

BILLET

HONEYCOMB OPAL INTEGRAL - 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 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

Drive Over Rating : Billet Inground is designed to bear static loads up to 2500 lbs. from vehicles with pneumatic tires. This product is not intended to be used for traffic lanes. Chicago plenum rated

OPTICS

Optical Distribution : 70° diffuse
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Mid-Power LEDs
Luminous Output : from 155lm/ft. to 660lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

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 : 5W/ft. to 20W/ft.
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

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 Inground "I" and Recessed Trimless "T" mountings, the housings will show on the price quote and order as a separate item to allow us to ship them ahead of the fixtures if required by the contractor.

For custom lengths and shapes, consult factory.
 For exact lengths refer to dimensions table.

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

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 165lm/ft (5W)	1 120V	A No Dimming	W Flat White	L Opal	9 +90	27 2700K	0 No
G Grey	M² 330lm/ft (10W)	U⁴ Universal 120 to 277V	B 0-10V to 1%	B Flat Black			30 3000K	
W White	H² 495lm/ft (15W)		D DALI to 1%	N Black Nickel			35 3500K	
X Custom RAL	V² 630lm/ft (20W)		E ELV Dimming	C Specular Chrome			40 4000K	
	U³ 345lm/ft (10W)		F DMX	E Diffuse Gold			TW 2700K - 5000K	
	A³ 660lm/ft (20W)	G⁵ 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.



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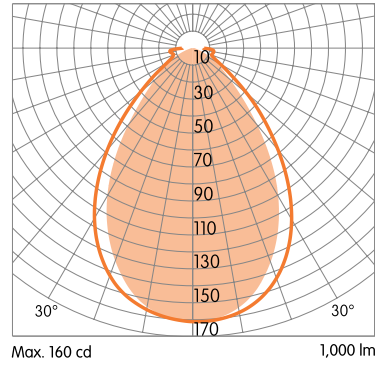
OPTICAL FLEXIBILITY

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)

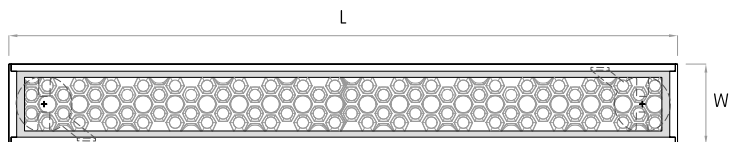
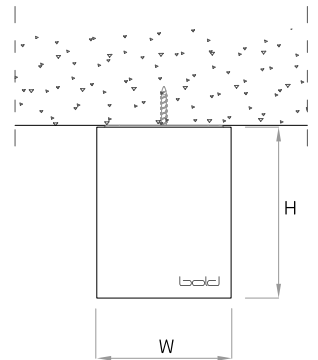


MOUNTING FLEXIBILITY

SURFACE MOUNTED




Actual
 L= 24^{1/2}" | 36^{5/16}" | 48^{1/8}" | 59^{5/16}" |
 Continuous runs
 W= 2^{13/16}"
 H= 3^{9/16}"



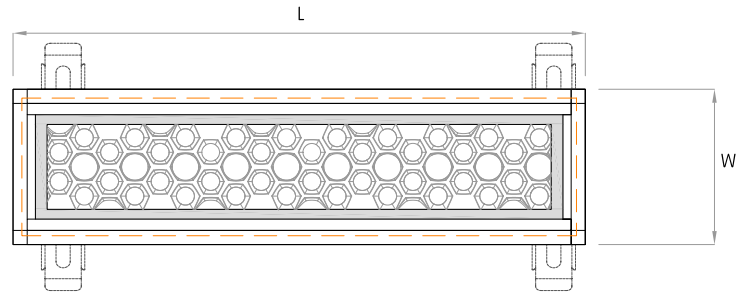
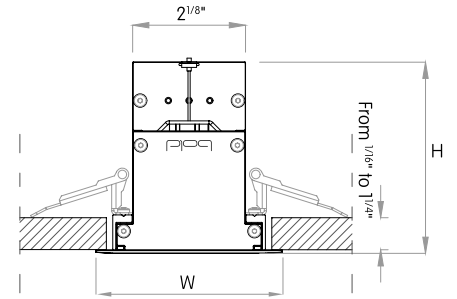
MOUNTING FLEXIBILITY

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}"

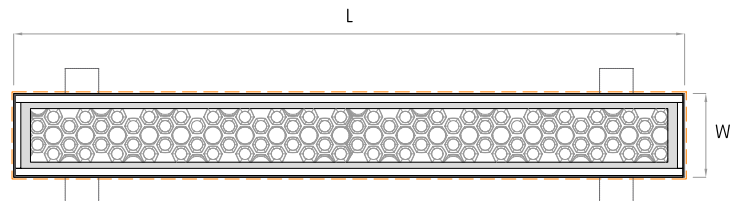
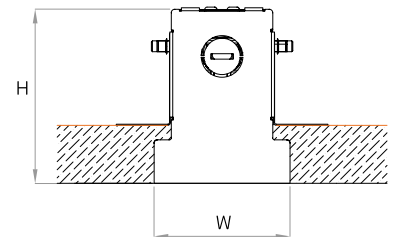


