

BLADE

Vandal Resistant

BLD LED



WALL MOUNT /
MULLION MOUNT LED

Fixture Type


Date

Job Name

Approved By

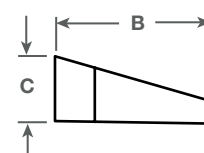
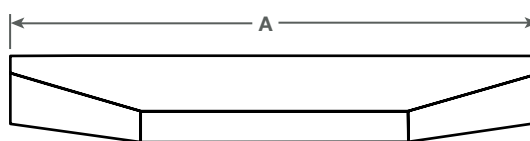
Catalog Number

SPECIFICATIONS

Description	The Blade combines a sleek, patent pending design shaped with high performance, full cut off optics to achieve unobtrusive illumination of a space or path of egress. When mounted over a doorway or mullion, the fixture is perceived as an element of the building structure, and, additionally, provides water protection in the form of a drip cap over the entranceway. Multiple lengths are available to match a given door opening and our quick-mount system facilitates installation and maintenance.	
Housing	Marine grade heat treated extruded aluminum. Chemically primed and finished with robotically applied polyester powder coat.	
Wall Mount	Marine grade heat treated extruded aluminum. Chemically primed and finished with robotically applied polyester powder coat. Designed to provide quick mounting to housing and secured with (2) captive stainless steel TORX® head screws.	
Lens Frame	Marine grade heat treated extruded aluminum. Secured to fixture (4) captive stainless steel TORX® head screws.	
Lens	UV stabilized diffused extruded polycarbonate.	
End Plate	Die-cast marine grade aluminum. Chemically primed and finished with robotically applied polyester powder coat.	
Drivers	Constant current drivers at 700mA.	
LED	Samsung LM561B+ Series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L ₇₀ projected life of 130,000 hours at 50°C. Tested in accordance with LM-80. Ten year warranty on LED boards against operational defects.	
Gaskets	Closed cell self-adhesive neoprene to provide watertight seal between fixture and mounting surface.	
UL Listing	U.L., C.U.L., Wet standard.	
Lifetime Warranty	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.	

DIMENSIONAL DATA

	A	B	C
BLD 12	20.0"	5.6"	2.4"
BLD 24	30.8"	5.6"	2.4"
BLD 36	41.6"	5.6"	2.4"
BLD 48	52.4"	5.6"	2.4"
BLD 72	74.0"	5.6"	2.4"



ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
BLD 12	5W	2700K	120-277	CC	DP	BLK	DIM	EMB10ST	
	10W	3000K		DIM		BRZ	2B	EMB310	
BLD 24	10W	3500K		PRD		SIL	PC	EMB310ST	
	20W	4000K				WHT	PC BT	EMB20R	
BLD 36	15W	5000K				CUST	GLR	EMB125R	
	30W						OCC	EMB250R	
BLD 48	20W						OCC50	EMBDA	
	35W						KO	ST/SC	
BLD 72	30W								
	55W								
	PRD - Specify Watts or Lumens Above								

CC = Constant Current (Standard)

DIM = 0-10V Dimming, 10% at lowest level

PRD = Programmable driver. Specify Watts or Lumens under "LED" in Ordering Information. N/A with BLD 12.

OPTIONS

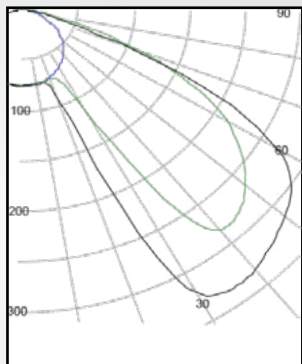
LENS	DP = Diffused Polycarbonate.
COLORS	BLK = Black BRZ = Bronze SIL = Silver WHT = White CUST = Custom Color (Consult Factory)
DIM	0-10V dimming driver. 10% at lowest level. N/A with BLD 12.
PC	Photoelectric switch. N/A with 2B option or any EMB options.
PC BT	Bluetooth connected daylight harvesting photocell mounted in machine hole in lens frame. Optional passive infrared occupancy sensor. N/A with EMB options in BLD 12, BLD24, and BLD36.
2B	(2) LED drivers for independent LED board operation. N/A with BLD 12, N/A with OCC options, N/A with EMB310, N/A with EMB310ST.
GLR	Fuse and fuse holder.
OCC	Passive infrared sensor mounted in machine hole in lens frame for on/off operation. Maximum coverage of 10' radius from 8' height. N/A with BLD 12.
OCC50	Passive infrared sensor mounted in machine hole in lens frame. 50% of LED's constantly on and 50% sensed. N/A with BLD 12 and BLD 24.
KO	1/2" knock out in both end plates.
EMB10ST	1000 lumen self-testing, self-contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Not available in 347V. Available for BLD24, BLD36, BLD48, and BLD72 lengths only. N/A with 2B option in BLD24. Meets CA Title 20 Standards.
EMB310	1000 lumen self-contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Available for BLD36, BLD48, and BLD72 lengths only. Meets CA Title 20 standards.
EMB310ST	1000 lumen self-testing, self-contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Available for BLD36, BLD48, and BLD72 lengths only. Meets CA Title 20 Standards.
EMB20R	Remote mounted micro inverter that will operate a 25W maximum load for 90 minutes. 0°C (32°F) to 45°C (113°F).
EMB125R	Remote inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F). Not available in 347V.
EMB250R	Remote inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F). Not available in 347V.
EMBDA	Two drivers and two emergency battery packs self-contained within fixture for independent light engine operation. Each battery pack will operate each light engine for a minimum of 90 minutes. Available in the BLD 72 only.
ST/SC	Slotted screws instead of TORX® head.
TX/SD	TORX® head bit.

