

BILLET

WALLGRAZER / WALLWASHER

bold
lighting



Whether used for inground, ceiling, pendant, surface mount, millwork or wall-recessed applications, Billet allows you to maintain uniformity and continuous runs with the same optical performance, light consistency, and overall aesthetics across the entire project, both indoor and outdoor.

Billet delivers bold vertical and horizontal illumination with minimal glare thanks to the unique baffle system designed specifically for this product. The Billet confidently delivers a flawless light distribution and beautifully finished look.

CONSTRUCTION

Product Type : Linear
Body Material : Extruded Aluminum
Body Finish : Black / Grey / White / Custom RAL
IP Rating : IP44

Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)³ / Dim to Warm (3000K-1800K)³
Color Rendering Index : Ra80 / Ra90

INSTALLATION

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

OPTICS

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

LIGHT SOURCE

Direct Light Source : Hi-power LEDs / Mid-Power LEDs
Luminous Output : from 500lm/ft. to 2,500lm/ft. (Delivered)

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 (Integral Driver)	3 ³ / ₈ in.
	RT Recessed trimless (Integral Driver)	3 ³ / ₈ in.
	PR Pendant mounting (Remote Driver)	2 ⁹ / ₁₆ in.
	PI Pendant mounting (Integral Driver)	3 ³ / ₈ in.
	MI Millwork recessed (Integral Driver)	3 ³ / ₈ in.
	MR Millwork recessed (Remote Driver)	2 ⁵ / ₈ in.

*For Ingrade mounting refer to Billet outdoor specification.

Code example: **BWI**-CD-L-8-27-G-WF-W-00-12

	Output ⁴	CRI	Color Temp	Optic	Baffle Finish	Body Finish	Dimming	Nominal Length
A	644lm/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.

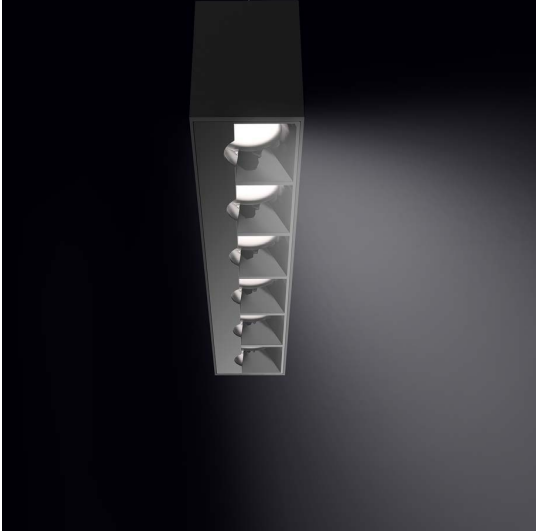
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



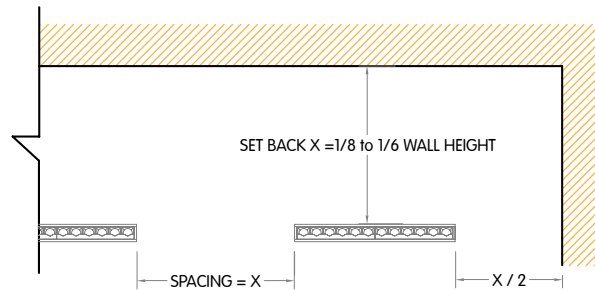
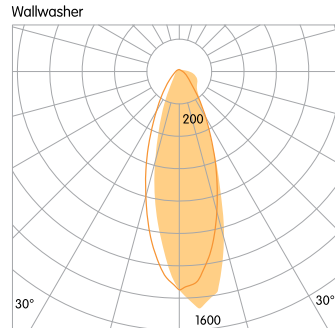
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OPTICAL FLEXIBILITY

