

BILLET

INDOOR WALLGRAZER - 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 Wallgrazer 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 : Wallgraze
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 440lm/ft. to 1690lm/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-G927-0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 505lm/ft (5W)	1 120V	A No Dimming	W Flat White	G Grazer	9 +90	27 2700K	0 No
G Grey	M² 870lm/ft (10W)	U⁶ Universal 120 to 277V	B 0-10V to 1%	B Flat Black			30 3000K	9⁹ 90 mins
W White	H² 1225lm/ft (15W)		D DALI to 1%	N Black Nickel			35 3500K	
X Custom RAL	V² 1580lm/ft (20W)		E ELV Dimming	C Specular Chrome			40 4000K	
	D³ 475lm/ft (9W)		F DMX	E Diffuse Gold			WD 3000K-1800K	
	W³ 1355lm/ft (18W)		G⁷ LUTRON	X Custom			TW 2700K - 5000K	
	U⁴ 740lm/ft (10W)						CC⁸ RGBW	
	A⁴ 1355lm/ft (20W)							
	C⁵ 1140lm/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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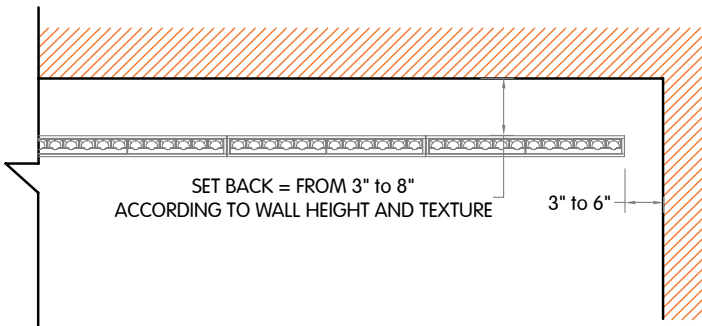
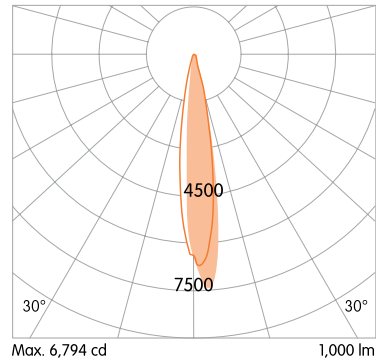
OPTICAL FLEXIBILITY

BAFFLED WALLGRAZER



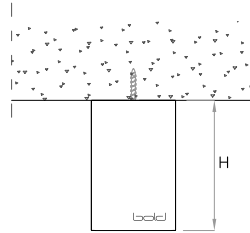
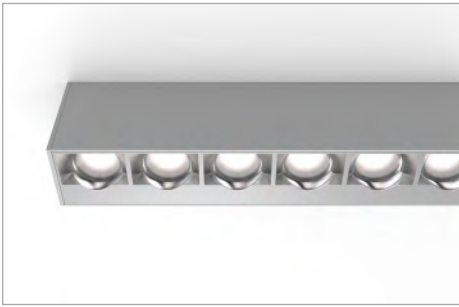
Billet wallgrazer delivers maximum performance for emphasizing textured and rough vertical surfaces. The standard output illuminates walls up to 14'-0" with outstanding transversal and longitudinal glare control.

15° Wallgrazer



MOUNTING FLEXIBILITY

SURFACE MOUNTED

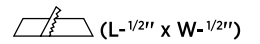
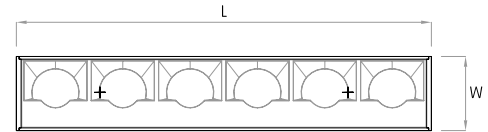


Actual

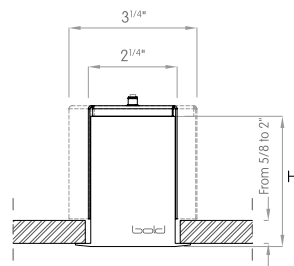
L= 12^{1/8"} | 23^{15/16"} | 35^{3/4"} | 47^{9/16"} | 59^{3/8"} | Continuous runs

