



BLADE BLD

Vandal Resistant

BLD LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

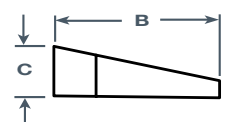
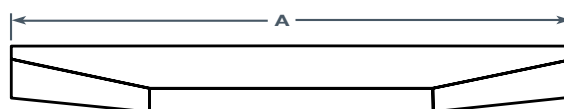


SPECIFICATIONS

Description	The Blade BLD 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	Extruded UV stabilized opal polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.
End Plate	Die-cast marine grade aluminum. Chemically primed and finished with robotically applied polyester powder coat.
Drivers	Dimming to 1%, 10% or Programable Lumen Output driver options. Non-Dimming Driver is also available.
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L70 projected life of over 130,000 hours at 50°C.
Gaskets	Closed cell self-adhesive neoprene to provide watertight seal between fixture and mounting surface.
UL Listing	U.L., C.UL. Wet Location Listing standard.
Government Procurement	BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.
Warranty	Lifetime warranty, Luminaire LED incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. 10-year warranty on LED boards against operational defects. Tested in accordance with LM-80. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.
Note	Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. The product images shown are for illustration purposes only and may not be an exact representation of the product. Specifications subject to change without notice.

DIMENSIONAL DATA

	A	B	C
BLD12	20.0"	5.6"	2.4"
BLD24	30.8"	5.6"	2.4"
BLD36	41.6"	5.6"	2.4"
BLD48	52.4"	5.6"	2.4"
BLD72	74.0"	5.6"	2.4"



ORDERING INFORMATION

Example: BLD 48IN MIN1 35W 27K 120 DP WHT

Series*		Size (Nominal)* ¹	Drivers*		Dual Drivers	Wattage (Nominal) ¹			Lumens (For PRD Only)
BLD	Mullion Mountable Vandal Resistant Full Cut-off Path of Egress Luminaire	12IN ^{2,3} 24IN ^{4,5,6} 36IN ⁷ 48IN ⁸ 72IN	MIN1 MIN10 NODIM PRD	Dimming to 1% Dimming to 10% Non-Dimming Driver Driver Programmed to Specific Lumen Output Consult Factory	2DRV ^{9,10} Two LED drivers for independent LED board operations.	5W 10W 15W	20W 30W 35W	55W	200LM - 6300LM - Lumens available in 100LM increments <i>Lumens required if PRD driver chosen</i>
				<i>PRD not available with Wattage</i> <i>PRD standard 0-10V dimming to 1%</i>		<i>Required for all drivers except PRD driver</i>			

CCT*		Voltage*		Lens*	Finish*	
27K	2700K	120	120 Volt	DP Diffused Polycarbonate	BLK	Black
30K	3000K	277	277 Volt		WHT	White
35K	3500K	MVOLT	120-277 Volt		BRZ	Bronze
40K	4000K	347 ^{9,11,12}	347 Volt		GRY	Gray
50K	5000K				SIL	Silver
					CUST	Custom Color, Consult Factory
					RALTB	Ral Paint finishes
					RALTB for pricing only. Replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options	

*Required

OPTIONS

Emergency ¹³					
EMB310	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). 1000 lumens			EMB20R ^{15,16}	Remote mounted micro inverter that will operate a 25W maximum load for 90 min. 0°C (32°F) to 45°C (113°F)
EMB310ST	Self-testing, self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F) Meets CA Title 20 Standards. 1000 lumens			EMB125R ¹⁶	Remote inverter that will operate a maximum 125W load for 90 min. 20°C (68°F) to 30°C (86°F)
EMB310T20	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 1000 lumens			EMB250R ¹⁶	Remote inverter that will operate a 250W maximum load for 90 min. 20°C (68°F) to 30°C (86°F)
EMB10ST	Self-testing, self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F) Meets CA Title 20 Standards. 1000 lumens				
EMBDA ^{14,19}	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				

Knockout		Fusing	Photocell	Sensors		Hardware	
K02	Optional mouse hole in both end caps for accessing 1/2" knockout	GLR ¹⁷ Fuse and Fuse Holder	PC ^{11,17} Photoelectric Switch	PIR ¹⁸	Passive Infrared Occupancy Sensor/Daylight Harvesting Photocell. Maximum coverage 10' radius from 8' height.	PHSC	Phillips Head instead of TORX® head
				PIR50 ^{9,18,19}	Passive Infrared Occupancy Sensor/Daylight Harvesting Photocell. Maximum coverage 10' radius from 8' height. 50% of LED's constantly on and 50% sensed on/off <i>RCHRC required for Field Adjustable Settings</i>		

Ordering Notes

1. See Size and Wattage Chart
2. Not available with EMB10ST, EMB310, EMB310ST, or EMB310T20
3. 12IN with MIN1 or PRD; Not available with PIR
4. Not available with MIN1 or PRD and EMB10ST, EMB310, EMB310ST, or EMB310T20
5. Not available with 2DRV and PIR or PIR50
6. Not available with PIR or PIR50 and EMB10ST, EMB310, EMB310ST, or EMB310T20
7. 36IN with MIN1 or PRD; Not available with 2DRV and EMB10ST, EMB310, EMB310ST, EMB310T20
8. 48IN with MIN1 or PRD; Not available with 2DRV and PIR or PIR50 and EMB10ST, EMB310, EMB310ST, or EMB310T20
9. Not available with 12IN
10. 24IN with 2DRV; Not available with EMB10ST, EMB310, EMB310ST, or EMB310T20
11. Not available with PIR or PIR50
12. Not available in 24IN with 2DRV
13. Not available with 347
14. Only available in 72IN
15. Not available with Wattage or 25W or PRD
16. Not available with MVOLT
17. Not available with MVOLT or 347
18. Not available with EMB20R, EMB125R, EMB250R
19. Must include 2DRV

Accessories: Order as separate catalog number.

