

BILLET

INDOOR WALLWASHER - INTEGRAL

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 Wallwasher delivers unmatched vertical illumination with virtually zero 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 : IP20
Chicago plenum rated

INSTALLATION

Environment : Dry / Damp Location
Mounting : Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless) / Millwork / Surface Mounted / Pendant
Dimensions : Refer to dimension table

OPTICS

Optical Distribution : Wallwash

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 375lm/ft. to 1435lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K) / Dim-to-Warm (3000K-1800K) / RGBW
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

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
BIW	R Recessed with Trim	12 12"
	T Recessed Trimless	24 24"
	S Surface Mounted	36 36"
	P Pendant	48 48"
	M Millwork	60 60"
	W Wall Mounted	XX Custom in

Code example: **BIW** - P12W - L1B - W - W927 - 0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 430lm/ft (5W)	1 120V	A No Dimming	W Flat White	W Washer	9 +90	27 2700K	0 No
G Grey	M² 740lm/ft (10W)	U⁶ Universal 120 to 277V	B 0-10V to 1%	B Flat Black			30 3000K	9⁹ 90 mins
W White	H² 1040lm/ft (15W)		D DALI to 1%	N Black Nickel			35 3500K	
X Custom RAL	V² 1340lm/ft (20W)		E ELV Dimming	C Specular Chrome			40 4000K	
	D³ 405lm/ft (9W)		F DMX	E Diffuse Gold			WD 3000K-1800K	
	W³ 1155lm/ft (18W)		G⁷ LUTRON	X Custom			TW 2700K - 5000K	
	U⁴ 630lm/ft (10W)						CC⁸ RGBW	
	A⁴ 1155lm/ft (20W)							
	C⁵ 970lm/ft (20W)							

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 Denotes RGBW (C) output with all colors at full power.
⁶ Not applicable for ELV dimming.
⁷ Hi-lume, Vive, and Athena compatible.
⁸ Only available with DMX dimming.
⁹ Not applicable for integral driver.

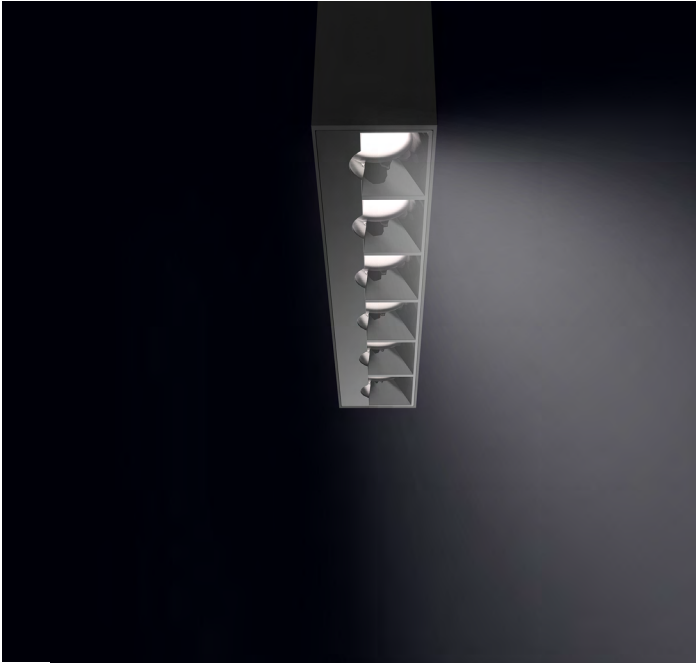
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



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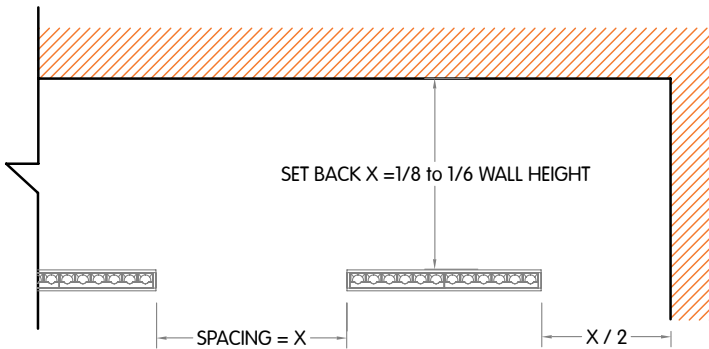
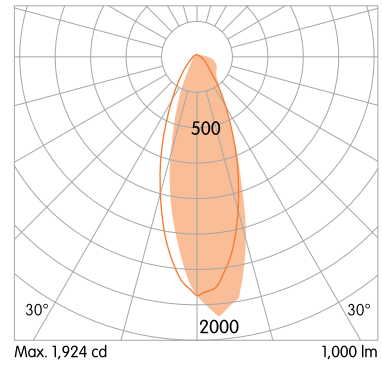
OPTICAL FLEXIBILITY