RECESSED TRIMLESS



 (L+1/16" x W+1/16")

Actual
 L= 24^{5/8}" | 36^{3/8}" | 48^{1/4}" | 60" |
 Continuous runs
 W= 2^{15/16}"
 H= 3^{13/16}"

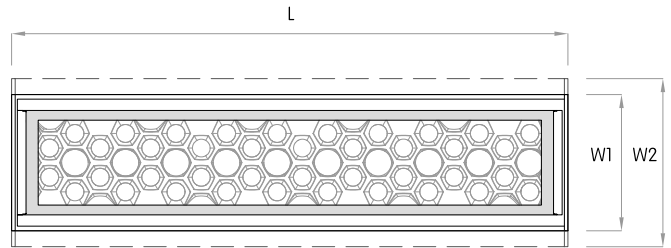
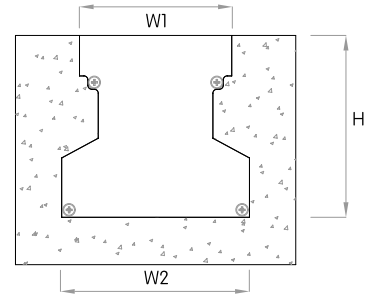


MOUNTING FLEXIBILITY

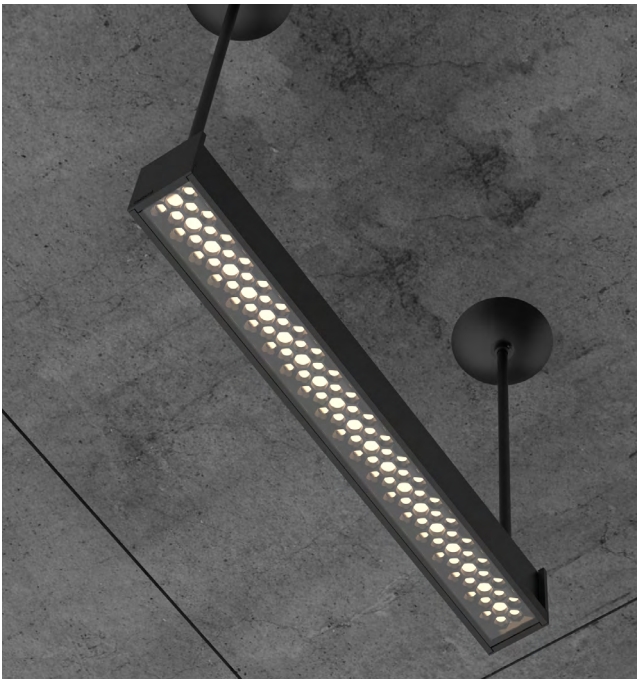
INGROUND



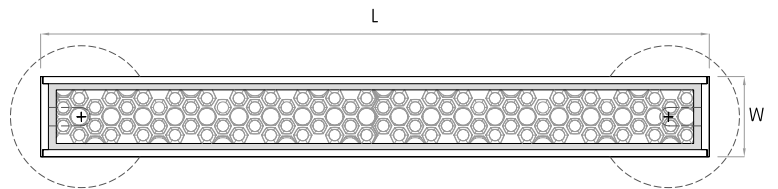
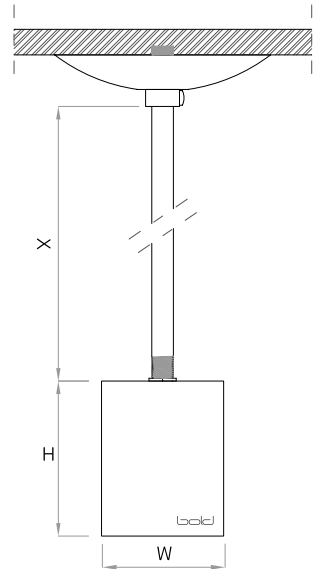
Actual
 $L = 12^{13/16}'' \mid 24^{5/8}'' \mid 36^{7/16}'' \mid$
 $48^{1/4}'' \mid 60'' \mid$
 Continuous runs
 $W1 = 3'' \mid W2 = 3^{3/4}''$
 $H = 3^{5/8}''$



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

Per Linear Foot

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	155 lm	165 lm	170 lm	170 lm
M	10W	310 lm	330 lm	340 lm	345 lm
H	15W	465 lm	495 lm	510 lm	520 lm
V	20W	595 lm	630 lm	650 lm	660 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	310 lm	345 lm
A	20W	595 lm	660 lm

DIMENSIONS TABLE

		12"		24"		36"		48"		60"					
		Height		Width		Actual Length									
		mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch		
Surface Mounted		91	3 9/16	72	2 13/16			622	24 1/2	922	36 5/16	1222	48 1/8	1522	59 15/16
Recessed with Trim		91	3 9/16	88	3 7/16	335	13 3/16	634	25	934	36 13/16	1234	48 5/8	1534	60 7/16
Recessed Trimless		97	3 13/16	75	2 15/16			6245	24 5/8	924	36 3/8	1224	48 1/4	1524	60
Pendant		91	3 9/16	72	2 13/16			622	24 1/2	922	36 5/16	1222	48 1/8	1522	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

