

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 1600lm/m to 5110lm/m (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 : 220-240V / UNV 120-277V - 50Hz/60Hz
Load : 16W/m to 66W/m
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	12 300 mm
	P Pendant	24 600 mm
	M Millwork	36 900 mm
		48 1200 mm
		60 1500 mm
		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: **BKH** - P12W - L21 - W - E927 - 0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 1600lm/m (16W)	2 220-240V	H No Dimming	W Flat White	S 10°	9 +90	27 2700K	0 No
G Grey	M² 2785lm/m (33W)	U⁴ Universal 120 to 277V	I 0-10V to 1%	B Flat Black	M 20°		30 3000K	9⁵ 90 mins
W White	H² 3835lm/m (49W)		K DALI to 1%	N Black Nickel	F 35°		35 3500K	
X Custom RAL	V² 5110lm/m (66W)		L ELV Dimming	C Specular Chrome	W 60°		40 4000K	
	U³ 2785lm/m (33W)		M DMX	E Diffuse Gold	E 10°x 40°		TW 2700K - 5000K	
	A³ 5110lm/m (66W)	N⁵ LUTRON	X Custom	G 25°x 50°				

Notes:
¹ 150 mm 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.

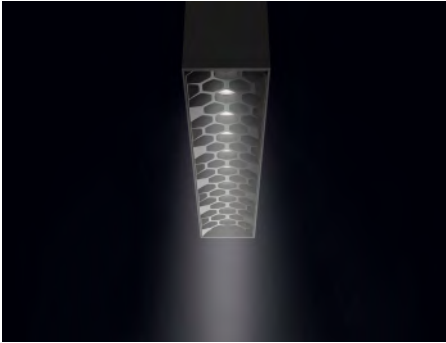
Consult factory for lead-times.
 Consult factory for systems using multiple optics and mounting configurations.



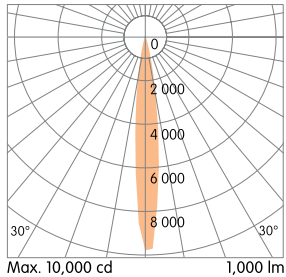
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OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION



10° Beam Angle

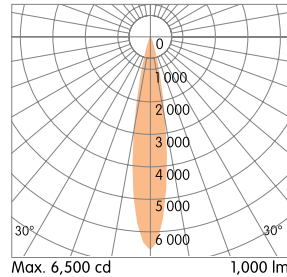


A super-narrow 10° optic is ideal for high-ceiling applications and for emphasizing texture on vertical surfaces and architectural elements.

NARROW DISTRIBUTION

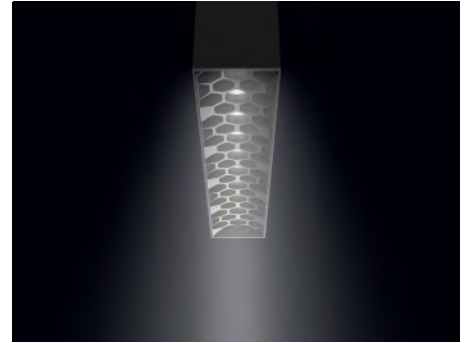


20° Beam Angle

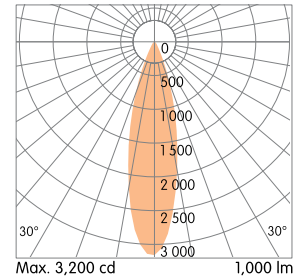


The narrow 20° beam can be used to provide a subtle graze around a perimeter or on vertical surfaces. It is also ideal for general illumination where double or triple height spaces present challenges.

MEDIUM DISTRIBUTION



35° Beam Angle

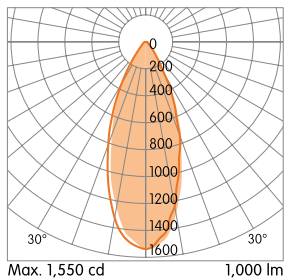


The 35° medium beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

WIDE BEAM DISTRIBUTION

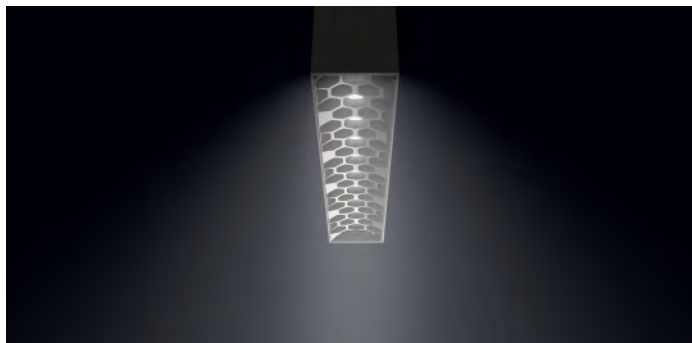


60° Beam Angle

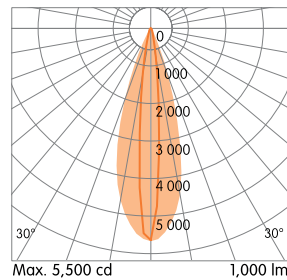


The 60° wide beam is a versatile distribution that can be used in a wide range of spaces and is a good balance between light punch and ambient uniformity.

