

BILLET

INDOOR HONEYCOMB TIR - 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 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 : Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless)
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 Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX
Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

Series	Mounting	Nominal Length ¹
BXH	R Recessed with Trim	12 12"
	T Recessed Trimless	24 24"
	S Surface Mounted	36 36"
	P Pendant	48 48"
	M Millwork	60 60"
		XX Custom in

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

Code example: **BXH**-P12W-L1B-W-E927-0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 485lm/ft (5W)	1 120V	A No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No
G Grey	M² 850lm/ft (10W)	U⁴ Universal 120 to 277V	B 0-10V to 1%	B Flat Black	N 20°		30 3000K	9⁶ 90 mins
W White	H² 1170lm/ft (15W)		D DALI to 1%	N Black Nickel	M 35°		35 3500K	
X Custom RAL	V² 1560lm/ft (20W)		E ELV Dimming	C Specular Chrome	W 60°		40 4000K	
	U³ 850lm/ft (10W)		F DMX	E Diffuse Gold	E 10°x 40°		TW 2700K - 5000K	
	A³ 1560lm/ft (20W)		G⁵ 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.

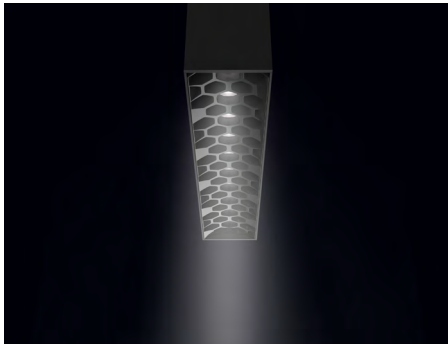
Consult factory for lead-times.
Consult factory for systems using multiple optics and mounting configurations.



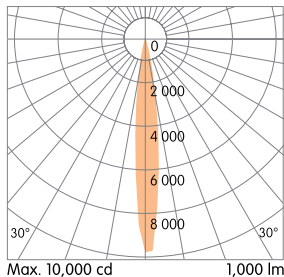
Bold Lighting
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OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION

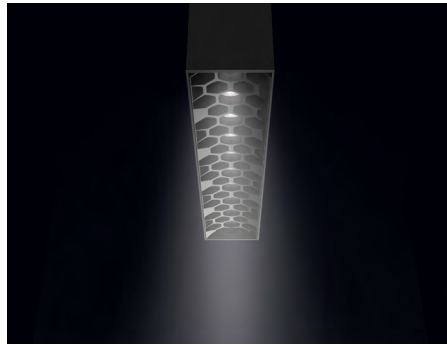


10° Beam Angle

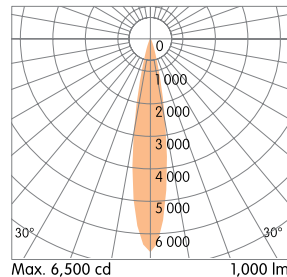


A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW DISTRIBUTION

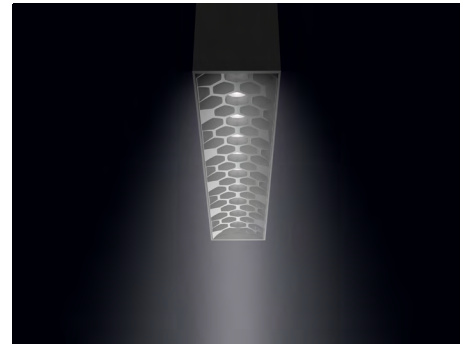


20° Beam Angle

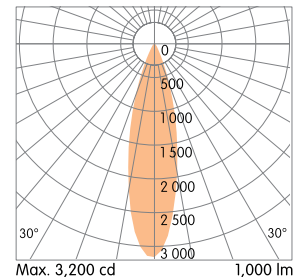


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

MEDIUM DISTRIBUTION



35° Beam Angle

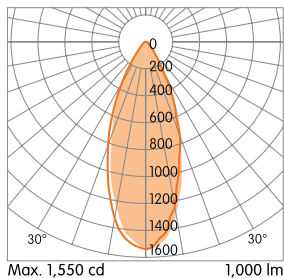


The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

WIDE BEAM DISTRIBUTION

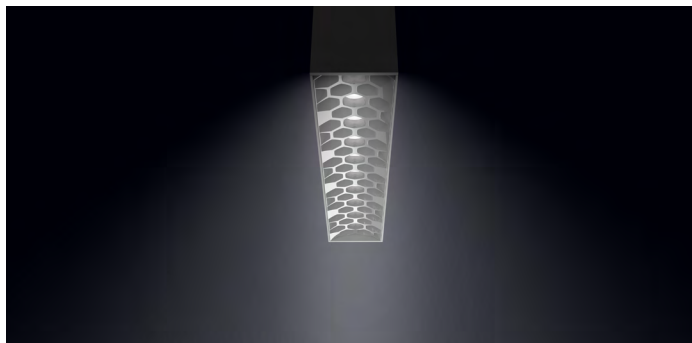


60° Beam Angle

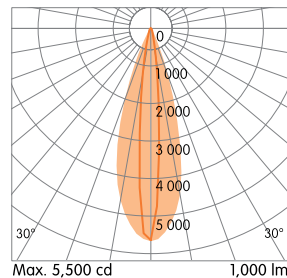


The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

ELLIPTICAL BEAM DISTRIBUTION

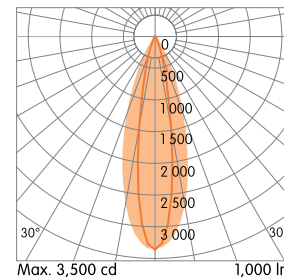


10° x 40° Beam Angle



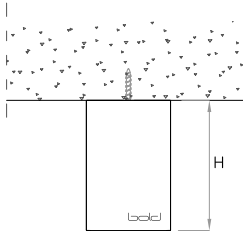
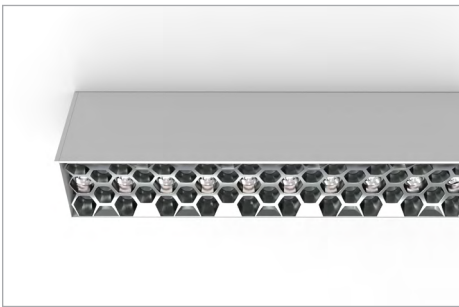
The elliptical beam is optimal for grazing applications and is an effective solution for the illumination of long narrow spaces.

