

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 505lm/m to 2175lm/m (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 : 220-240V / UNV 120-277V - 50Hz/60Hz
Load : 16W/m to 66W/m
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron
 Hi-Lume
Code Compliance : ETL / CSA / CE

Code example: **BHO**-P12W-L2B-W-L927-0

Series	Mounting	Nominal Length ¹
BHO	R Recessed with Trim	12 300 mm
	T Recessed Trimless*	24 600 mm
	S Surface Mounted	36 900 mm
	P Pendant	48 1200 mm
	I Inground*	60 1500 mm
	XX Custom mm	

* 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.

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 535lm/m (16W)	2 220-240V	A No Dimming	W Flat White	L Opal	9 +90	27 2700K	0 No
G Grey	M² 1075lm/m (33W)	U⁴ Universal 120 to 277V	B 0-10V to 1%	B Flat Black			30 3000K	
W White	H² 1615lm/m (49W)		D DALI to 1%	N Black Nickel			35 3500K	
X Custom RAL	V² 2070lm/m (66W)		E ELV Dimming	C Specular Chrome			40 4000K	
	U³ 1130lm/m (33W)		F DMX	E Diffuse Gold			TW 2700K - 5000K	
	A³ 2175lm/m (66W)	G⁵ LUTRON	X Custom					

Notes:
¹ 150 mm 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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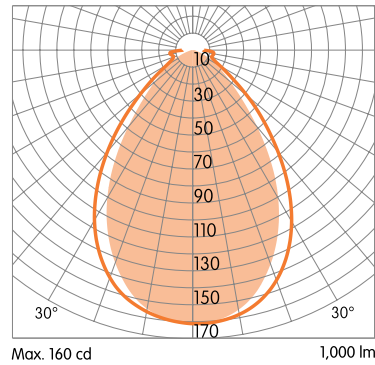
OPTICAL FLEXIBILITY

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)



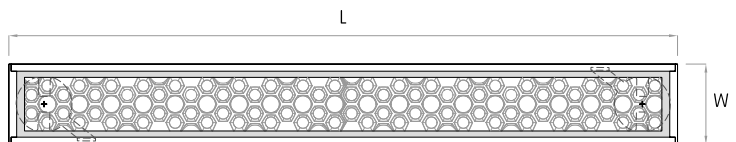
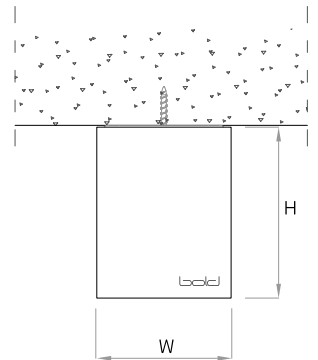
MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED




Actual (mm)
L= 622 | 922 | 1222 | 1522 |
Continuous runs
W= 72
H= 91



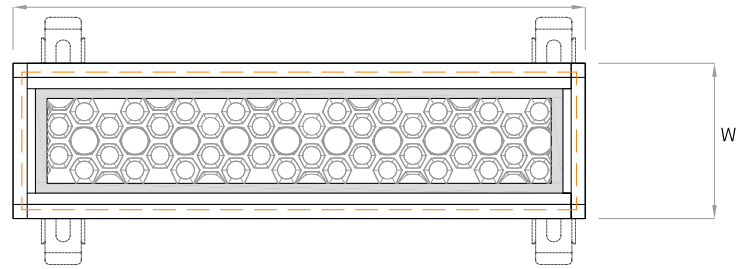
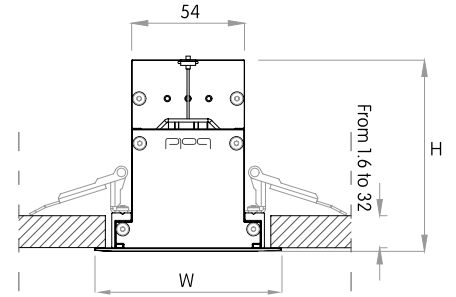
MOUNTING FLEXIBILITY
Per Millimeter

RECESSED WITH TRIM




 (L-20 x W-20)

Actual (mm)
L= 334 | 634 | 934 | 1234 |
1534 | Continuous runs
W= 80
H= 91

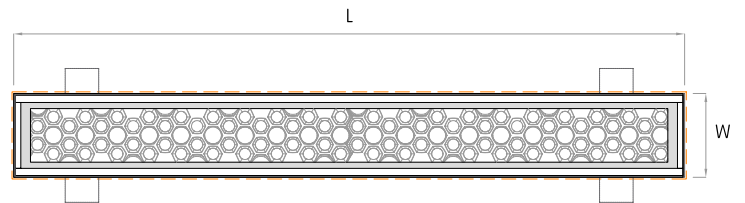
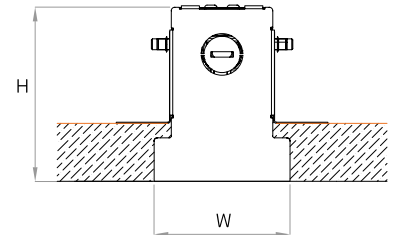


