

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 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 : IP67 Inground
IP66 Ceiling Recessed
IK Rating : IK10
Chicago plenum rated

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 119lm/ft. to 842lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)
Color Rendering Index : Ra90

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 22W/ft.
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

INSTALLATION

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

OPTICS

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

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

Series	Mounting	Nominal Length ¹
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

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	L ²	259lm/ft (4W)	1	120V	A	No Dimming	W	Flat White	S	10°	9	+90	27	2700K	0	No
G	Grey	M ²	432lm/ft (9W)	U ⁴	Universal 120V to 277V	B	0-10V to 1%	B	Flat Black	M	20°			30	3000K	9	90 mins
W	White	H ²	632lm/ft (15W)			C	0-10V to Fade-off	N	Black Nickel	F	35°			35	3500K		
X	Custom RAL	V ²	772lm/ft (19W)			D	DALI to 1%	C	Specular Chrome	W	50°			40	4000K		
		U ³	135lm/ft (12W)			E	ELV Dimming	G	Bright Gold	E	10°x 40°			TW 2700K - 5000K			
		A ³	221lm/ft (22W)			F	DMX	E	Diffuse Gold	E	25°x 50°						
						G ⁵	LUTRON	X	Custom								

Notes:

¹ 6" 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.

Consult factory for lead-times.

Consult factory for systems using multiple optics and mounting configurations.



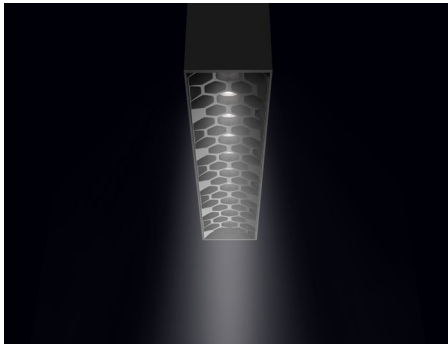
Bold Lighting

4710 Ecton Dr., Marietta, GA 30066, USA

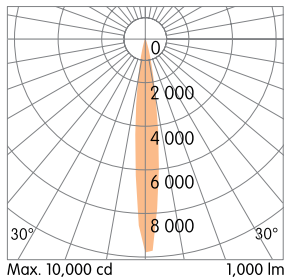
info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION

