

BILLET

INDOOR HONEYCOMB TIR - REMOTE

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 Honeycomb was designed to provide unmatched performance and a decorative aesthetic while maintaining minimal 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 : Millwork / Surface Mounted / Pendant
Dimensions : Refer to dimension table

OPTICS

Optical Distribution : 10° / 20° / 35° / 60°
 Elliptical (10°x40°) (25°x50°)
Glare Control : UGR<19

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 485lm/ft. to 1560lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)
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 Voltage
Driver Type : Remote
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

Series	Mounting	Nominal Length ¹
BKH	S Surface Mounted	12 12"
	P Pendant	24 24"
	M Millwork	36 36"
		48 48"
		60 60"
		XX Custom in

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

Code example: **BKH** - P12W-L11-W-E927-0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 485lm/ft (5W)	1 120V U⁴ Universal 120 to 277V	H No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No 9⁶ 90 mins
G Grey	M² 850lm/ft (10W)		I 0-10V to 1%	B Flat Black	N 20°		30 3000K	
W White	H² 1170lm/ft (15W)		K DALI to 1%	N Black Nickel	M 35°		35 3500K	
X Custom RAL	V² 1560lm/ft (20W)		L ELV Dimming	C Specular Chrome	W 60°		40 4000K	
	U³ 850lm/ft (10W)		M DMX	E Diffuse Gold	E 10°x 40°		TW 2700K - 5000K	
	A³ 1560lm/ft (20W)		N⁵ LUTRON	X Custom	G 25°x 50°			

Notes:

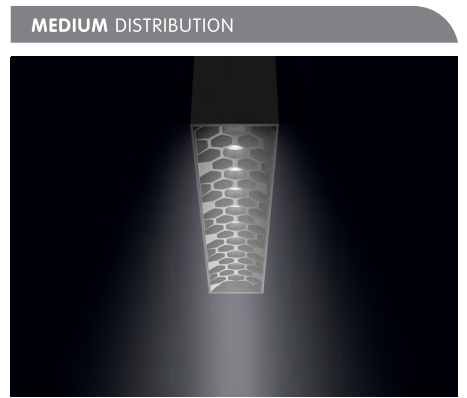
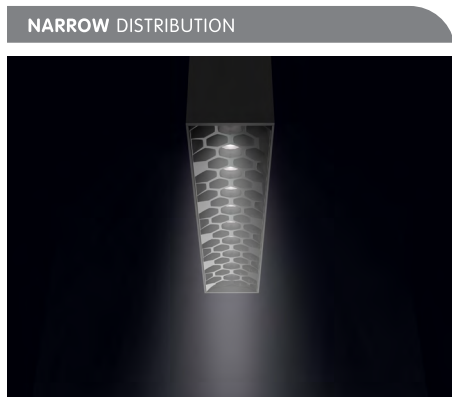
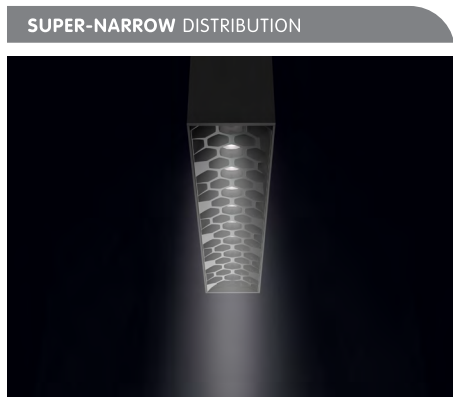
- ¹ 6" length increments available as a modification.
- ² Denotes output at 3000K, unless otherwise noted.
- ³ Denotes output specific to Tunable White at full on.
- ⁴ Not applicable for ELV dimming.
- ⁵ Hi-lume, Vive, and Athena compatible.
- ⁶ Not applicable for integral driver.

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

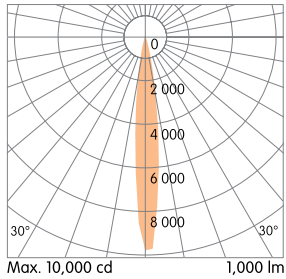


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OPTICAL FLEXIBILITY

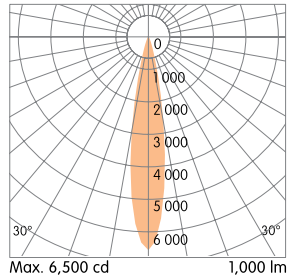


10° Beam Angle



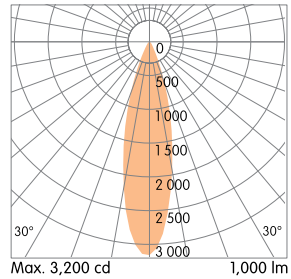
A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

