

# 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**

## LIGHT SOURCE

**Direct Light Source** : Hi-power LEDs  
**Luminous Output** : from 1225lm/m to 4715lm/m (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

## 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

## 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

Series	Mounting	Nominal Length <sup>1</sup>
<b>BIW</b>	<b>R</b> Recessed with Trim	<b>12</b> 300 mm
	<b>T</b> Recessed Trimless	<b>24</b> 600 mm
	<b>S</b> Surface Mounted	<b>36</b> 900 mm
	<b>P</b> Pendant	<b>48</b> 1200 mm
	<b>M</b> Millwork	<b>60</b> 1500 mm
	<b>W</b> Wall Mounted	<b>72</b> 1800 mm
		<b>84</b> 2100 mm
		<b>96</b> 2400 mm
		<b>108</b> 2700 mm
		<b>120</b> 3000 mm
		<b>XX</b> Custom mm

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

Code example: **BIW** - P12W - L2B - W - W927 - 0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
<b>B</b> Black	<b>L<sup>2</sup></b> 1405lm/m (16W)	<b>2</b> 220-240V	<b>A</b> No Dimming	<b>W</b> Flat White	<b>W</b> Washer	<b>9</b> +90	<b>27</b> 2700K	<b>0</b> No
<b>G</b> Grey	<b>M<sup>2</sup></b> 2430lm/m (33W)	<b>U<sup>6</sup></b> Universal 120 to 277V	<b>B</b> 0-10V to 1%	<b>B</b> Flat Black			<b>30</b> 3000K	<b>9<sup>9</sup></b> 90 mins
<b>W</b> White	<b>H<sup>2</sup></b> 3415lm/m (49W)		<b>D</b> DALI to 1%	<b>N</b> Black Nickel			<b>35</b> 3500K	
<b>X</b> Custom RAL	<b>V<sup>2</sup></b> 4405lm/m (66W)		<b>E</b> ELV Dimming	<b>C</b> Specular Chrome			<b>40</b> 4000K	
	<b>D<sup>3</sup></b> 1330lm/m (26W)		<b>F</b> DMX	<b>E</b> Diffuse Gold			<b>WD</b> 3000K-1800K	
	<b>W<sup>3</sup></b> 3785lm/m (59W)		<b>G<sup>7</sup></b> LUTRON	<b>X</b> Custom			<b>TW</b> 2700K - 5000K	
	<b>U<sup>4</sup></b> 2060lm/m (33W)						<b>CC<sup>8</sup></b> RGBW	
	<b>A<sup>4</sup></b> 3785lm/m (66W)							
	<b>C<sup>5</sup></b> 3180lm/m (66W)							

Notes:  
<sup>1</sup> 150 mm length increments available as a modification.  
<sup>2</sup> Denotes output at 3000K, unless otherwise noted.  
<sup>3</sup> Denotes output specific to Dim-to-Warm at 3000K.  
<sup>4</sup> Denotes output specific to Tunable White at full on.  
<sup>5</sup> Denotes RGBW (C) output with all colors at full power.  
<sup>6</sup> Not applicable for ELV dimming.  
<sup>7</sup> Hi-lume, Vive, and Athena compatible.  
<sup>8</sup> Only available with DMX dimming.  
<sup>9</sup> Not applicable for integral driver.

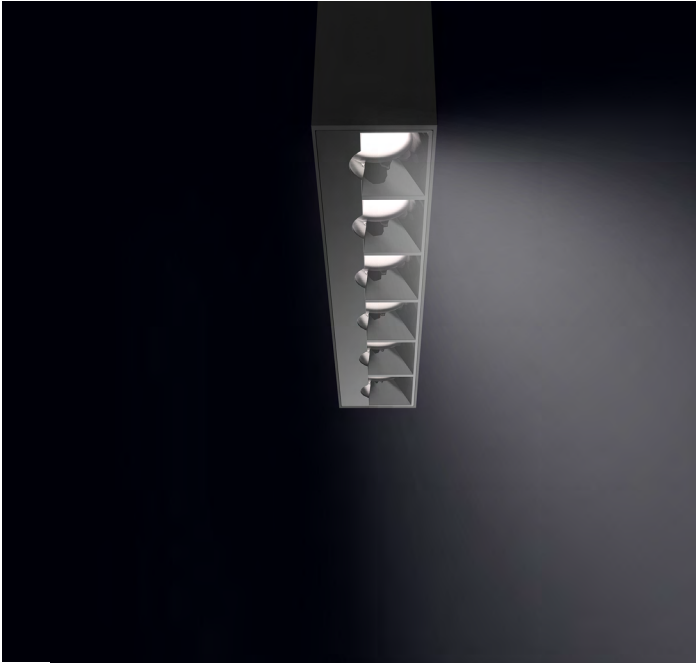
Consult factory for lead-times.  
 Consult factory for systems using multiple optics and mounting configurations.



