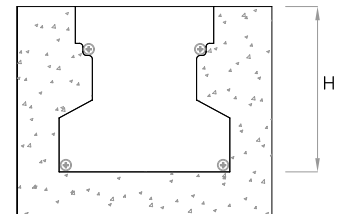
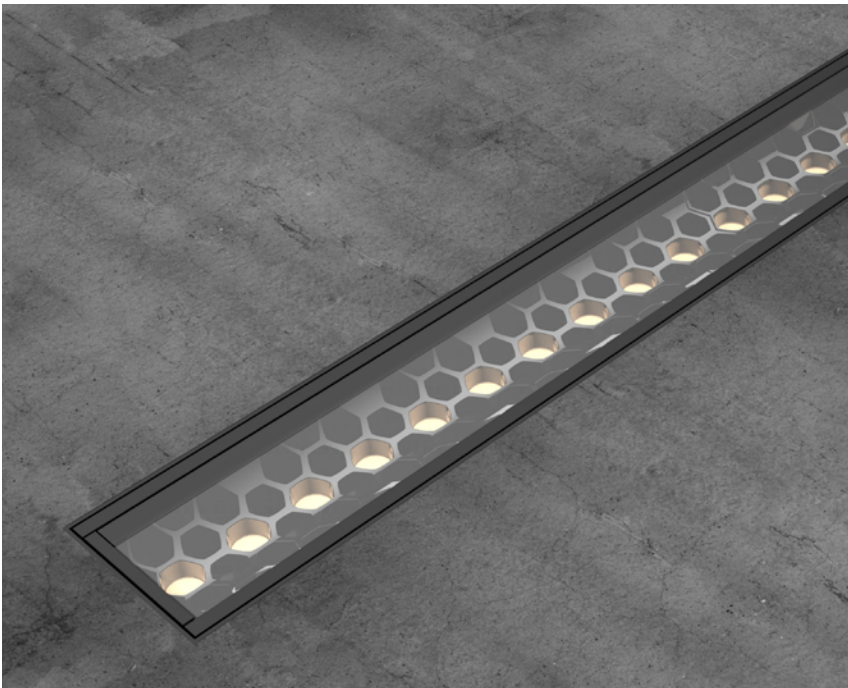
Actual

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

W = 2^{5/16}"

H = 3^{11/16}"

INGROUND



Actual

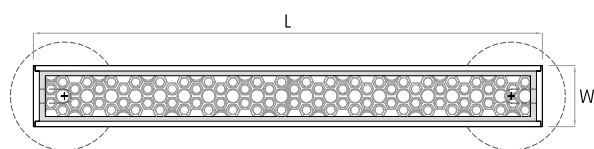
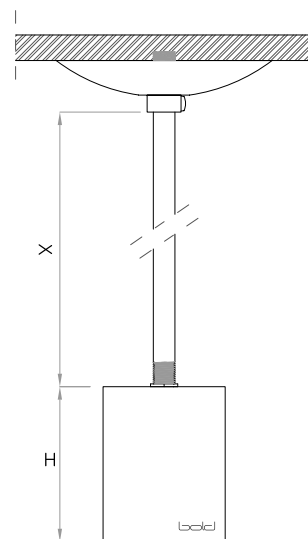
L = 12^{3/8}" | 23^{11/16}" | 35" | 46^{3/8}" | 57^{9/16}" | Continuous runs

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		
L	9W						950lm		
V	18W						1470lm		
TUNABLE WHITE 2700K-5000K									
L	9W		1020lm				1020lm		
V	18W		1570lm				1570lm		

DIMENSIONS TABLE

					12"		24"		36"		48"		60"	
Height			Width		Actual Length		Actual Length		Actual Length		Actual Length		Actual Length	
Surface Mounted	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
	91	3 9/16	72	2 13/16			599	23 9/16	886	34 7/8	1173	46 3/16	1460	57 1/2
Recessed with Trim	91	3 9/16	88	3 7/16	324	12 3/4	611	24	898	35 3/8	1185	46 5/8	1472	57 15/16
Recessed Trimless	93	3 11/16	75	2 15/16			601	23 11/16	888	35	1175	46 3/8	1462	57 9/16
Pendant	91	3 9/16	72	2 13/16			599	23 9/16	886	34 7/8	1173	46 3/16	1460	57 1/2
Inground (with housing)	92	3 5/8	95	3 3/4	314	12 3/8	601	23 11/16	888	35	1175	46 3/8	1462	57 9/16