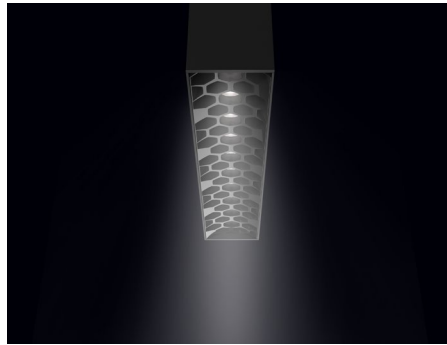


10° Beam Angle

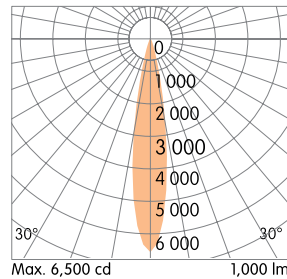


A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW DISTRIBUTION

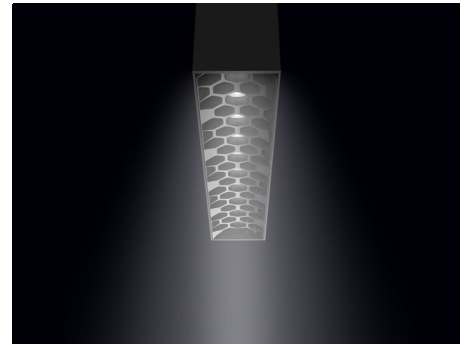


20° Beam Angle

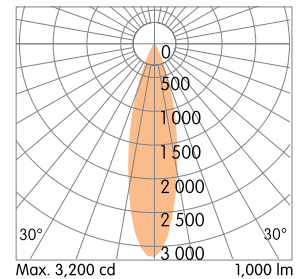


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

MEDIUM DISTRIBUTION

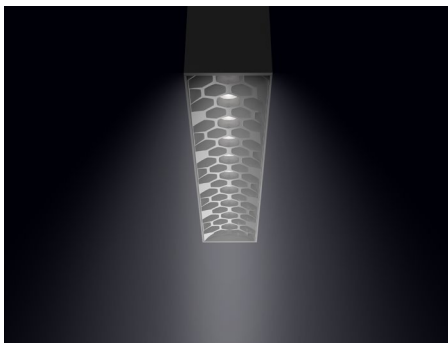


35° Beam Angle

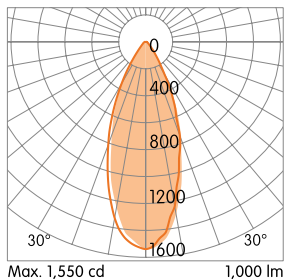


The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

WIDE BEAM DISTRIBUTION

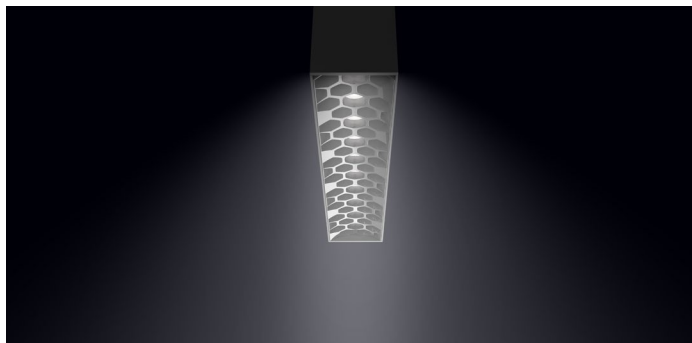


50° Beam Angle

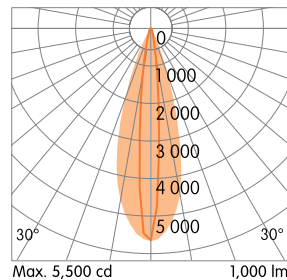


The 50° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

ELLIPTICAL BEAM DISTRIBUTION

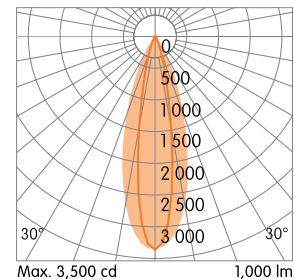


10° x 40° Beam Angle



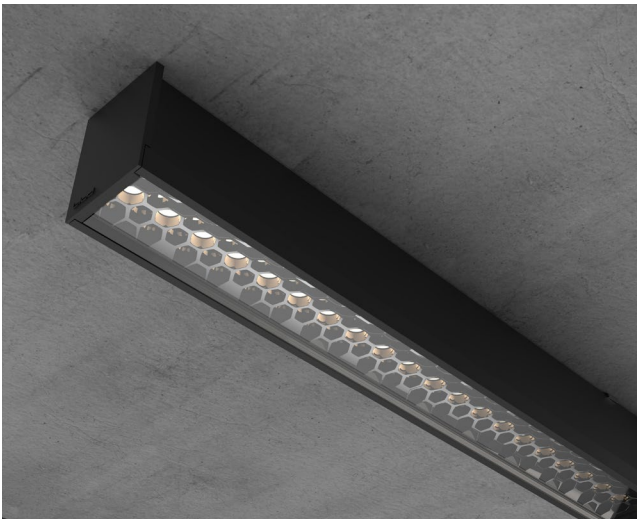
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



MOUNTING FLEXIBILITY

SURFACE MOUNTED



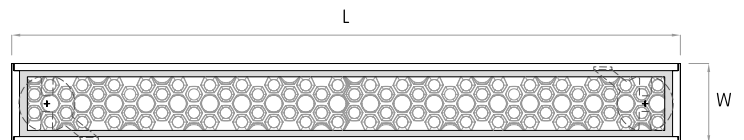
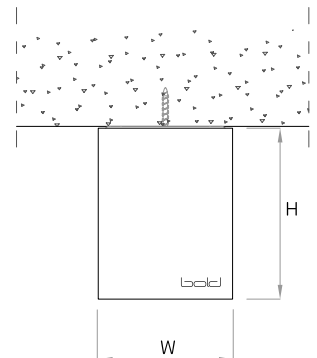
Actual

