BILLET

INDOOR HONEYCOMB

bold lighting

Architectural SSL Magazine
PIA'20
product innovation award

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 bold illumination and a decorative aesthetic while maintaining minimal glare. Like all Bold products, 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 : IP44

INSTALLATION

Environment : Dry / Damp Location
Mounting : Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless) / Millwork / Surface Mounted / Pendant
Dimensions : Refer to dimension table

LIGHT SOURCE

Direct Light Source : Hi-power LEDs / Mid-Power LEDs
Luminous Output : from 500lm/ft. to 2,500lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K / 4000K / Tunable White (2700K-5000K)[3] / Dim to Warm (3000K-1800K)[3]
Color Rendering Index : Ra80 / Ra90

OPTICS

Optical Distribution : 10° / 25° / 35° / Batwing (60°) / Lambertian / Elliptical (15°x30°) / Asymmetric
Glare Control : UGR<19

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 4W/ft. to 22W/ft.
Output Type : Constant Current
Driver Type : Integral / Remote
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume

Series		Mounting	Overall Height
BHI	SR	Surface mount (Remote Driver)	2 5/8 in.
	SI	Surface mount (Integral Driver)	3 3/8 in.
	RI	Recessed with trim (ICA) (Integral Driver)	3 3/8 in.
	RT	Recessed trimless (ICA) (Integral Driver)	3 3/8 in.
	PR	Pendant mount (Remote Driver)	2 9/16 in.
	PI	Pendant mount (Integral Driver)	3 3/8 in.
	MI	Millwork recessed (ICA) (Integral Driver)	3 3/8 in.
	MR	Millwork recessed (ICA) (Remote Driver)	2 5/8 in.

*For Ingrade mounting refer to Billet outdoor specification.

Code example: **BHI**-RT-L-8-27-S-WF-W-00-C8

Output [4]		CRI		Color Temp		Beam		Baffles Finish		Body Finish		Dimming		Nominal Length	
A	825lm/ft (4W)	8	+80	27	2700K	S	10°	WF	Flat White	W	Flat White	00	No Dimming	12	12" (30cm)
L	1000lm/ft (9W)	9	+90	30	3000K	N	25°	SB	Specular Black	B	Flat Black	11	0-10V to 1%	24	24" (60cm)
S	1554lm/ft (15W)			35	3500K	M	35°	BN	Black Nickel	G	Grey	10	0-10V to Fade-off	36	36" (90cm)
H	2073lm/ft (22W)			40	4000K	B	60°	SC	Specular Chrome	C	Custom RAL	EL	ELV Dimming	48	48" (120cm)
W[1]	970lm/ft (12W)			WD[3]	3000K- 1800K	E	15° x 30°	DC	Diffuse Chrome			D1	DALI to 1%	60	60" (150cm)
T[2]	1170lm/ft (12W)			TW[3]	2700K - 5000K	A	Asymmetric	BG	Bright Gold			D2	DMX	C00	Continuous Run* *Measured in feet
						L	Lambertian	DG	Diffuse Gold			LT	LUTRON LDE1	For exact lengths refer to dimensions table.	
								C	Custom			Hi-lume 1% EcoSystem Soft-on, Fade-to-Black dimming			

Notes:
[1] Denotes output specific to Dim-to-Warm at 3000K.
[2] Denotes output specific to Tunable White at full on.
[3] Custom CCT ranges available upon request.
[4] Denotes output at 3000K, unless otherwise noted.

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

Bold Lighting
4710 Ecton Dr. Unit F & G, Marietta, GA 30066, USA
info@boldlighting.us www.boldlighting.us
t: +1 833-BOLD-1-US +1 833-265-3187

OPTICAL FLEXIBILITY

SUPER-NARROW DISTRIBUTION

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

NARROW DISTRIBUTION

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 challanges.

MEDIUM DISTRIBUTION

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.

BATWING DISTRIBUTION

A batwing beam distribution is ideal for open spaces with low ceilings. This light distribution offers high uniformity on horizontal surfaces and allows for wide on-center spacing layouts.

ELLIPTICAL BEAM DISTRIBUTION

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

ASYMMETRIC DISTRIBUTION

The asymmetric distribution is ideal for illuminating surfaces not centered with the profile position in the ceiling. It helps solve issues of alignment in challenging spaces.

LAMBERTIAN DISTRIBUTION

The lambertian curve is the most versatile distribution for general lighting. It offers a soft and even illumination on both horizontal and vertical surfaces.

