BILLET

WALLGRAZER / WALLWASHER

bold lighting

Architectural SSL Magazine
PIA'20
product innovation award

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/wallgrazer delivers unmatched vertical illumination with virtually zero glare. Like all Bold products, 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 : IP44

INSTALLATION

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

LIGHT SOURCE

Direct Light Source : Hi-power LEDs / Mid-Power LEDs
Luminous Output : from 500lm/ft. to 2,500lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)[3] / Dim to Warm (3000K-1800K)[3]
Color Rendering Index : Ra80 / Ra90

OPTICS

Optical Distribution : Wallgraze / Wallwash
Glare Control : UGR<19

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 22W/ft.
Output Type : Constant Current
Driver Type : Integral / Remote
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume

Series		Mounting	Overall Height
BWI	SR	Surface mount (Remote Driver)	2 5/8 in.
	SI	Surface mount (Integral Driver)	3 3/8 in.
	RI	Recessed with trim (ICA) (Integral Driver)	3 3/8 in.
	RT	Recessed trimless (ICA) (Integral Driver)	3 3/8 in.
	PR	Pendant mount (Remote Driver)	2 9/16 in.
	PI	Pendant mount (Integral Driver)	3 3/8 in.
	MI	Millwork recessed (ICA) (Integral Driver)	3 3/8 in.
	MR	Millwork recessed (ICA) (Remote Driver)	2 5/8 in.

*For Ingrade mounting refer to Billet outdoor specification.

Code example: **BWI**-SI-L-8-27-G-SB-B-10-12

Output [4]		CRI		Color Temp		Optic		Baffle Finish		Body Finish		Dimming		Nominal Length	
A	643lm/ft (4W/FT)	8	+80	27	2700K	G	Wallgraze (12°)	WF	Flat White	W	White	00	No Dimming	12	12"
L	1064lm/ft (9W/FT)	9	+90	30	3000K	W	Wallwash	SB	Specular Black	B	Black	11	0-10V to 1%	24	24"
S	1690lm/ft (15W/FT)			35	3500K			BN	Black Nickel	G	Grey	10	0-10V to Fade-off	36	36"
H	2475lm/ft (22W/FT)			40	4000K			SC	Specular Chrome	C	Custom RAL	EL	ELV Dimming	48	48"
W[1]	2328lm/ft (18W/FT)			WD[3]	3000K- 1800K			DC	Diffuse Chrome			D1	DALI to 1%	60	60"
T[2]	1638lm/ft (22W/FT)			TW[3]	2700K - 5000K			BG	Bright Gold			D2	DMX	C--	Continuous Run* *Measured in feet
								DG	Diffuse Gold			LT	LUTRON LDE1	For exact lengths refer to dimensions table.	
								C	Custom			Hi-lume 1% EcoSystem Soft-on, Fade-to-Black dimming			

Notes:
[1] Denotes output specific to Dim-to-Warm at 3000K.
[2] Denotes output specific to Tunable White at full on.
[3] Custom CCT ranges available upon request.
[4] Denotes output at 3000K, unless otherwise noted.

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

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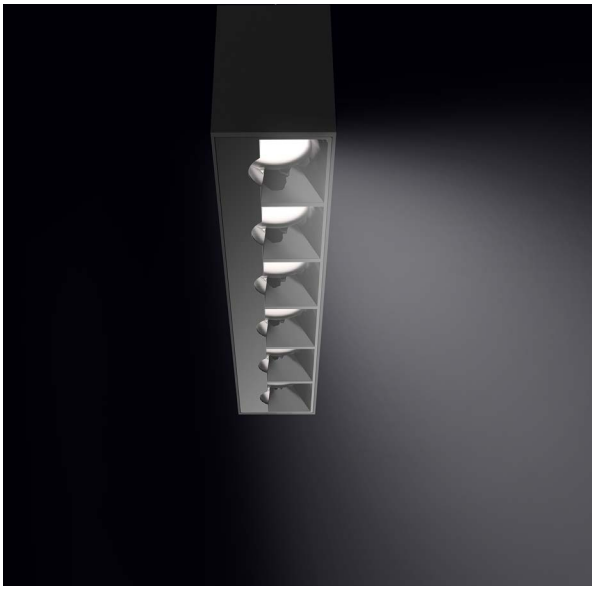
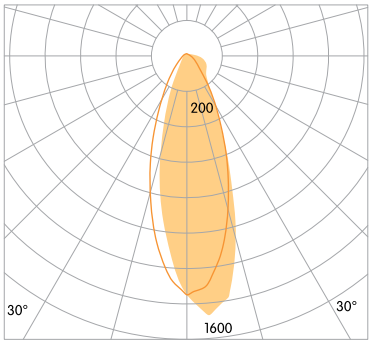
OPTICAL FLEXIBILITY