W= 2^{3/16"}

H= 3^{3/8"}



RECESSED WITH TRIM

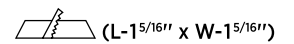
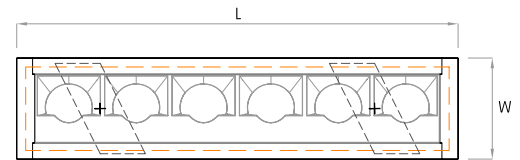


Actual

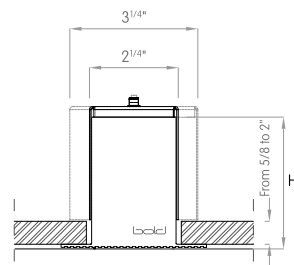
L= 12^{15/16"} | 24^{3/4"} | 36^{1/2"} | 48^{3/8"} | 60^{3/16"} | Continuous runs

W= 3"

H= 3^{3/8"}



RECESSED TRIMLESS

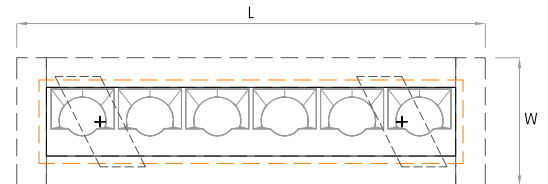


Actual

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

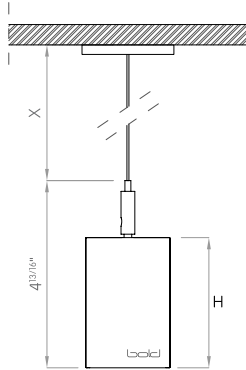
W= 3^{3/4"}

H= 3^{3/8"}



MOUNTING FLEXIBILITY

PENDANT



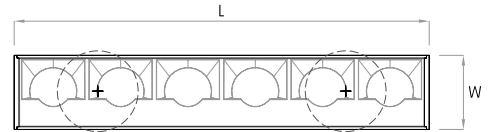
Actual

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

W= 2³/₁₆"

H= 3³/₈"

X= 59" or 118"

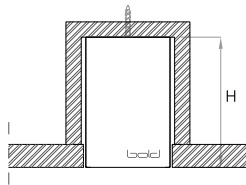


Note:

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")

MILLWORK

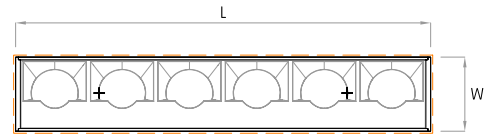


Actual

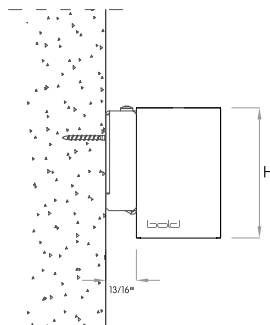
L= 12¹/₈" | 23¹⁵/₁₆" | 35³/₄" | 47⁹/₁₆" | 59³/₈" | Continuous runs

W= 2³/₁₆"

H= 3³/₈"



WALL MOUNTED

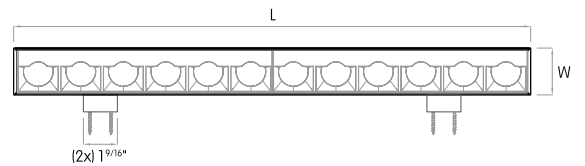


Actual

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	440 lm	505 lm	475 lm	485 lm
M	10W	820 lm	870 lm	885 lm	905 lm
H	15W	1195 lm	1225 lm	1290 lm	1315 lm
V	20W	1535 lm	1580 lm	1660 lm	1690 lm

DIM-TO-WARM 3000K-1800K		3000K
D	9W	475 lm
W	18W	1355 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	740 lm	740 lm
A	20W	1355 lm	1355 lm

RGBW		R	G	B	W
TOTAL	20W	700 lm	1140 lm	175 lm	1085 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
		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
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