PHOTOMETRIC DATA

Model	Watts	Input Watts		Delivered Lumens								
				2700K		3000K		3500K		4000K		5000K
BLD 12	5W	6.5W		447		452		461		476		490
BLD 12	10W	11.8W		875		885		903		931		958
BLD 24	10W	10.6W		962		973		993		1024		1055
BLD 24	20W	21.3W		1885		1907		1946		2006		2066
BLD 36	15W	14.7W		1444		1461		1491		1537		1583
BLD 36	30W	29.6W		2828		2860		2919		3009		3099
BLD 48	20W	19.6W		1926		1948		1987		2049		2111
BLD 48	35W	36.4W		3770		3812		3890		4011		4132
BLD 72	30W	29.4W		2969		3003		3064		3159		3254
BLD 72	55W	57.1W		5789		5855		5974		6184		6345
BLD xx	PRD			Programmable Driver. Must specify Watts or Lumens in Ordering Information.								

MODEL: BLD12-5W-4000K

Delivered Lumens: 476 Lumens

**IES FILE: BLD12-5W-4000K**

Total Power: 7W

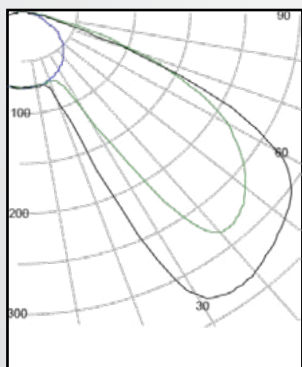
Testing was performed in accordance with IES LM-79-08

Bug Rating: B0U0G1

Zone	Lumens	% Luminaire
0 - 30	69	14.5
0 - 40	149	31.1
0 - 60	359	75.5
60 - 90	117	24.5
0 - 90	476	100.0
90 - 180	0	0.0
0 - 180	476	100.0

MODEL: BLD36-15W-4000K

Delivered Lumens: 1537 Lumens

**IES FILE: BLD36-15W-4000K**

Total Power: 14.7W

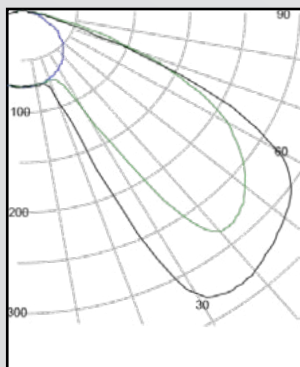
Testing was performed in accordance with IES LM-79-08

Bug Rating: B0U0G1

Zone	Lumens	% Luminaire
0 - 30	377	124.5
0 - 40	640	41.6
0 - 60	1219	79.3
60 - 90	317	20.7
0 - 90	1537	100.0
90 - 180	0	0.0
0 - 180	1537	100.0

MODEL: BLD36-30W-4000K

Delivered Lumens: 3009 Lumens

**IES FILE: BLD36-30W-4000K**

Total Power: 29.6W

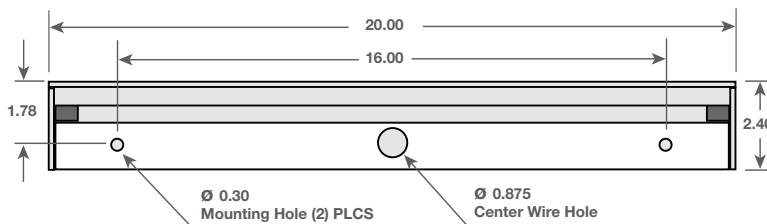
Testing was performed in accordance with IES LM-79-08

Bug Rating: B1U0G1

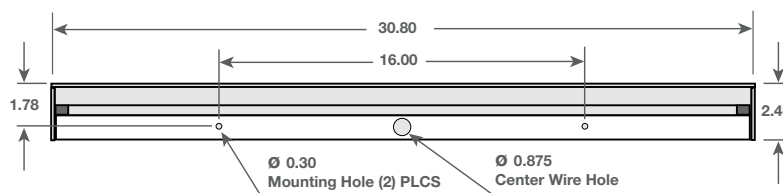
Zone	Lumens	% Luminaire
0 - 30	739	24.6
0 - 40	1253	41.6
0 - 60	2387	79.3
60 - 90	622	20.7
0 - 90	3009	100.0
90 - 180	0	0.0
0 - 180	3009	100.0

MOUNTING DETAIL

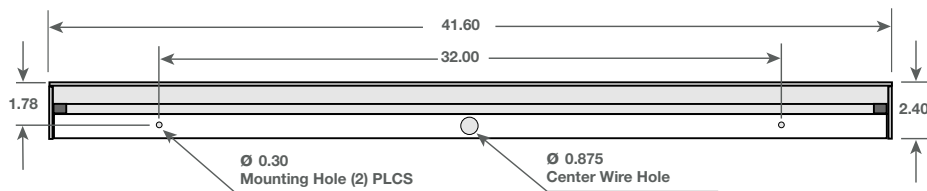
BLD12



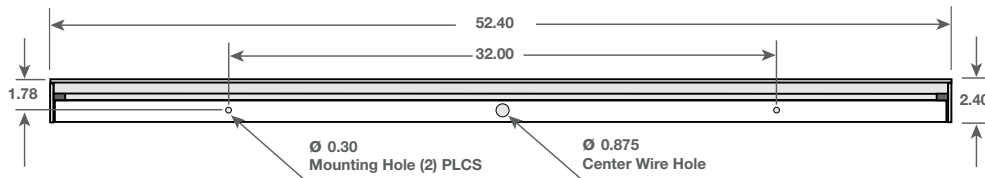
BLD24



BLD36



BLD48



BLD72

