

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 1445lm/m to 5540lm/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

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 ¹ |
|------------|-----------------------------|-----------------------------|
| BIW | R Recessed with Trim | 12 300 mm |
| | T Recessed Trimless | 24 600 mm |
| | S Surface Mounted | 36 900 mm |
| | P Pendant | 48 1200 mm |
| | M Millwork | 60 1500 mm |
| | W Wall Mounted | 72 1800 mm |
| | | 84 2100 mm |
| | | 96 2400 mm |
| | | 108 2700 mm |
| | | 120 3000 mm |
| | | XX Custom mm |

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

Code example: **BIW**-P12W-L2B-W-G927-0

| Body Finish | Output | Voltage | Dimming | Baffles | Beam Angle | CRI | Color Temp | Emergency |
|---------------------|-------------------------------------|--------------------------------------------|-----------------------------|--------------------------|-----------------|--------------|----------------------------|------------------------------|
| B Black | L² 1650lm/m (16W) | 2 220-240V | A No Dimming | W Flat White | G Grazer | 9 +90 | 27 2700K | 0 No |
| G Grey | M² 2860lm/m (33W) | U⁶ Universal 120 to 277V | B 0-10V to 1% | B Flat Black | | | 30 3000K | 9⁹ 90 mins |
| W White | H² 4010lm/m (49W) | | D DALI to 1% | N Black Nickel | | | 35 3500K | |
| X Custom RAL | V² 5175lm/m (66W) | | E ELV Dimming | C Specular Chrome | | | 40 4000K | |
| | D³ 1565lm/m (26W) | | F DMX | E Diffuse Gold | | | WD 3000K-1800K | |
| | W³ 4445lm/m (59W) | | G⁷ LUTRON | X Custom | | | TW 2700K - 5000K | |
| | U⁴ 2425lm/m (33W) | | | | | | CC⁸ RGBW | |
| | A⁴ 4450lm/m (66W) | | | | | | | |
| | C⁵ 3740lm/m (66W) | | | | | | | |

Notes:
¹ 150 mm 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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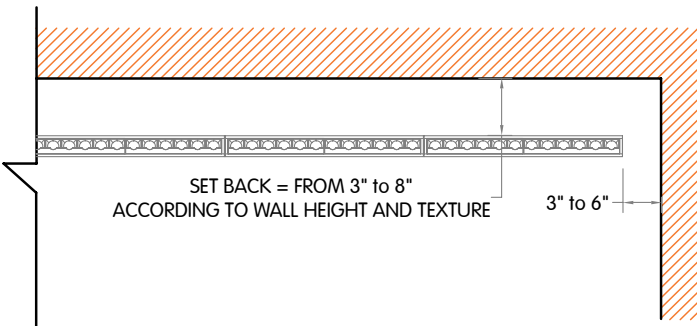
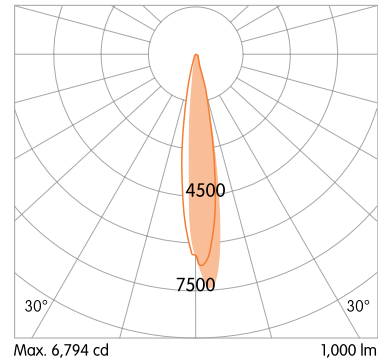
OPTICAL FLEXIBILITY

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.

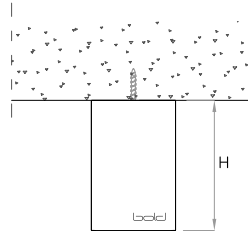
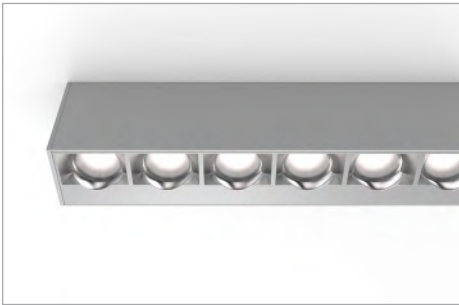
15° Wallgrazer



MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED

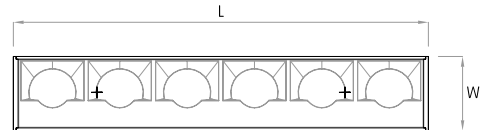



Actual (mm)

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

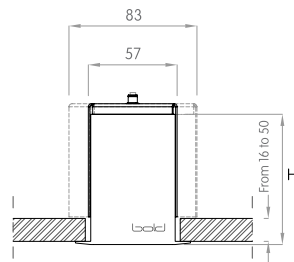
W= 55

H= 85



 (L-13 x W-13)