L= 24^{1/2"} | 36^{5/16"} | 48^{1/8"} | 59^{5/16"} |

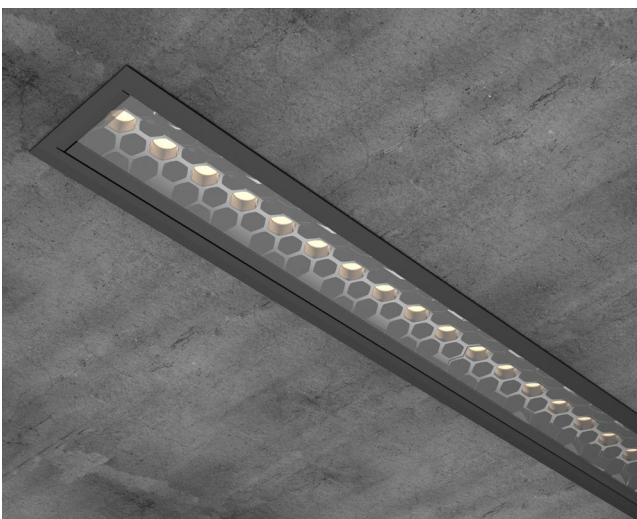
Continuous runs

W= 2^{13/16"}

H= 3^{9/16"}



RECESSED WITH TRIM



(L-13/16" x W-13/16")

Actual

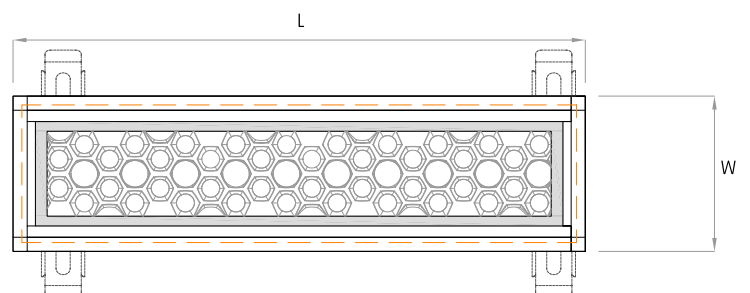
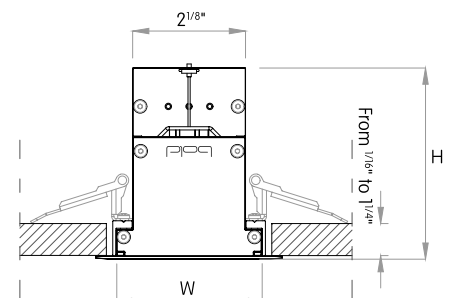
L= 13^{3/16"} | 25" | 36^{13/16"} |

48^{5/8"} | 60^{7/16"} |

Continuous runs

W= 3^{7/16"}

H= 3^{9/16"}



MOUNTING FLEXIBILITY

RECESSED TRIMLESS



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

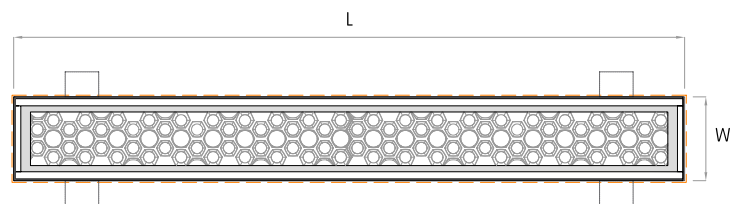
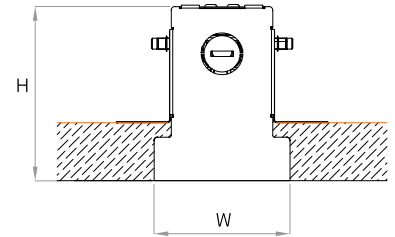
Actual