- TXSD TORX® Screwdriver Bit
Initial shipment includes one (1) TXSD per fixture
- RCHRC Remote Control for Field Adjustable Sensor Settings
One (1) RCHRC per Job for PIR/PIR50 Sensor. Optional

SIZE & WATTAGE CHART

Size	Wattage
12IN	5W 10W
24IN	10W 20W
36IN	15W 30W
48IN	20W 35W
72IN	30W 55W

SIZE & LUMEN CHART (For PRD)

Size	Lumen Range
12IN	200LM - 1000LM
24IN	400LM - 2100LM
36IN	600LM - 3100LM
48IN	800LM - 4100LM
72IN	1200LM - 6300LM

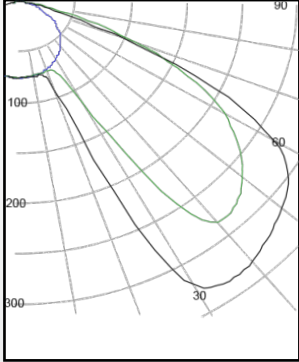
PHOTOMETRIC DATA

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

PHOTOMETRIC DATA

MODEL: BLD 12IN 5W 40K

Delivered Lumens: 476 Lumens



IES FILE: BLD 12IN 5W 40K

Total Power: 7W

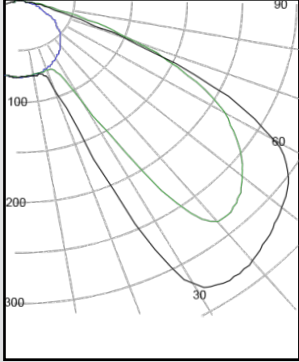
Testing was performed in accordance with IES LM-79-08

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: BLD 36IN 15W 40K

Delivered Lumens: 1537 Lumens



IES FILE: BLD 36IN 15W 40K

Total Power: 14.7W

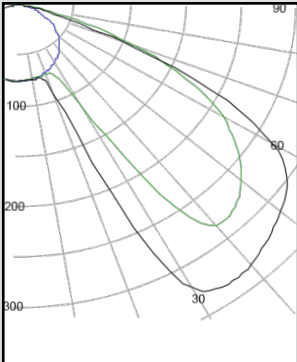
Testing was performed in accordance with IES LM-79-08

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: BLD 36IN 30W 40K

Delivered Lumens: 3009 Lumens



IES FILE: BLD 36IN 30W 40K

Total Power: 29.6W

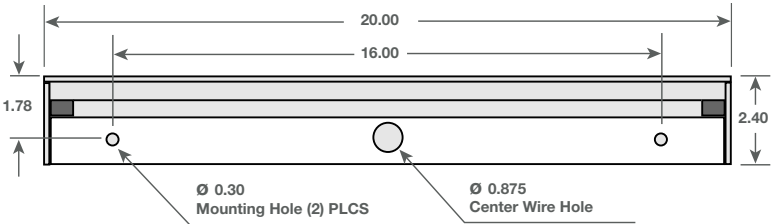
Testing was performed in accordance with IES LM-79-08

Bug Rating: B1U0G1

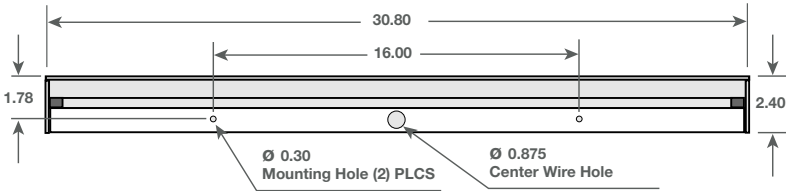
Zone	Lumens	% Luminaire
0 - 30	739	24.6
0 - 40	1253	41.6
0 - 60	2387	79.3
60 - 90	622	20.7
0 - 90	3009	100.0
90 -180	0	0.0
0 - 180	3009	100.0

MOUNTING PLATE DETAILS

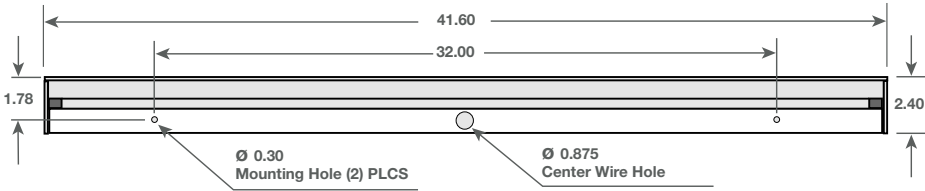
BLD12



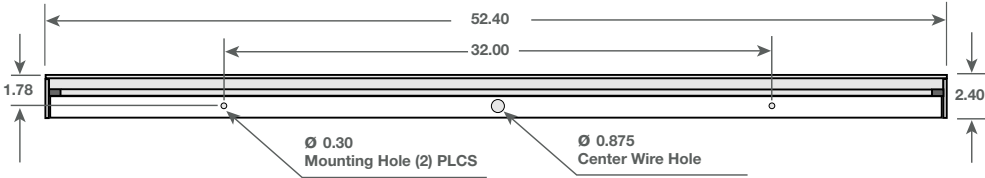
BLD24



BLD36



BLD48



BLD72

