

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 : Mid-Power LEDs
Luminous Output : from 128lm/ft. to 586lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K
4000K / Tunable White (2700K-5000K) /
Dim-to-Warm (3000K-1800K)
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 : 70° diffuse
Glare Control : UGR<19

Code example: **BHO**-P12W-L1B-W-L927-0

Series	Mounting	Nominal Length ¹
BHO	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	L² 139lm/ft (4W)	1 120V U⁵ Universal 120V to 277V	A No Dimming	W Flat White	L Opal	9 +90	27 2700K	0 No 9 90 mins
G Grey	M² 273lm/ft (9W)		B 0-10V to 1%	B Flat Black			30 3000K	
W White	H² 441lm/ft (15W)		C 0-10V to Fade-off	N Black Nickel			35 3500K	
X Custom RAL	V² 545lm/ft (19W)		D DALI to 1%	C Specular Chrome			40 4000K	
	D³ 346lm/ft (12.5W)		E ELV Dimming	G Bright Gold			WD 3000K-1800K	
	W³ 470lm/ft (18W)		F DMX	E Diffuse Gold			TW 2700K-5000K	
	U⁴ 145lm/ft (12W)		G⁶ LUTRON	X Custom				
	A⁴ 238lm/ft (22W)							

Notes:

- ¹ 6" length increments available as a modification.
² Denotes output at 3000K, unless otherwise noted.
³ Denotes output specific to Dim-to-Warm at 3000K.
⁴ Denotes output specific to Tunable White at full on.
⁵ Not applicable for ELV dimming.
⁶ Hi-Lume, Vive, and Athena compatible.

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



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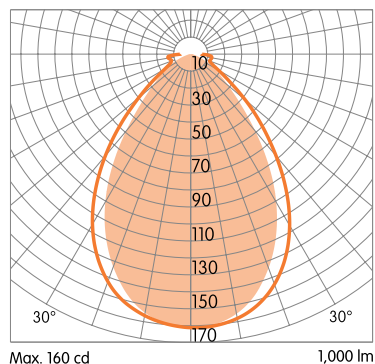
OPTICAL FLEXIBILITY

DIFFUSE DISTRIBUTION



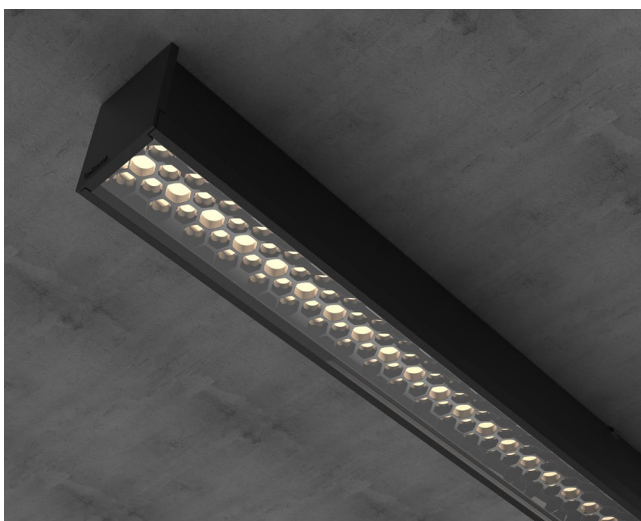
The diffuse distribution is the most versatile distribution for general lighting. It offers a soft and even illumination on both horizontal and vertical surfaces.

70° Beam Angle (Diffuse distribution)



MOUNTING FLEXIBILITY

SURFACE MOUNTED



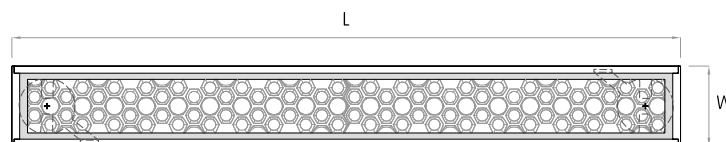
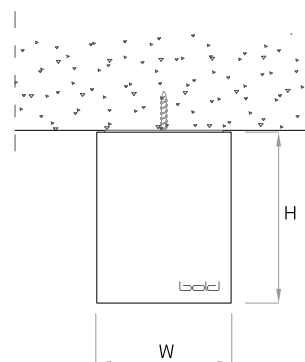
Actual