**Bold Lighting**  
 4710 Ecton Dr., Marietta, GA 30066, USA  
 info@boldlighting.us www.boldlighting.us t: +1-678-903-4061

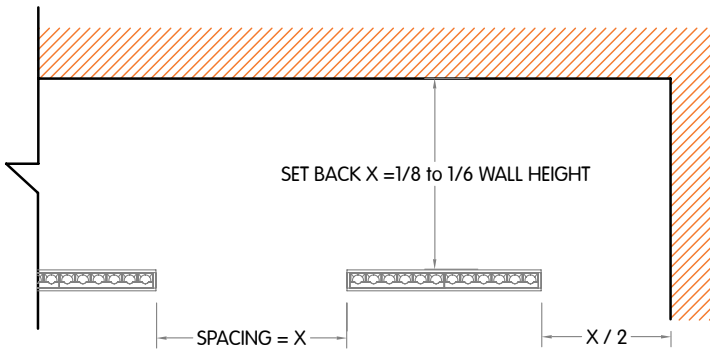
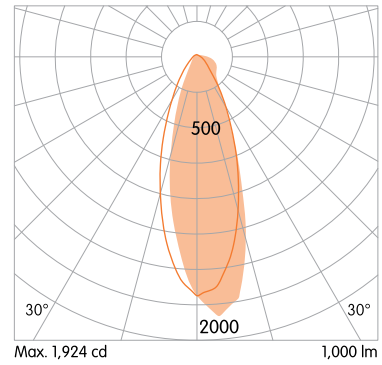
## OPTICAL FLEXIBILITY

### 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.

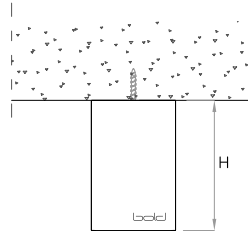
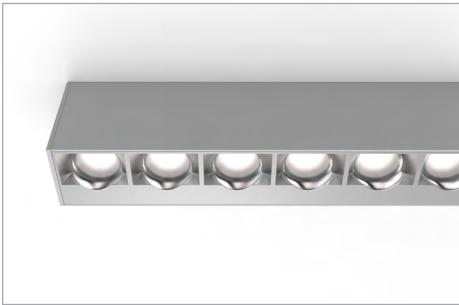
Wallwasher



# MOUNTING FLEXIBILITY

Per Millimeter

## SURFACE MOUNTED

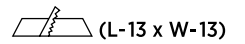
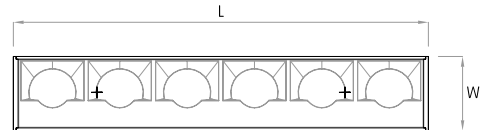


Actual (mm)

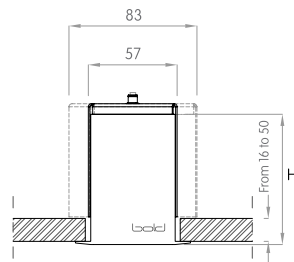
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708  
3008 | Continuous runs

W= 55

H= 85



## RECESSED WITH TRIM

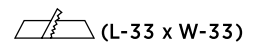
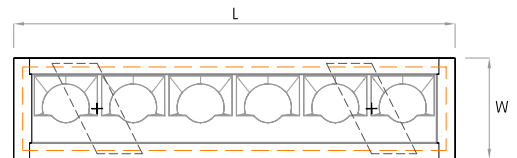


Actual (mm)

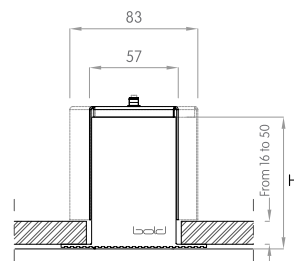
L= 328 | 628 | 928 | 1228 | 1528 | 1828 | 2128 | 2428 | 2728  
3028 | Continuous runs

W= 75

H= 85



## RECESSED TRIMLESS

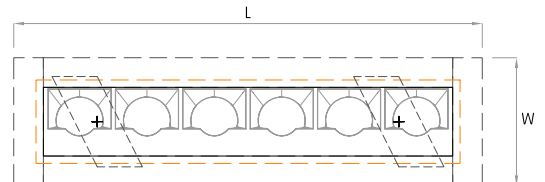


Actual (mm)