25° x 50° Beam Angle



MOUNTING FLEXIBILITY

SURFACE MOUNTED

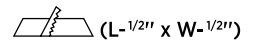
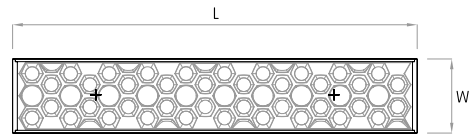


Actual

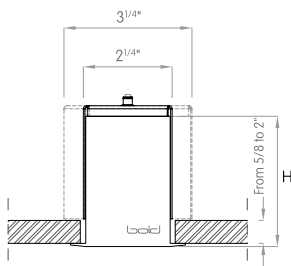
L= 12^{1/8"} | 23^{15/16"} | 35^{3/4"} | 47^{9/16"} | 59^{3/8"} | Continuous runs

W= 2^{3/16"}

H= 3^{3/8"}



RECESSED WITH TRIM

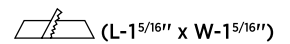
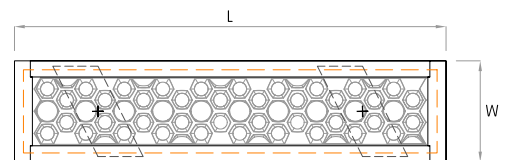


Actual

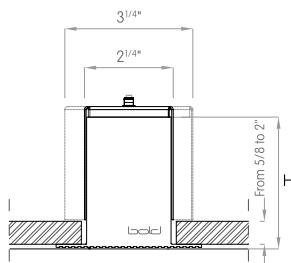
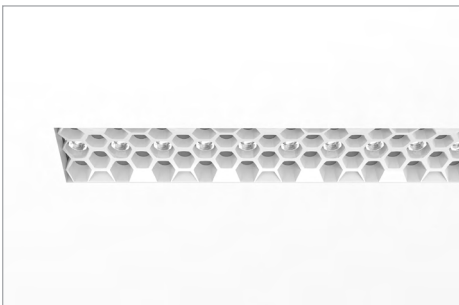
L= 12^{15/16"} | 24^{3/4"} | 36^{1/2"} | 48^{3/8"} | 60^{3/16"} | Continuous runs

W= 3"

H= 3^{3/8"}



RECESSED TRIMLESS

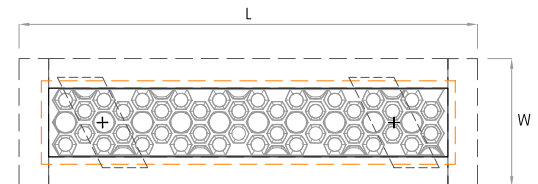


Actual

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

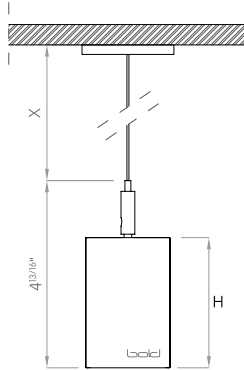
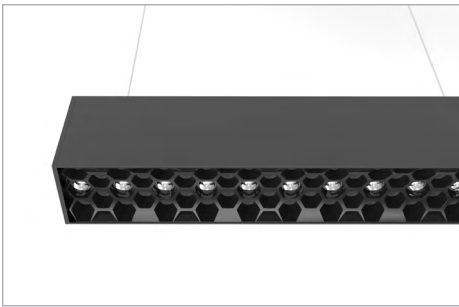
W= 3^{3/4"}

H= 3^{3/8"}



MOUNTING FLEXIBILITY

PENDANT



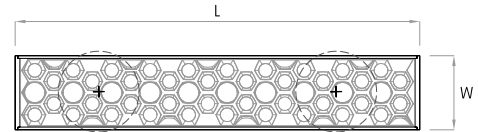
Actual

L= 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}"

X= 59" or 118"

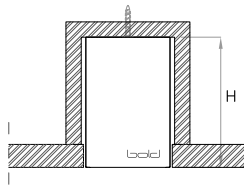
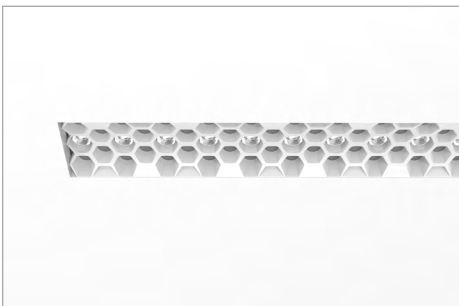


Note:

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

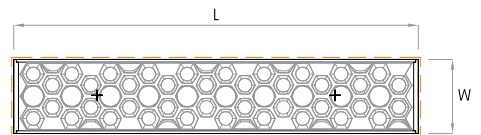


Actual

L= 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}"



DELIVERED LUMEN OUTPUT
Per Linear Foot

Output	Watts	CRI +90			
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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									
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	59 3/8
Recessed with Trim	85	3 3/8	75	3	328	12 15/16	628	24 3/4	928	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