L= 24¹/₂" | 36⁵/₁₆" | 48¹/₈" | 59⁵/₁₆" |

Continuous runs

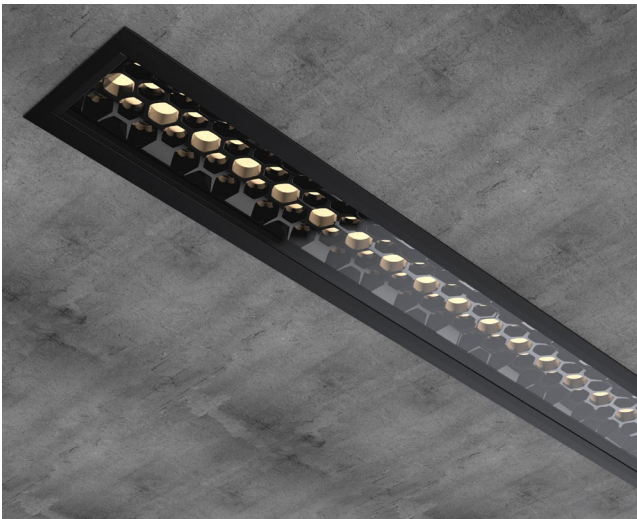
W= 2¹³/₁₆"

H= 3⁹/₁₆"



MOUNTING FLEXIBILITY

RECESSED WITH TRIM



 ($L-13/16''$ x $W-13/16''$)

Actual

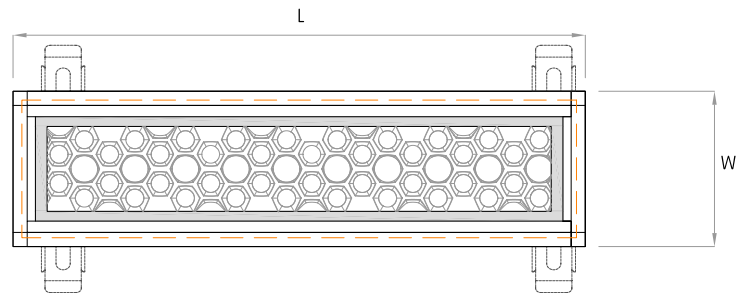
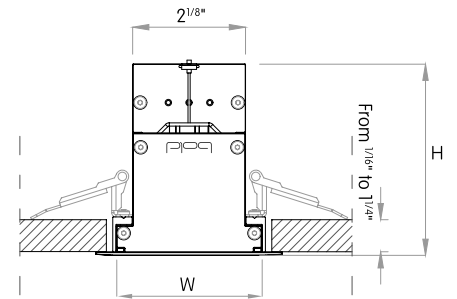
$L=13\frac{3}{16}''$ | $25''$ | $36\frac{13}{16}''$ |

$48\frac{5}{8}''$ | $60\frac{7}{16}''$ |

Continuous runs

$W=3\frac{7}{16}''$

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



RECESSED TRIMLESS



 ($L+1/16''$ x $W+1/16''$)

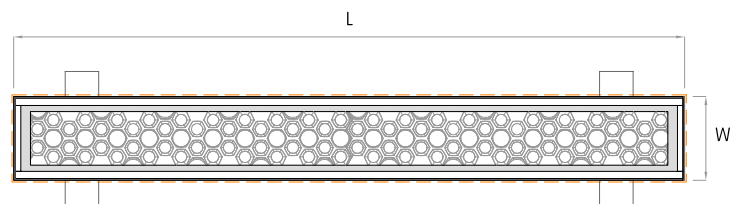
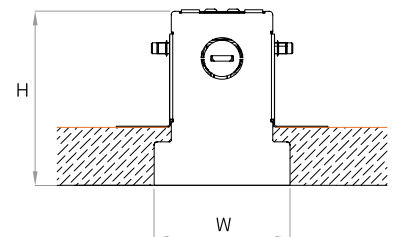
Actual