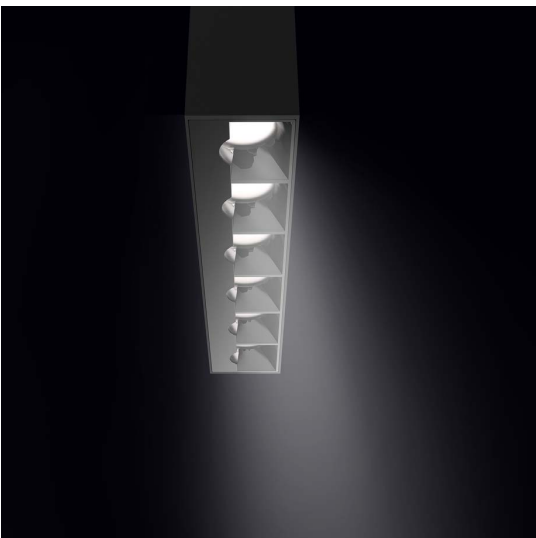
BAFFLED WALLWASHER



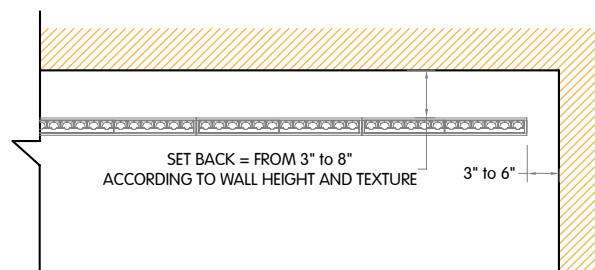
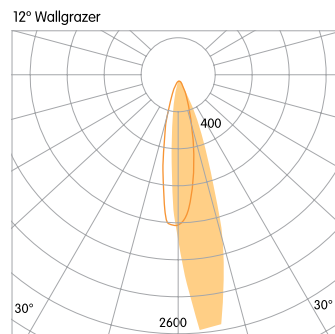
Billet wallwash provides even illumination of vertical surfaces with a flexible setback of 1/8 to 1/6 of the wall height. This optic is ideal for washing large areas where exceptional uniformity is required.



BAFFLED WALLGRAZER



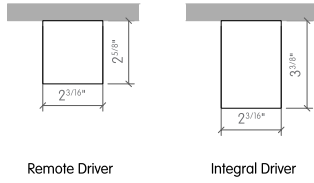
Billet wallgrazer delivers maximum performance for emphasizing textured and rough vertical surfaces. The standard output illuminates walls up to 14'-0» with outstanding transversal and longitudinal glare control.



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MOUNTING FLEXIBILITY

SURFACE MOUNTED



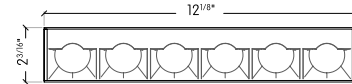
Actual

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

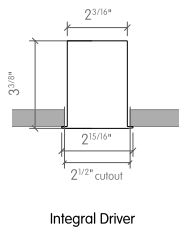
W= 2³/₁₆"

H1= 2⁵/₈" with remote driver

H2= 3³/₈" with integral driver



RECESSED WITH TRIM

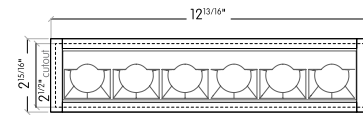


Actual

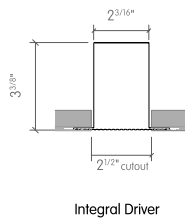
L= 12¹³/₁₆" | 24⁵/₈" | 36⁷/₁₆" | 48¹/₄" | 60¹/₁₆" | Continuous runs

W= 2¹⁵/₁₆"

H2= 3³/₈" with integral driver



RECESSED TRIMLESS

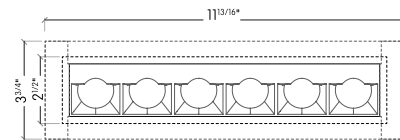


Actual

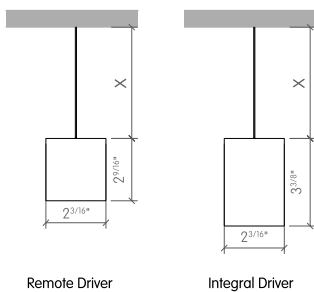
L= 11¹³/₁₆" | 23¹¹/₁₆" | 35¹/₂" | 47⁵/₁₆" | 59¹/₈" | Continuous runs

W= 2³/₁₆"

H2= 3³/₈" with integral driver



PENDANT



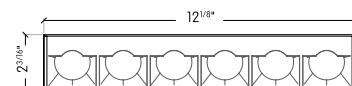
Actual

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

W= 2³/₁₆"

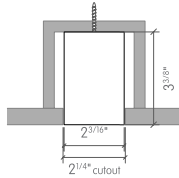
H1= 2⁹/₁₆" with remote driver

H2= 3³/₈" with integral driver



MOUNTING FLEXIBILITY

MILLWORK

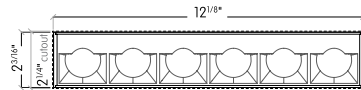


Actual

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

W = 2^{3/16}"

H2 = 3^{3/8}" with integral driver



DELIVERED LUMEN OUTPUT

Output	Consumption	CRI 80			CRI 90		
		2700K	3000K	4000K	2700 K	3000 K	4000 K
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

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

DIMENSIONS TABLE

	Height		Width		12"		24"		36"		48"		60"	
	Real Length		Real Length		Real Length		Real Length		Real Length		Real Length		Real Length	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Surface Mounted	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
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	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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