BAFFLED WALLWASHER



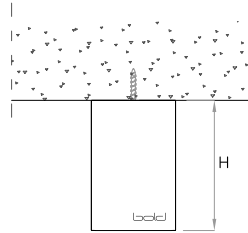
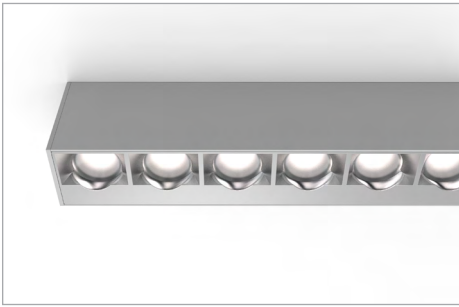
Billet wallwash provides even illumination of vertical surfaces with a flexible setback of 1/8 to 1/6 of the wall height. This optic is ideal for washing large areas where exceptional uniformity is required.

Wallwasher



MOUNTING FLEXIBILITY

SURFACE MOUNTED

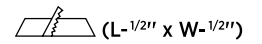
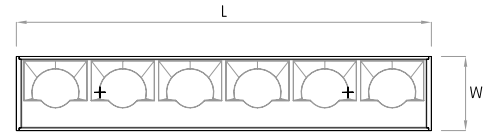


Actual

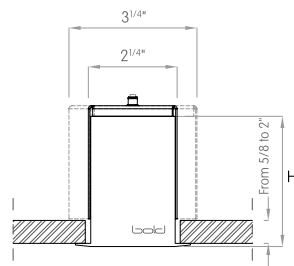
L= 12^{1/8"} | 23^{15/16"} | 35^{3/4"} | 47^{9/16"} | 59^{3/8"} | Continuous runs

W= 2^{3/16"}

H= 3^{3/8"}



RECESSED WITH TRIM

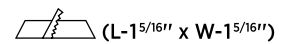
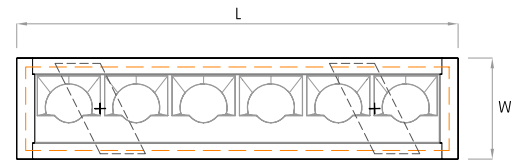


Actual

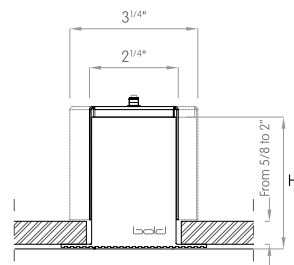
L= 12^{15/16"} | 24^{3/4"} | 36^{1/2"} | 48^{3/8"} | 60^{3/16"} | Continuous runs

W= 3"

H= 3^{3/8"}



RECESSED TRIMLESS

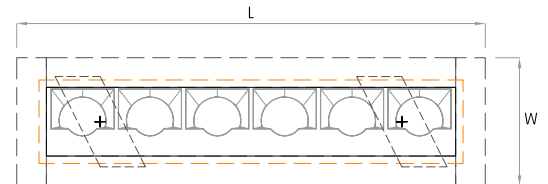


Actual

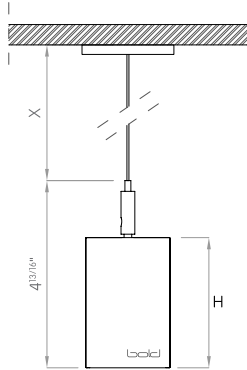
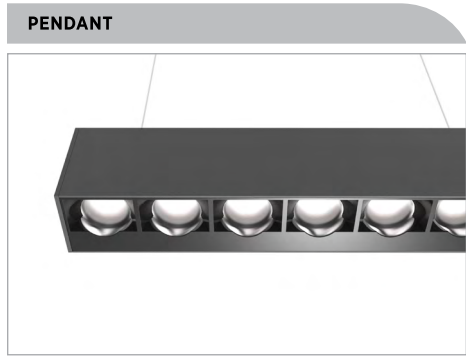
L= 13^{11/16"} | 25^{1/2"} | 37^{5/16"} | 49^{1/8"} | 60^{15/16"} | Continuous runs