RECESSED WITH TRIM

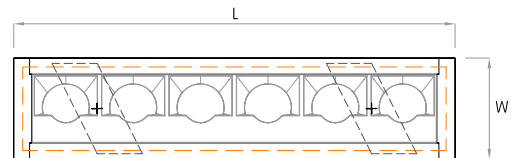



Actual (mm)

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

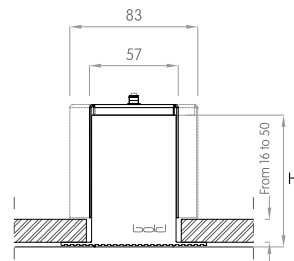
W= 75

H= 85



 (L-33 x W-33)

RECESSED TRIMLESS

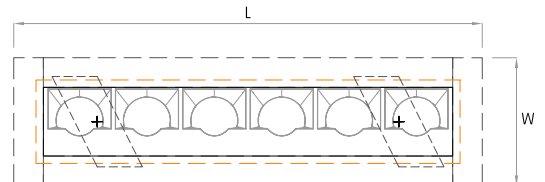


Actual (mm)

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

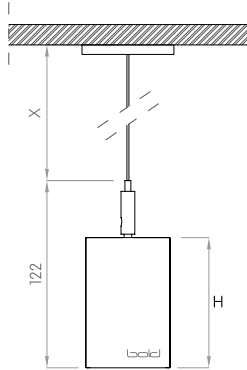
W= 95

H= 85



MOUNTING FLEXIBILITY

Per Millimeter



Actual (mm)

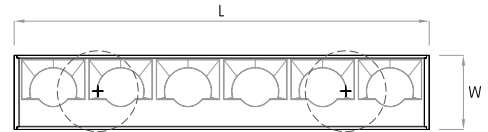
L= 308 | 608 | 908 | 1208 | 1508 | 1808 | 2108 | 2408 | 2708

3008 | Continuous runs


W= 55

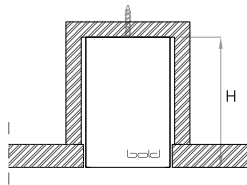
H= 85

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.

 (L+3 x W+3)



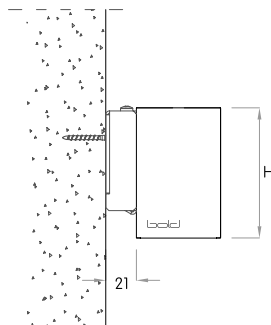
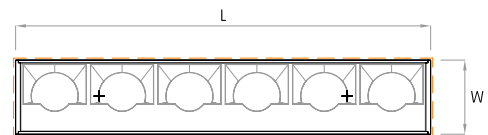
Actual (mm)

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

3008 | Continuous runs

W= 55

H= 85



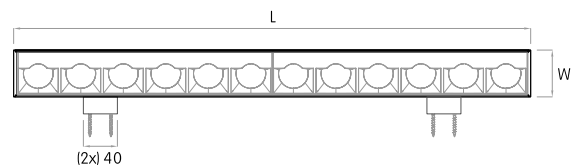
Actual (mm)

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 | 1445 lm | 1650 lm | 1560 lm | 1590 lm |
| M | 33W | 2695 lm | 2860 lm | 2910 lm | 2965 lm |
| H | 49W | 3925 lm | 4010 lm | 4240 lm | 4315 lm |
| V | 66W | 5035 lm | 5175 lm | 5440 lm | 5540 lm |

| DIM-TO-WARM 3000K-1800K | | 3000K |
|----------------------------|-----|---------|
| D | 26W | 1565 lm |
| W | 59W | 4445 lm |

| TUNABLE WHITE 2700K-5000K | | 2700K | 5000K |
|------------------------------|-----|---------|---------|
| U | 33W | 2425 lm | 2425 lm |
| A | 66W | 4450 lm | 4450 lm |

| RGBW | | R | G | B | W |
|-------|-----|---------|---------|--------|---------|
| TOTAL | 66W | 2300 lm | 3740 lm | 575 lm | 3560 lm |

DIMENSIONS TABLE

Per Meter

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

Height Width Actual Length

| | Height | Width | Actual Length | | | | | | | | | |
|--------------------|--------|-------|---------------|-----|-----|------|------|------|------|------|------|------|
| 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 |