L= 348 | 648 | 948 | 1248 | 1548 | 1848 | 2148 | 2448 | 2748  
3048 | Continuous runs

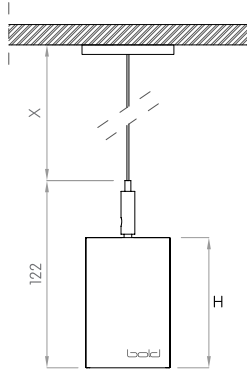
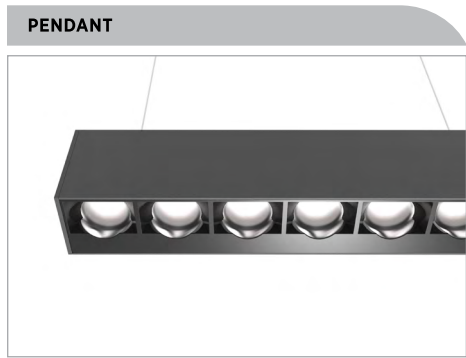
W= 95

H= 85



# MOUNTING FLEXIBILITY

Per Millimeter



Actual (mm)

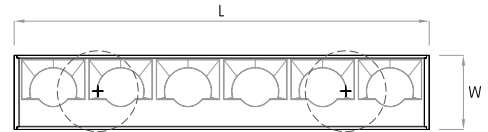
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

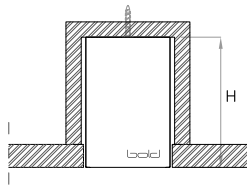
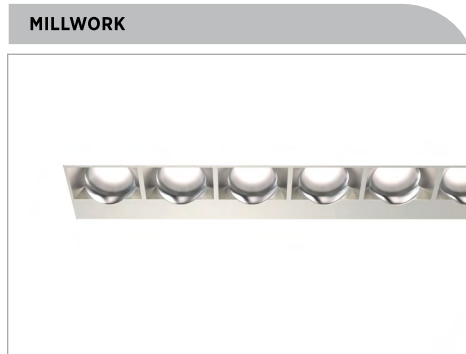
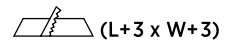
H= 85

X= 1500 or 3000



Note:

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



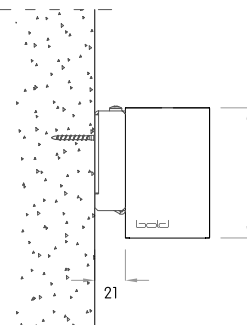
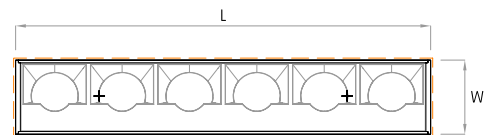
Actual (mm)

L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

H= 85



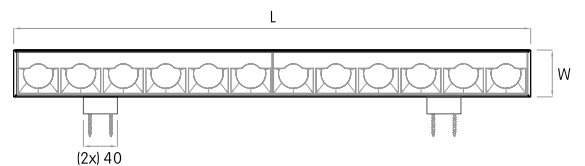
Actual (mm)

L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs

W= 55

H= 85



## DELIVERED LUMEN OUTPUT

Per Meter

### Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	1225 lm	1405 lm	1325 lm	1350 lm
M	33W	2290 lm	2430 lm	2475 lm	2520 lm
H	49W	3340 lm	3415 lm	3605 lm	3675 lm
V	66W	4285 lm	4405 lm	4630 lm	4715 lm

DIM-TO-WARM 3000K-1800K		3000K
D	26W	1330 lm
W	59W	3785 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	2060 lm	2060 lm
A	66W	3785 lm	3785 lm

RGBW		R	G	B	W
TOTAL	66W	1955 lm	3180 lm	490 lm	3030 lm

## DIMENSIONS TABLE

Per Meter

	12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
--	-----	-----	-----	-----	-----	-----	-----	-----	------	------

### Height Width Actual Length

	Height	Width	12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
Surface Mounted	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Recessed with Trim	85	75	328	628	928	1228	1528	1828	2128	2428	2728	3028
Recessed Trimless	85	95	348	648	948	1248	1548	1848	2148	2448	2748	3048
Pendant	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Millwork	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008
Wall Mounted	85	55	308	608	908	1208	1508	1808	2108	2408	2708	3008

