

ARCHITECTURAL EGRESS

Vandal Resistant

AEL Amber Full Cut-Off Wildlife Friendly LED



Fixture Type

Date

Job Name

Approved By

Catalog Number

SPECIFICATIONS

Description The Architectural Egress Luminaire combines a unique, patented design shaped with high performance, full cut-off optics to achieve completely unobtrusive illumination of a space or path of egress. When mounted over a doorway, 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 doorway. Multiple lengths are available to match a given door opening and our unique 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, clear anodized. Secured to fixture via integral concealed hinge and (3) captive stainless steel TORX® head screws.

Lens UV stabilized diffused extruded polycarbonate.

End Caps Die-cast marine grade aluminum continuously welded to housing. All welds ground smooth.

Reflector Electrostatically brightened anodized aluminum PVD coated and absolutely color-free of iridescence. Shaped to provide full cutoff, LED point dispersion and maximum efficiency.

Drivers Constant current drivers at 350mA. 120-277V only.

LED Cree Amber LED. Ten year warranty on LED boards against operational defects.

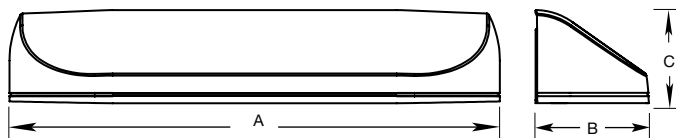
Gaskets Closed cell self-adhesive neoprene to provide watertight seal between fixture and wall and between fixture and lens frame.

Listings 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
AEL 12	20.79	5.40	3.60
AEL 24	32.04	5.40	3.60
AEL 36	43.29	5.40	3.60
AEL 48	54.75	5.40	3.60
AEL 72	78.75	5.40	3.60



5 Sutton Place
P.O. Box 2162
Edison, NJ 08818

www.luminaireled.net
P. 732.549.0056



Luminaire LED Incorporated products are manufactured in the USA with components purchased from USA suppliers, and meet the Buy American requirements under the ARRA. Content of specification sheets is subject to change; please consult our website for current product information.

Rev: 02/19+

ORDERING INFORMATION

SERIES	LED	VOLTS	LENS	COLOR	OPTIONS		TX/SD
AEL 12	10W Amber	120-277	DP	BKH	PC	A/B	
AEL 24	10W Amber			BZH	2B	EMB20R	
AEL 36	15W Amber			SVH	GLR	EMB125R	
AEL 48	20W Amber			WOP	OCC	EMB250R	
AEL 72	30W Amber			PCP	OCC50	ST/SC	
				CUST			

OPTIONS

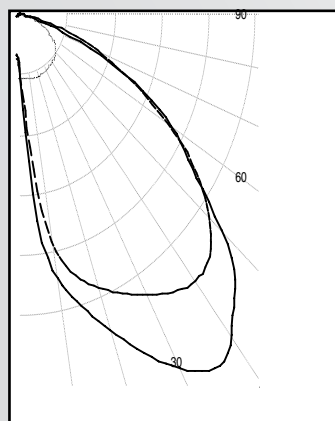
LENS	DP = Diffused Polycarbonate.
COLORS	BKH = Black (Hammerstone) BZH = Bronze (Hammerstone) SVH = Silver (Hammerstone) WOP = White (Textured White) PCP = Black (Prime Coat Paintable) CUST = Custom Color (Consult Factory)
PC	Photoelectric switch.
2B	(2) LED drivers for independent LED board operation. N/A with AEL12. N/A with OCC option.
GLR	Fuse and fuse holder.
OCC	Passive infrared sensor mounted in machine hole in end cap. All LEDs sensed on/off. Maximum coverage of 10' radius from 8' height.
OCC50	Passive infrared sensor mounted in machine hole in end cap. 50% of LED's constantly on and 50% sensed on/off. Not available in AEL12.
A/B	Aluminum surface back box. Finished with polyester powder coat to match the fixture.
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	Stand-alone 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	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F). Not available in 347V.
ST/SC	Phillips head screws instead of TORX® head.
TX/SD	TORX® head bit.

PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens
AEL 12 Amber	10W	9.2W	292
AEL 24 Amber	10W	9.9W	312
AEL 36 Amber	15W	14.8W	468
AEL 48 Amber	20W	19.7W	625
AEL 72 Amber	30W	29.6W	936

MODEL AEL12-10W Amber

Delivered Lumens: 292 Lumens



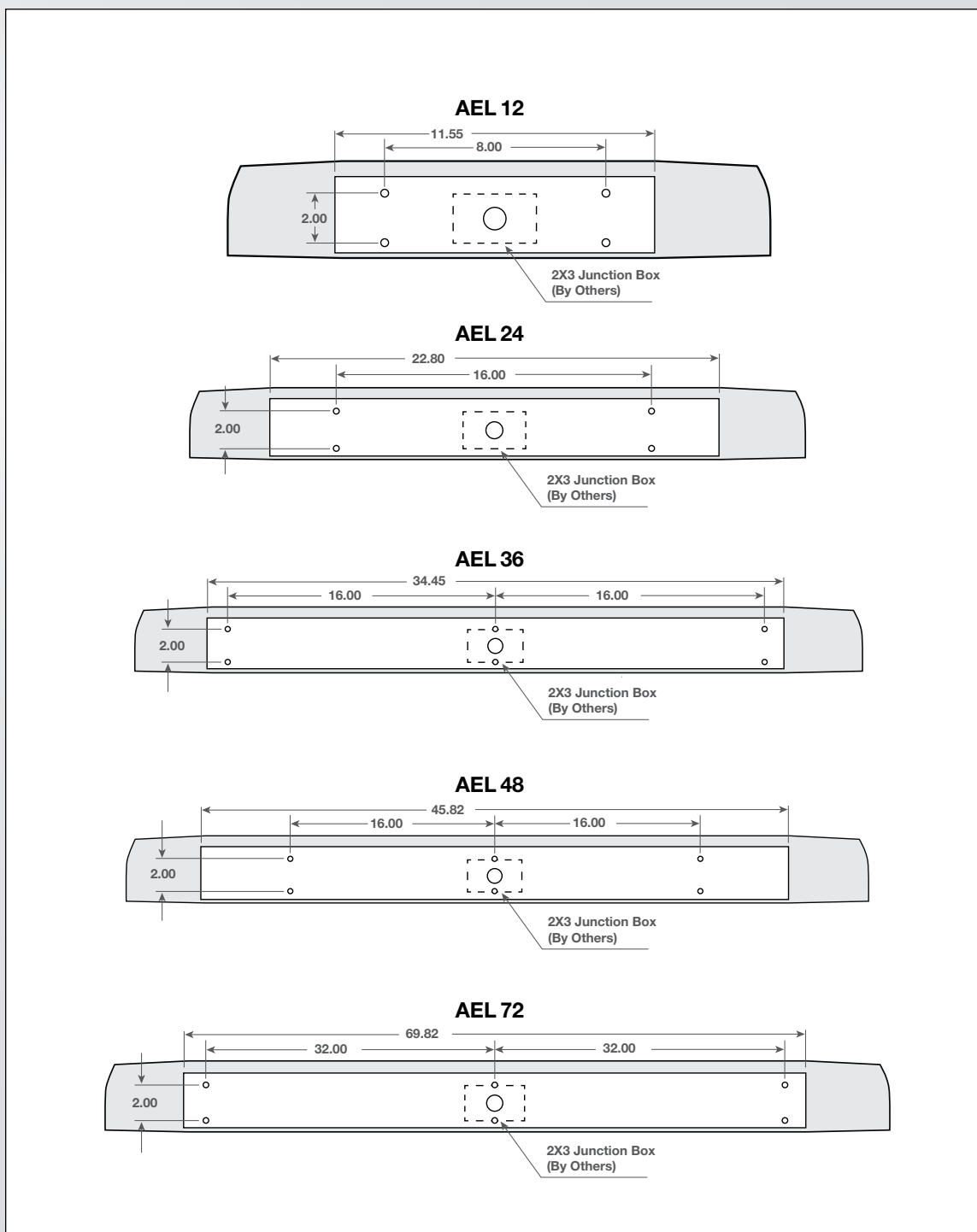
IES FILE: AEL12-10W Amber

Total Power: 9.22W

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

Zone	Lumens	% Lamps
0 - 30	81	27.7
0 - 40	136	46.6
0 - 60	243	83.4
60 - 90	48	16.6
0 - 90	292	100.0
90 -180	0	0.0
0 - 180	292	100.0

MOUNTING PLATE DETAILS



ALUMINUM BACKBOX DETAIL

A/B Detail

	A	B	C
AEL 12 Backbox	20.80	5.20	1.50
AEL 24 Backbox	31.48	5.20	1.50
AEL 36 Backbox	43.30	5.20	1.50
AEL 48 Backbox	54.75	5.20	1.50
AEL 72 Backbox	78.75	5.20	1.50