Bold Lighting
4710 Ecton Dr. Unit F & G, Marietta, GA
30066, USA
info@boldlighting.us
www.boldlighting.us
t: +1 833-BOLD-1-US *+1 833-265-3187*

MOUNTING FLEXIBILITY

SURFACE MOUNTED

Remote Driver

Integral Driver

Actual

L= $11^{25/32}$" | $23^{1/16}$" | $34^{11/32}$" | $45^{5/8}$" | $56^{7/8}$" | Continuous runs

W= $2^{5/32}$"

H1= $2^{5/8}$" with remote driver

H2= $3^{3/8}$" with integral driver

RECESSED WITH TRIM

Integral Driver

Actual

L= $12^{7/16}$" | $23^{23/32}$" | $35^{3/16}$" | $46^{9/32}$" | $57^{9/16}$" | Continuous runs

W= $2^{15/16}$"

H= $3^{3/8}$" with integral driver

RECESSED TRIMLESS

Integral Driver

Actual

L= $11^{1/2}$" | $22^{25/32}$" | $34^{1/16}$" | $45^{11/32}$" | $56^{5/8}$" | Continuous runs

W= 2"

H= $3^{3/8}$" with integral driver

PENDANT

Remote Driver

Integral Driver

Actual

L= $11^{25/32}$" | $23^{1/16}$" | $34^{11/32}$" | $45^{5/8}$" | $56^{7/8}$" | Continuous runs

W= $2^{5/32}$"

H1= $2^{5/8}$" with remote driver

H2= $3^{3/8}$" with integral driver

Bold Lighting
4710 Ecton Dr. Unit F & G, Marietta, GA 30066, USA
info@boldlighting.us www.boldlighting.us
t: +1 833-BOLD-1-US *+1 833-265-3187*

MOUNTING FLEXIBILITY

MILLWORK

Integral Driver

Actual

L= 11 25/32" | 23 1/16" | 34 11/32" | 45 5/8" | 56 7/8" | Continuous runs

W= 2 5/32"

H= 3 3/8" with integral driver

DELIVERED LUMEN OUTPUT

		CRI 80			CRI 90		
Output	**Consumption**	**2700K**	**3000K**	**4000K**	**2700K**	**3000K**	**4000K**
A	4W	757lm	825lm	877lm	675lm	675lm	735lm
L	9W	919lm	1000lm	1065lm	819lm	945lm	1027lm
S	15W	1423lm	1554lm	1657lm	1267lm	1282lm	1395lm
H	22 W	1905lm	2073lm	2211lm	1696lm	1717lm	1875lm

		CRI 80		CRI 90	
Output	**Consumption**	**1800K**	**3000K**	**1800K**	**3000K**
W	12W	970lm		858lm	
		2700K	**5000K**	**2700K**	**5000K**
T	12 W	1053lm	1170lm	858lm	1014lm

DIMENSIONS TABLE

	Height		Width		12" Actual Length		24" Actual Length		36" Actual Length		48" Actual Length		60" Actual Length	
	mm	**inch**	**mm**	**inch**	**mm**	**inch**	**mm**	**inch**	**mm**	**inch**	**mm**	**inch**	**mm**	**inch**
Surface Mounted	85	I 3 11/32 R 2 5/8	55	2 5/32	299.05	11 25/32	585.53	23 1/16	872.09	34 11/32	1158.49	45 5/8	1444.97	56 7/8
Recessed with Trim	85	3 11/32	75	2 15/16	316.05	12 7/16	602.53	23 23/32	893.38	35 3/16	1175.49	46 9/32	1461.97	57 9/16
Recessed Trimless	85	3 11/32	51	2	292.05	11 1/2	578.53	22 25/32	865.01	34 1/16	1151.49	45 11/32	1437.97	56 5/8
Pendant	85	I 3 11/32 R 2 5/8	55	2 5/32	299.05	11 25/32	585.53	23 1/16	872.09	34 11/32	1158.49	45 5/8	1444.97	56 7/8
Millwork	85	3 11/32	55	2 5/32	299.05	11 25/32	585.53	23 1/16	872.09	34 11/32	1158.49	45 5/8	1444.97	56 7/8

Bold Lighting
4710 Ecton Dr. Unit F & G, Marietta, GA 30066, USA
info@boldlighting.us www.boldlighting.us
t: +1 833-BOLD-1-US *+1 833-265-3187*