ELLIPTICAL BEAM DISTRIBUTION

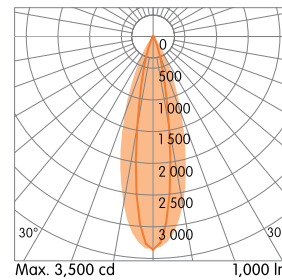


10° x 40° Beam Angle



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

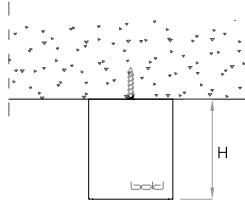
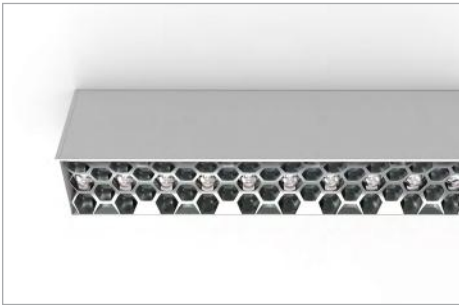
25° x 50° Beam Angle



MOUNTING FLEXIBILITY

Per Millimeter

SURFACE MOUNTED

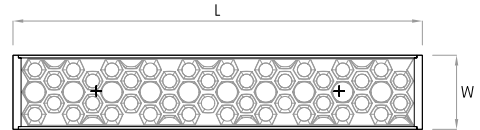


Actual (mm)

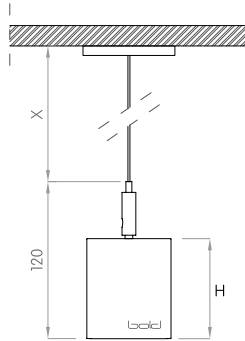
L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713
3013 | Continuous runs

W= 55

H= 65



PENDANT



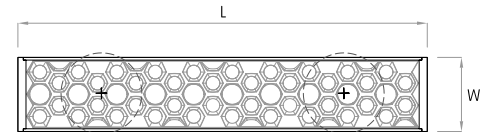
Actual (mm)

L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713
3013 | Continuous runs

W= 55

H= 65

X= 1500 or 3000

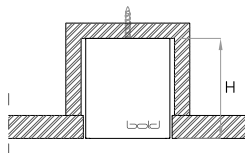
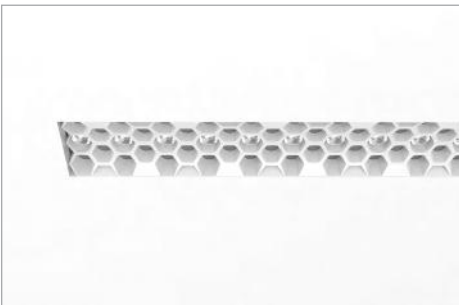


Note:

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)

MILLWORK

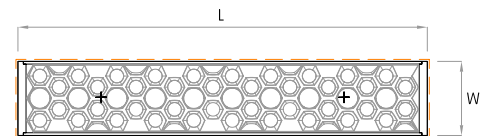


Actual (mm)

L= 313 | 613 | 913 | 1213 | 1513 | 1813 | 2113 | 2413 | 2713
3013 | Continuous runs

W= 55

H= 65



DELIVERED LUMEN OUTPUT

Per Meter

Output Watts CRI +90

STATIC-WHITE		2700K	3000K	3500K	4000K
L	16W	1600 lm	1600 lm	1600 lm	1600 lm
M	33W	2785 lm	2785 lm	2785 lm	2785 lm
H	49W	3835 lm	3835 lm	3835 lm	3835 lm
V	66W	5110 lm	5110 lm	5110 lm	5110 lm

TUNABLE WHITE 2700K-5000K		2700K	5000K
U	33W	2785 lm	2785 lm
A	66W	5110 lm	5110 lm

DIMENSIONS TABLE

Per Meter

		12"	24"	36"	48"	60"	72"	84"	96"	108"	120"	
	Height	Width	Actual Length									
Surface Mounted	65	55	313	613	913	1213	1513	1813	2113	2413	2713	3013
Pendant	65	55	313	613	913	1213	1513	1813	2113	2413	2713	3013
Millwork	65	55	313	613	913	1213	1513	1813	2113	2413	2713	3013

