

BILLET

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 Opal delivers bold vertical and horizontal illumination perfect for ambient lighting and washing. 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

INSTALLATION

Environment : Wet Location

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

OPTICS

Optical Distribution : Lambertian
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Mid-Power LEDs
Luminous Output : from 975lm/m to 4185lm/m (Delivered)
Light Source CCT : 2700K / 3000K / 3500K 4000K / Tunable White (2700K-5000K)
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

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: **BOO** - P12W - L2B - O - L927 - 0

Series	Mounting	Nominal Length ¹
BOO	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
	W Wall Mounted	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	Diffuser	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 1030lm/m (16W)	2 220-240V	A No Dimming	O Opal	L Opal	9 +90	27 2700K	0 No
G Grey	M² 2075lm/m (33W)	U⁴ Universal 120 to 277V	B 0-10V to 1%				30 3000K	
W White	H² 3115lm/m (49W)		D DALI to 1%				35 3500K	
X Custom RAL	V² 3985lm/m (66W)		E ELV Dimming				40 4000K	
	U³ 2180lm/m (33W)		F DMX				TW 2700K - 5000K	
	A³ 4185lm/m (66W)		G⁵ LUTRON					

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.



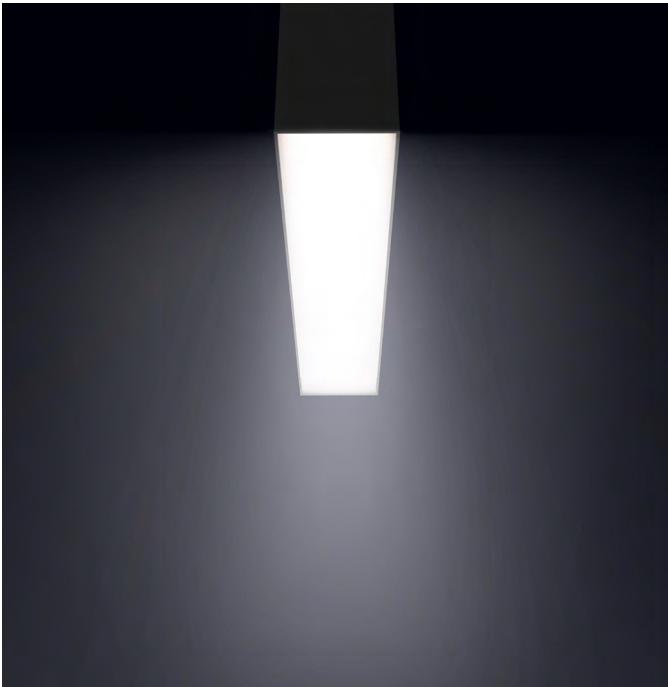
Bold Lighting

4710 Ecton Dr., Marietta, GA 30066, USA

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

OPTICAL FLEXIBILITY

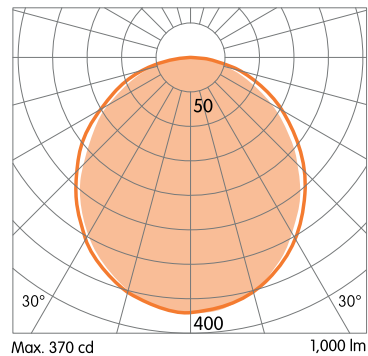
LAMBERTIAN DISTRIBUTION



Lambertian distributions are optimal for general lighting, providing a soft and uniform illumination on both horizontal and vertical surfaces.

Billet's opal lens is ideal for commercial, retail, institutional, and any other environment where comfortable and even illumination is needed.

120° Beam Angle (Lambertian)



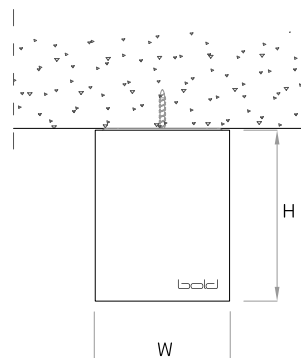
MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED



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

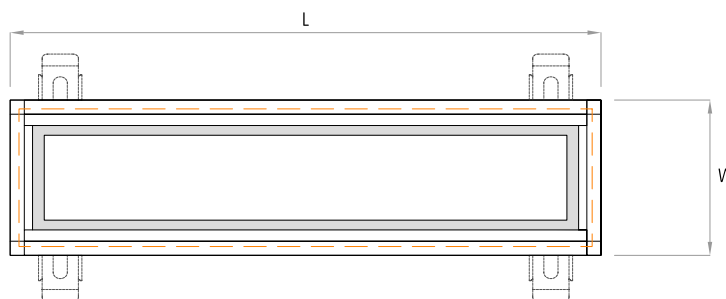
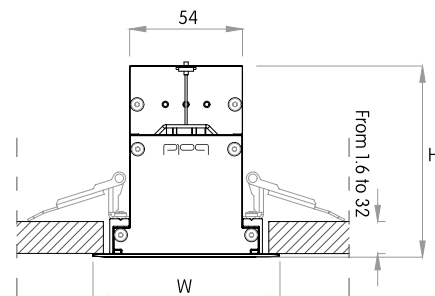


RECESSED WITH TRIM



 (L-20 x W-20)

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



MOUNTING FLEXIBILITY

Per Millimeter

RECESSED TRIMLESS



 (L+1.6 x W+1.6)

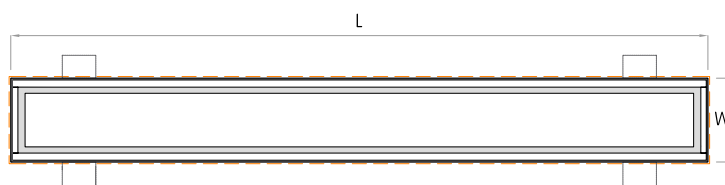
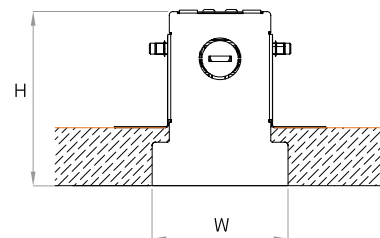
Actual (mm)

L= 624 | 924 | 1224 | 1524 |

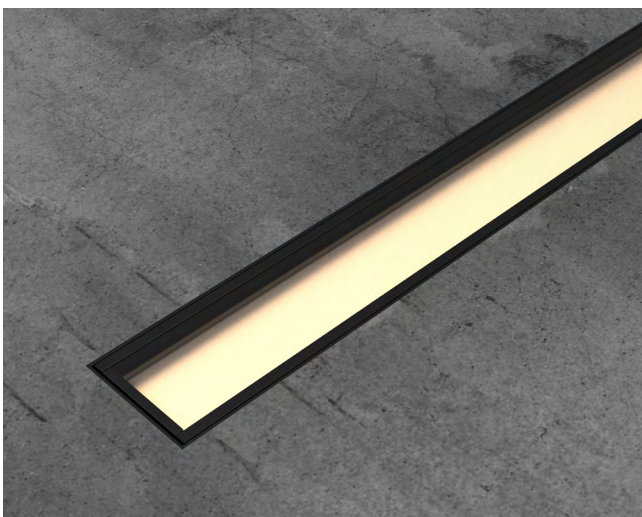
Continuous runs

W= 75

H= 97



INGROUND



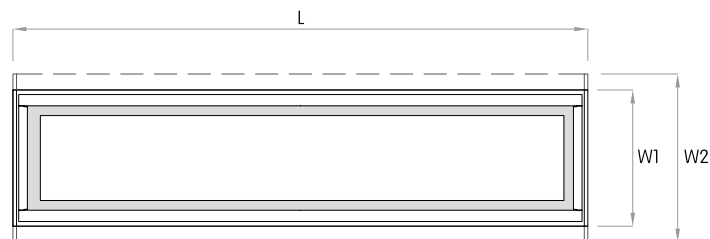
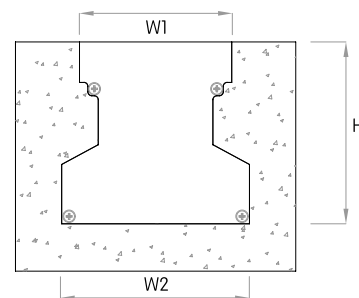
Actual (mm)