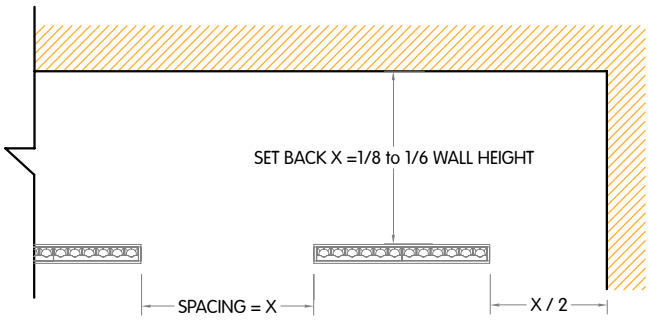
BAFFLED WALLWASHER



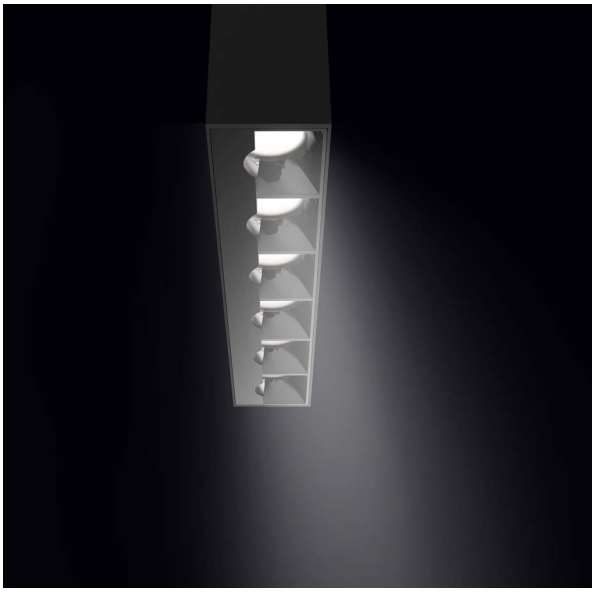
Billet wallwash provides even illumination of vertical surfaces with a flexible setback of 1/8 to 1/6 of the wall height. This optic is ideal for washing large areas where exceptional uniformity is required.

Wallwasher



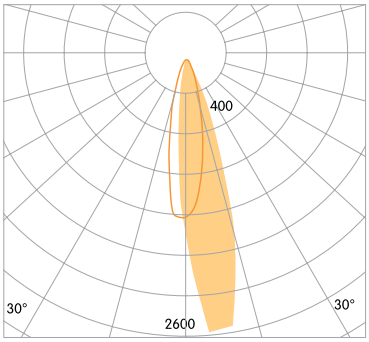


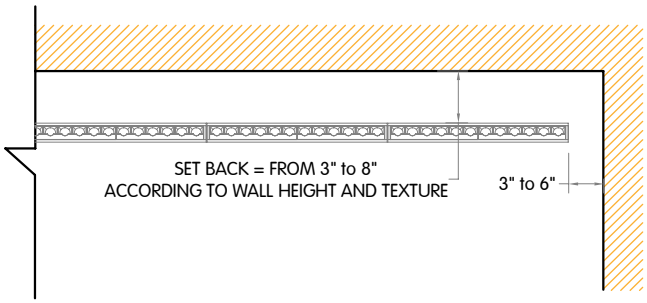
BAFFLED WALLGRAZER



Billet wallgrazer delivers maximum performance for emphasizing textured and rough vertical surfaces. The standard output illuminates walls up to 14'-0" with outstanding transversal and longitudinal glare control.

12° Wallgrazer





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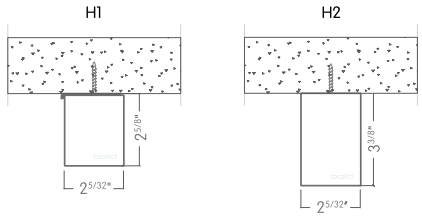
MOUNTING FLEXIBILITY

SURFACE MOUNTED



Remote Driver

Integral Driver

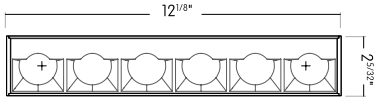
Actual

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

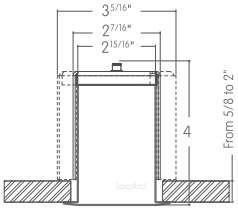
W= 2 5/32"