20° Beam Angle

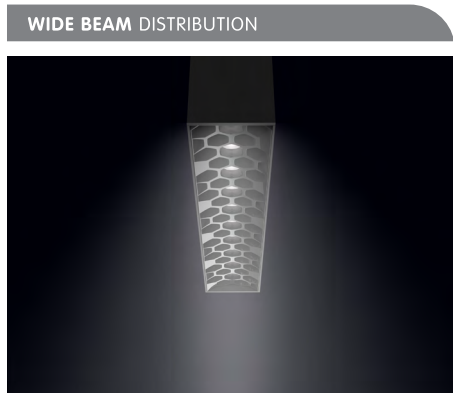


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

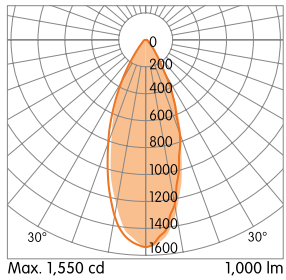
35° Beam Angle



The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

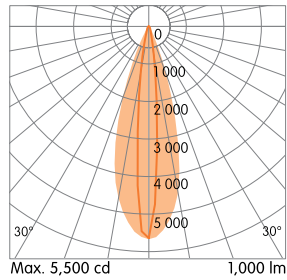


60° Beam Angle



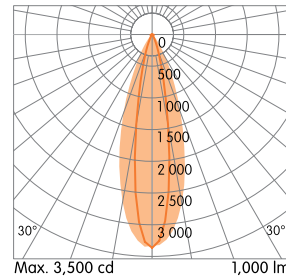
The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

10° x 40° Beam Angle



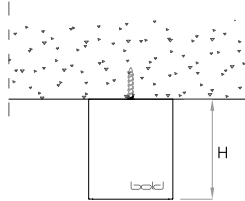
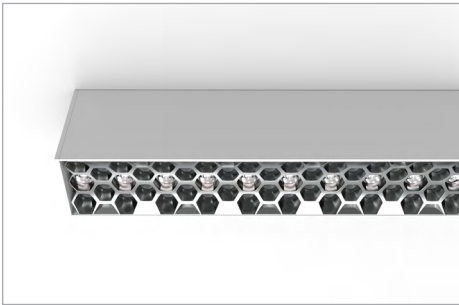
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



MOUNTING FLEXIBILITY

SURFACE MOUNTED

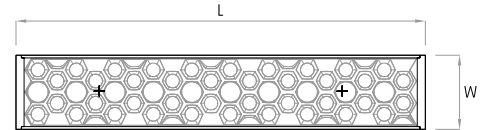


Actual

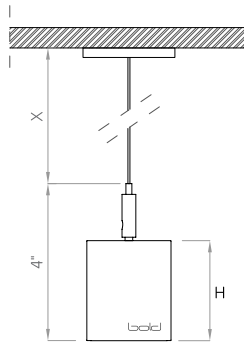
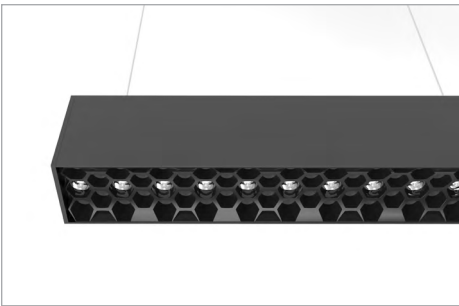
L= 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

W= 2³/₁₆"

H= 2⁵/₈"



PENDANT



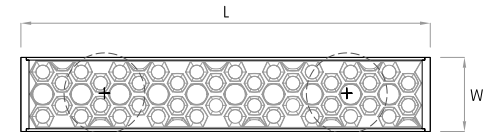
Actual

L= 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

W= 2³/₁₆"

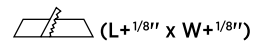
H= 2⁵/₈"

X= 59" or 118"

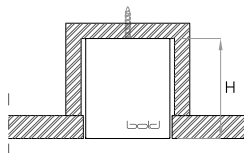
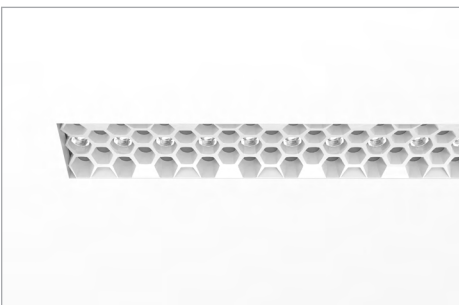


Note:

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



MILLWORK

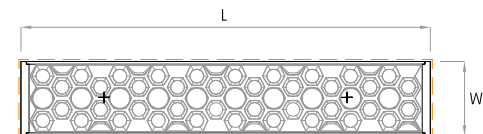


Actual

L= 12³/₁₆" | 24¹/₈" | 35¹⁵/₁₆" | 47³/₄" | 59⁹/₁₆" | Continuous runs

W= 2³/₁₆"

H= 2⁵/₈"



DELIVERED LUMEN OUTPUT

Per Linear Foot

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	5W	485 lm	485 lm	485 lm	485 lm
M	10W	850 lm	850 lm	850 lm	850 lm
H	15W	1170 lm	1170 lm	1170 lm	1170 lm
V	20W	1560 lm	1560 lm	1560 lm	1560 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	10W	850 lm	850 lm
A	20W	1560 lm	1560 lm

DIMENSIONS TABLE

		12"		24"		36"		48"		60"				
		Height		Width		Actual Length								
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
		Surface Mounted	65	2 5/8	55	2 3/16	313	12 3/16	613	24 1/8	913	35 15/16	1213	47 3/4
Pendant	65	2 5/8	55	2 3/16	313	12 3/16	613	24 1/8	913	35 15/16	1213	47 3/4	1513	59 9/16
Millwork	65	2 5/8	55	2 3/16	313	12 3/16	613	24 1/8	913	35 15/16	1213	47 3/4	1513	59 9/16