L= 325 | 625 | 925 | 1225 |

1525 | Continuous runs

W1= 77 | W2= 95

H= 92

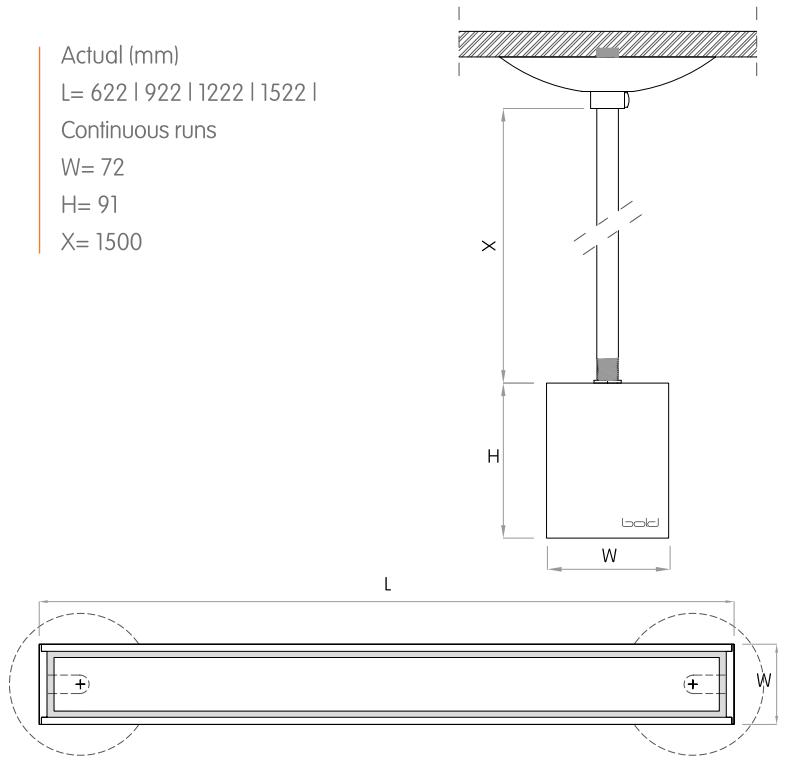


MOUNTING FLEXIBILITY
Per Millimeter

PENDANT



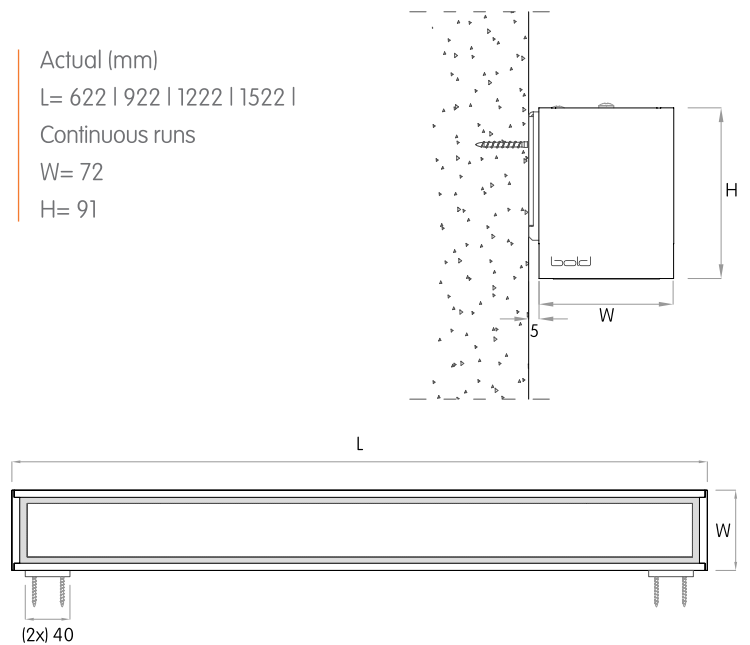
Actual (mm)
L= 622 | 922 | 1222 | 1522 |
Continuous runs
W= 72
H= 91
X= 1500



WALL MOUNTED



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



DELIVERED LUMEN OUTPUT

Per Meter

Output	Watts	CRI +90			
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STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	975 lm	1030 lm	1065 lm	1085 lm
M	33W	1960 lm	2075 lm	2140 lm	2180 lm
H	49W	2945 lm	3115 lm	3210 lm	3270 lm
V	66W	3765 lm	3985 lm	4105 lm	4185 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	1960 lm	2180 lm
A	66W	3765 lm	4185 lm

DIMENSIONS TABLE

					12"		24"		36"		48"		60"	
	Height		Width		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			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
Wall 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