

DESCRIPTION

The Lumière Eon LED 303-A1-LEDB1 is a compact, low profile, dimmable, ground mounted LED accent lighting luminaire. It is provided with diffused lens and has been designed to allow the head to rotate 180° for accurate aiming. The luminaire mounts directly to an integral recessed junction box and comes standard with an ELV, reverse phase dimming, universal input LED driver (120 - 277V, 50/60 Hz). An optional 0 - 10V dimming driver is available. The 303-A1-LEDB1 fixture may be used indoors or outdoors and carries an IP66 rating.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

The 303-A1-LEDB1 is precision machined from corrosion-resistant 6061-T6 aluminum. It is available with either a 6", 12" or 18" length extruded stem. Consult factory for additional lengths. The head of the luminaire can be adjusted for easy aiming. The base of the 303-A1 can be rotated 360° and locked in position. Stainless steel hardware is included.

Mounting

The luminaire mounts directly to an integral black polyester powder coated recessed junction box. Located on the bottom of the integral recessed junction box are two (2) 1/2 NPSM threaded conduit entries. A direct mount stability plate is also provided.

For further mounting information see technical notes section on page 2.

Optical

LightBAR™ and optical assembly are sealed by a clear, impact resistant tempered glass lens. The optical assembly is available in three distributions: T2 (lateral throw), T4 (forward throw) and T5X (Extra Wide Flood). Available in several color temperatures: 2700K, 3000K, 3500K, 4000K and TSAM (Amber). Both color temperature and distribution must be specified when ordering – see catalog logic for details. An edge-lit option is available.

Electrical

The 8.5W 303-A1-LEDB1 is standard with an ELV trailing edge phase dimmable driver that accepts a universal input (120-277, 50/60Hz). It will operate in -40°C to 50°C [-40°F to

122°F]. The driver incorporates surge protection. An optional 0-10V dimming driver is also available.

Finish

The luminaires are double protected by a RoHS compliant chemical film undercoating and polyester powder coat paint finish. A variety of standard colors are available. RAL and custom color matches available upon request. Luminaires can also be brushed with a clear coat finish. The LightBAR™ cover plates are standard white.

Warranty

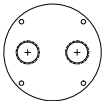
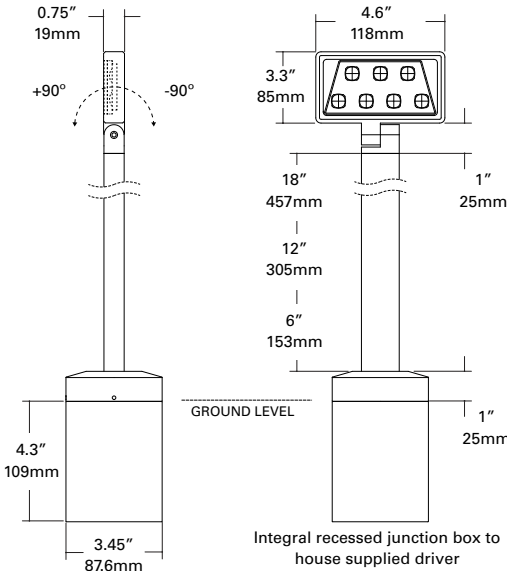
Lumière warrants the EON series of fixtures against defects in material and workmanship for five (5) years. Auxiliary equipment such as LED drivers carries the original manufacturer's warranty.



303-A1-LEDB1

EON LED

APPLICATIONS:
ACCENT
GROUND MOUNT



Integral box has two 1/2 NPSM threaded conduit entries located on the bottom.

CERTIFICATION DATA

UL and cUL Wet Location Listed
LM79 / LM80 Compliant
ROHS Compliant
IP66 Ingress Protection Rated

TECHNICAL DATA

50°C Maximum Temperature Rating
External Supply Wiring 90°C Minimum



ORDERING INFORMATION

Sample Number: 303-A1-LEDB1-2700-UNV-T2-DIM10-BK-12-EDGE

Series ⁵	Color Temperature	Input Voltage	Optics	Dimming	Finish ¹	Stem Length ²	Options ^{3,4}
303-A1-LEDB1 Head contains one (1) Mini LightBAR™	2700=2700K 3000=3000K 3500=3500K 4000=4000K TSAM =Turtle Safe Amber (585-595nm)	UNV=Universal 120-277, 50/60Hz	T2=Type II, Lateral Throw T4=Type IV, Forward Throw T5X=Type V, Extra Wide Flood	DIMELV=Trailing Edge Phase DIM10=0-10V Dimming	Painted BK=Black BZ=Bronze CS=City Silver WT=White Premium Finish BA=Brushed	6=6" Stem 12=12" Stem 18=18" Stem	EDGE=Edge lit glass lens LCF=LightBAR cover plate matches housing finish

NOTES: 1 Custom and RAL color matching available upon request. Consult factory for further information. 2 Stem lengths are nominal (shown in inches). 3 Add suffix in the order shown. 4 LCF option not available when WT (white) finish is selected. 5 DesignLights Consortium™ Qualified and classified for DLC Standard. Refer to www.designlights.org for details on exact qualified EON 303-A1-LEDB1 product as not all configurations are DLC classified.

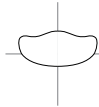
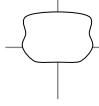
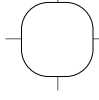
LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	TM-21 Reported L70(10k) (Hours)	Theoretical L70 (Hours)
25°C	> 94%	> 60,000	365,000
40°C			
50°C			

CURRENT DRAW

Model	Line Voltage	Current Draw
303-A1-LEDB1	120-277V, 50/60Hz	0.068A

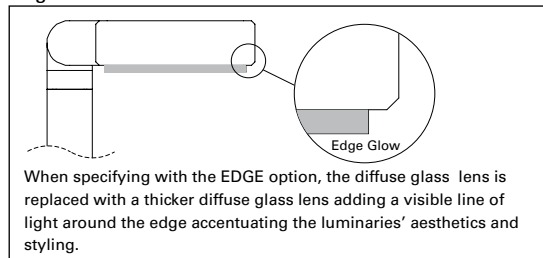
LUMENS - CRI/CCT TABLE

Optic Type	Distribution	Watts	Delivered Lumens	LPW	CCT (K) / Color	CRI nom. / Wavelength
T2 (Lateral Throw)		8.5	354	42	2700	95
			588	71	3000	75
			411	50	3500	85
			648	77	4000	75
		6.5	180	28	TSAM (Amber)	585-595nm
T4 (Forward Throw)		8.5	310	37	2700	95
			541	65	3000	75
			360	43	3500	85
			568	67	4000	75
		6.5	158	24	TSAM (Amber)	585-595nm
T5X (Extra Wide Flood)		8.5	381	46	2700	95
			663	80	3000	75
			443	53	3500	85
			698	83	4000	75
		6.5	194	30	TSAM (Amber)	585-595nm

NOTES: 1 When the LCF option is selected use a lumen multiplier of .85

OPTIONS

Edge



TECHNICAL NOTES

1. If luminaire will not be dimmed, the luminaire must still be ordered with DIMELV option.
2. Integral recessed junction box is 3.4 inches in diameter and has 4.3 inches below ground level. It is machined from aluminum 6061-T6 and is double protected by a RoHS compliant chemical film undercoating and black polyester powder coat paint finish. It has two 1/2 NPSM conduit entries on the bottom of the box.
3. Stability plate directly mounts to base of integral recess box with four (4) screws. In addition, four (4) holes to accept 3/8" threaded anchor bolts if necessary.