H1= 2 5/8" with remote driver

H2= 3 3/8" with integral driver



RECESSED WITH TRIM



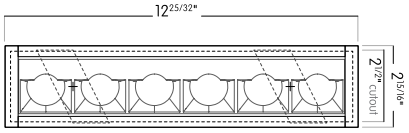
Integral Driver

Actual

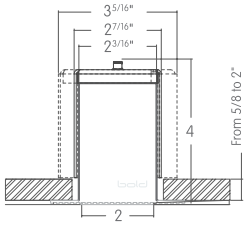
L= 12 25/32" | 24 5/8" | 36 7/16" | 48 1/4" | 60 1/16" | Continuous runs

W= 2 15/16"

H= 3 3/8" with integral driver



RECESSED TRIMLESS



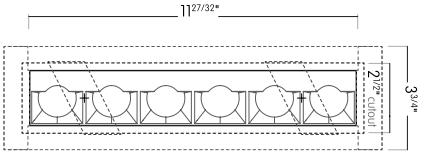
Integral Driver

Actual

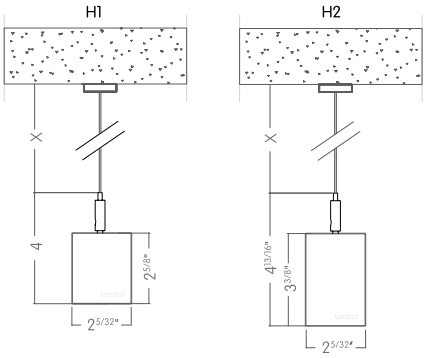
L= 11 27/32" | 23 21/32" | 35 15/32" | 47 9/32" | 59 1/8" | Continuous runs

W= 2"

H= 3 3/8" with integral driver



PENDANT



Remote Driver

Integral Driver

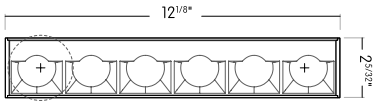
Actual

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

W= 2 5/32"

H1= 2 5/8" with remote driver

H2= 3 3/8" with integral driver



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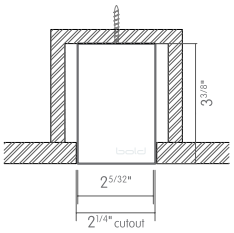
MOUNTING FLEXIBILITY

MILLWORK



Integral Driver

Actual

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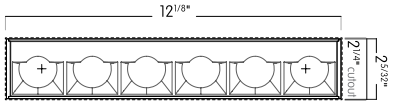

DELIVERED LUMEN OUTPUT

		CRI 80			CRI 90		
Output	**Consumption**	**2700K**	**3000K**	**4000K**	**2700K**	**3000K**	**4000K**
A	4W	617lm	643lm	678lm	516lm	534lm	569lm
L	9W	1007lm	1064lm	1108lm	849lm	876lm	1105lm
S	15W	1598lm	1690lm	1756lm	1349lm	1392lm	1794lm
H	22 W	2378lm	2474lm	2614lm	1962lm	2036lm	2203lm

		CRI 80		CRI 90	
Output	**Consumption**	**1800K**	**3000K**	**1800K**	**3000K**
W	18W	2328lm		1815lm	
		2700K	**5000K**	**2700K**	**5000K**
T	22 W	1419lm	1638lm	1248lm	1419lm

DIMENSIONS TABLE

					12"		24"		36"		48"		60"	
	Height		Width		Actual Length		Actual Length		Actual Length		Actual Length		Actual Length	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Surface Mounted	85	I 3 11/32 R 2 5/8	55	2 5/32	308.00	12 1/8	608.10	23 15/16	908.20	35 3/4	1208.30	47 9/16	1508.40	59 3/8
Recessed with Trim	85	3 11/32	75	2 15/16	325.00	12 25/32	625.10	24 5/8	925.20	36 7/16	1225.30	48 1/4	1525.40	60 1/16
Recessed Trimless	85	3 11/32	51	2	300.74	11 27/32	601.10	23 21/32	901.20	35 15/32	1201.30	47 9/32	1501.40	59 1/8
Pendant	85	I 3 11/32 R 2 5/8	55	2 5/32	308.00	12 1/8	608.10	23 15/16	908.20	35 3/4	1208.30	47 9/16	1508.40	59 3/8
Millwork	85	3 11/32	55	2 5/32	308.00	12 1/8	608.10	23 15/16	908.20	35 3/4	1208.30	47 9/16	1508.40	59 3/8

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