$L = 24\frac{5}{8}'' \mid 36\frac{3}{8}'' \mid 48\frac{1}{4}'' \mid 60''$

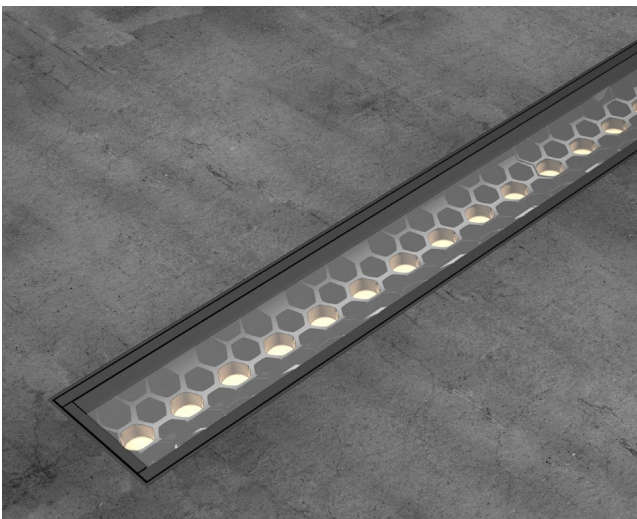
Continuous runs

$W = 2\frac{15}{16}''$

$H = 3\frac{11}{16}''$



INGROUND



Actual

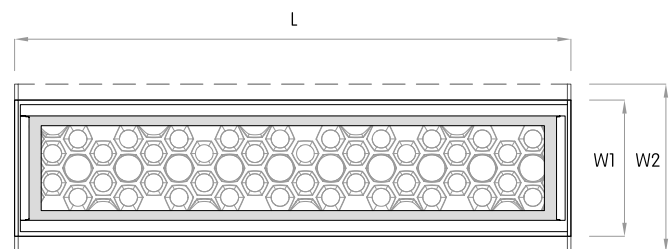
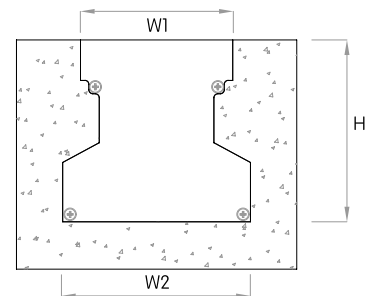
$L = 12\frac{13}{16}'' \mid 24\frac{5}{8}'' \mid 36\frac{7}{16}'' \mid$

$48\frac{1}{4}'' \mid 60''$

Continuous runs

$W1 = 3'' \mid W2 = 3\frac{3}{4}''$

$H = 3\frac{5}{8}''$



MOUNTING FLEXIBILITY

PENDANT



Actual

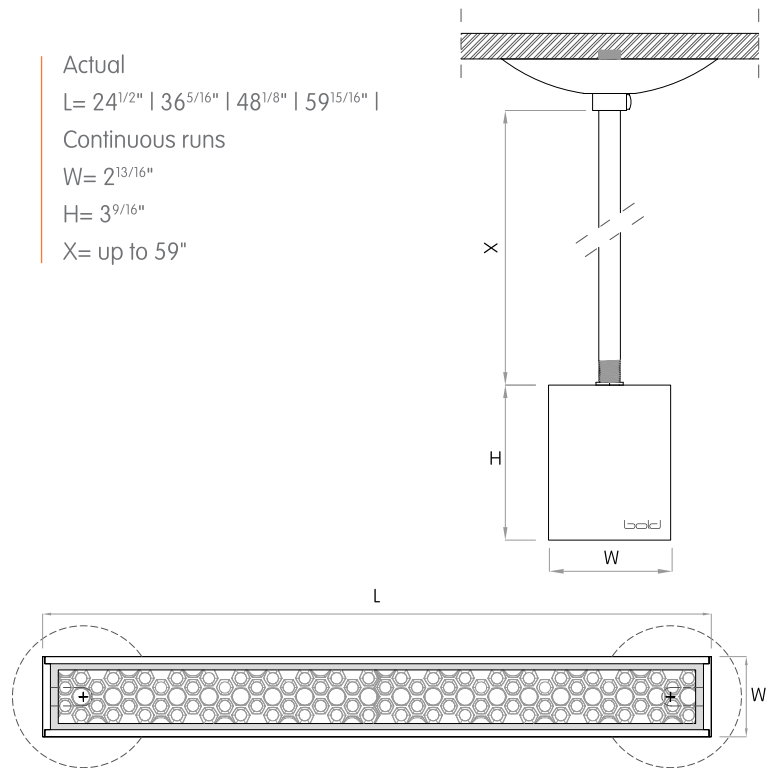
$L = 24\frac{1}{2}'' \mid 36\frac{5}{16}'' \mid 48\frac{1}{8}'' \mid 59\frac{15}{16}'' \mid$

Continuous runs

$W = 2\frac{13}{16}''$

$H = 3\frac{9}{16}''$

$X = \text{up to } 59''$



DELIVERED LUMEN OUTPUT

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	4W	250lm	259lm	272lm	281lm
M	9W	416lm	432lm	454lm	470lm
H	15W	608lm	632lm	663lm	691lm
V	19W	744lm	772lm	811lm	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		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			623	24 1/2	923	36 5/16	1223	48 1/8	1523	59 15/16
Recessed with Trim	91	3 9/16	88	3 7/16	335	13 3/16	635	25	935	36 13/16	1235	48 5/8	1535	60 7/16
Recessed Trimless	93	3 11/16	75	2 15/16			625	24 5/8	925	36 3/8	1225	48 1/4	1525	60
Pendant	91	3 9/16	72	2 13/16			623	24 1/2	923	36 5/16	1223	48 1/8	1523	59 15/16
Inground (with housing)	92	3 5/8	95	3 3/4	325	12 13/16	625	24 5/8	925	36 7/16	1225	48 1/4	1525	60