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

Continuous runs

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

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



MOUNTING FLEXIBILITY

INGROUND



Actual

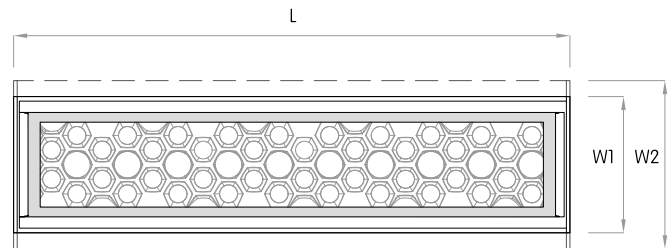
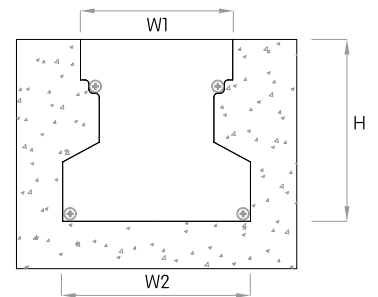
$L = 12^{13/16}" \mid 24^{5/8}" \mid 36^{7/16}" \mid$

$48^{1/4}" \mid 60"$

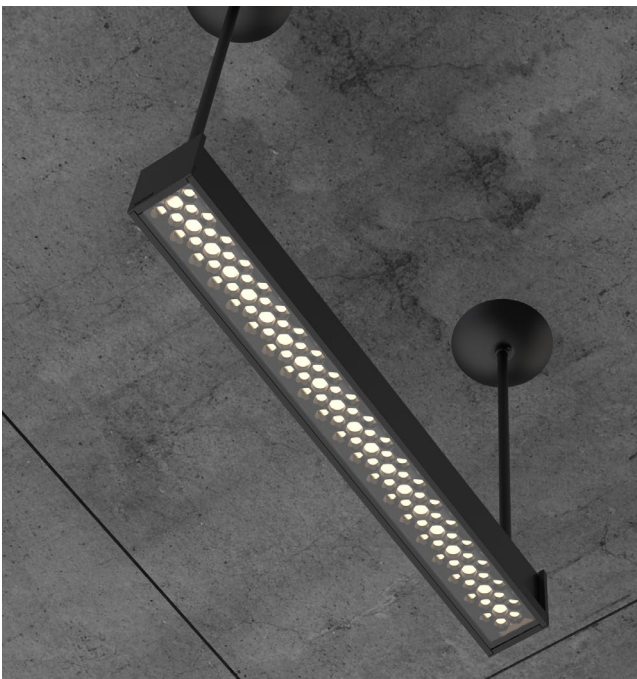
Continuous runs

$W1 = 3" \mid W2 = 3^{3/4}"$

$H = 3^{5/8}"$



PENDANT



Actual

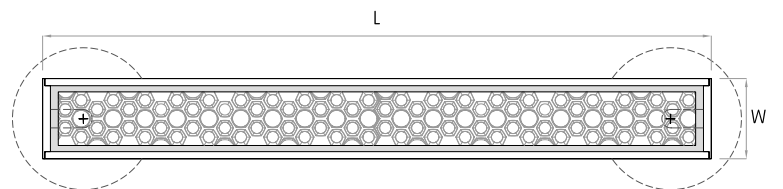
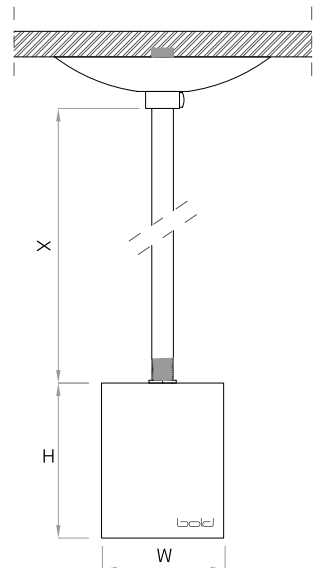
$L = 24^{1/2}" \mid 36^{5/16}" \mid 48^{1/8}" \mid 59^{15/16}" \mid$

Continuous runs

$W = 2^{13/16}"$

$H = 3^{9/16}"$

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



DELIVERED LUMEN OUTPUT

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	4W	133lm	139lm	146lm	151lm
M	9W	261lm	273lm	286lm	296lm
H	15W	418lm	441lm	463lm	470lm
V	19W	522lm	545lm	572lm	586lm

DIM-TO-WARM 3000K-1800K		3000K
D	12.5W	346lm
W	18W	470lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	12W	128lm	145lm
A	22W	215lm	238lm

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