W= 3^{3/4"}

H= 3^{3/8"}



MOUNTING FLEXIBILITY



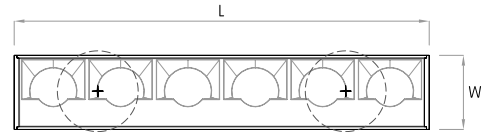
Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

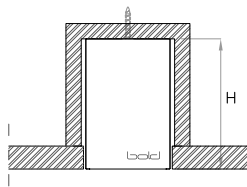
H= 3³/₈"

X= 59" or 118"



Note: Pendants are provided with a default 5ft gray electric feed. Please request a modification if a different length or color is required.

(L+¹/₈" x W+¹/₈")

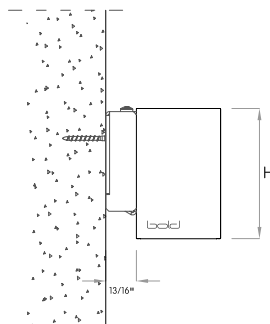
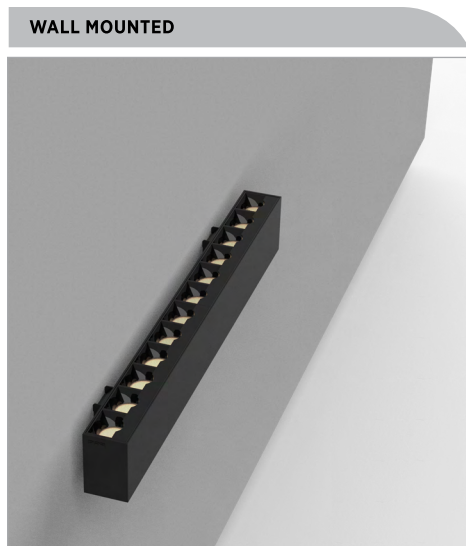
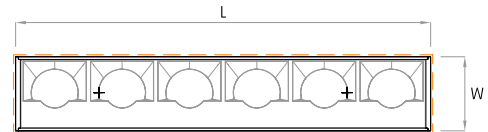


Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"

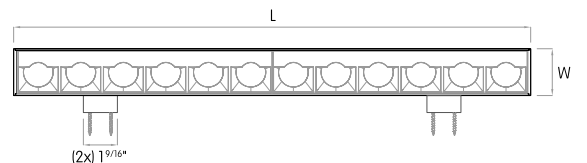


Actual

L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



DELIVERED LUMEN OUTPUT

Per Linear Foot

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	375 lm	430 lm	405 lm	410 lm
M	10W	700 lm	740 lm	755 lm	770 lm
H	15W	1015 lm	1040 lm	1100 lm	1120 lm
V	20W	1305 lm	1340 lm	1410 lm	1435 lm

DIM-TO-WARM 3000K-1800K		3000K
D	9W	405 lm
W	18W	1155 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	630 lm	630 lm
A	20W	1155 lm	1155 lm

RGBW		R	G	B	W
TOTAL	20W	595 lm	970 lm	150 lm	925 lm

DIMENSIONS TABLE

		12"	24"	36"	48"	60"
	Height	Width				
		Actual Length				

	mm		inch		mm		inch		mm		inch		mm		inch	
	Surface Mounted	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8	
Recessed with Trim	85	3 3/8	75	3	328	12 15/16	625	24 3/4	925	36 1/2	1228	48 3/8	1528	60 3/16		
Recessed Trimless	85	3 3/8	95	3 3/4	348	13 11/16	648	25 1/2	948	37 5/16	1248	49 1/8	1548	60 15/16		
Pendant	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8		
Millwork	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8		
Wall Mounted	85	3 3/8	55	2 3/16	308	12 1/8	608	23 15/16	908	35 3/4	1208	47 9/16	1508	59 3/8		