RECESSED TRIMLESS



 (L+1.6 x W+1.6)

Actual (mm)
L= 624 | 924 | 1224 | 1524 |
Continuous runs
W= 75
H= 97

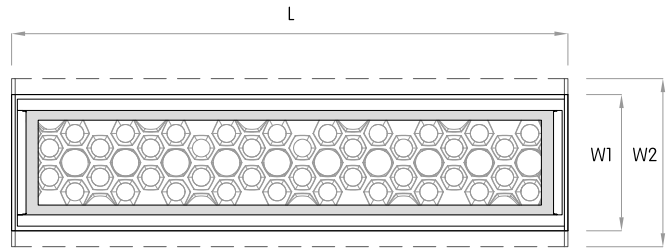
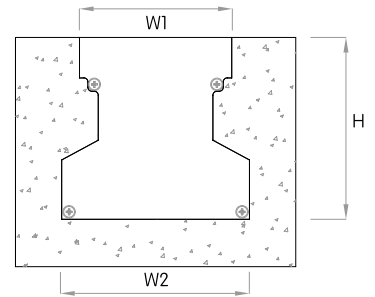


MOUNTING FLEXIBILITY
Per Millimeter

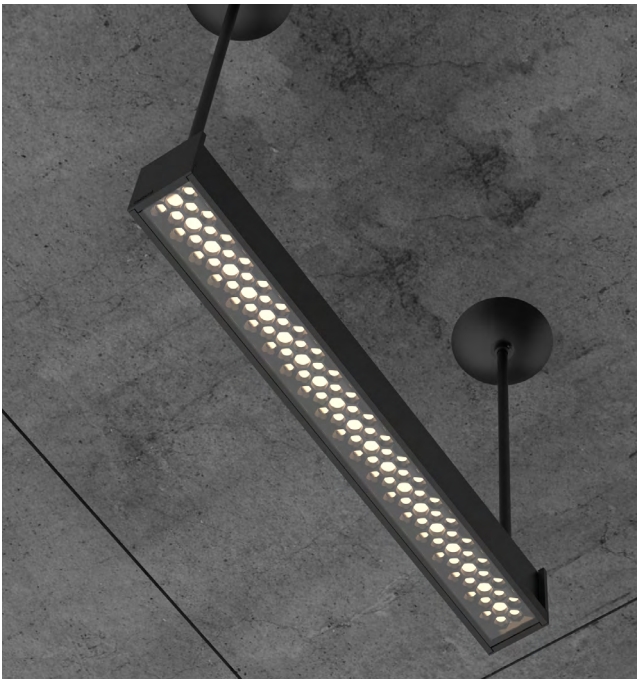
INGROUND



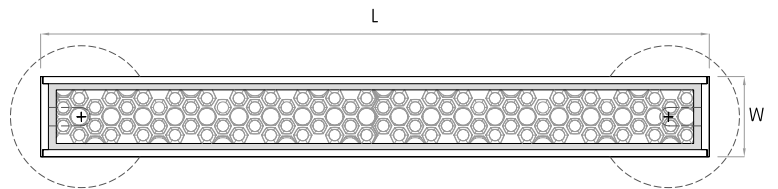
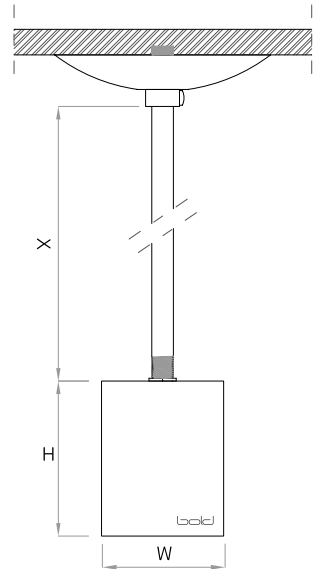
Actual (mm)
L= 325 | 625 | 925 | 1225 |
1525 | Continuous runs
W1= 77 | W2= 95
H= 92



PENDANT



Actual (mm)
L= 622 | 922 | 1222 | 1522 |
Continuous runs
W= 72
H= 91
X= 1500



DELIVERED LUMEN OUTPUT

Per Meter

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	505 lm	535 lm	550 lm	565 lm
M	33W	1020 lm	1075 lm	1110 lm	1130 lm
H	49W	1530 lm	1615 lm	1665 lm	1700 lm
V	66W	1955 lm	2070 lm	2130 lm	2175 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	1020 lm	1130 lm
A	66W	1955 lm	2175 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			624	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

