

## DESCRIPTION

The Lumière Eon LED 303-A1-LEDB2 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-LEDB2 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-LEDB2 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 15.5W 303-A1-LEDB2 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.

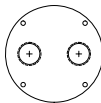
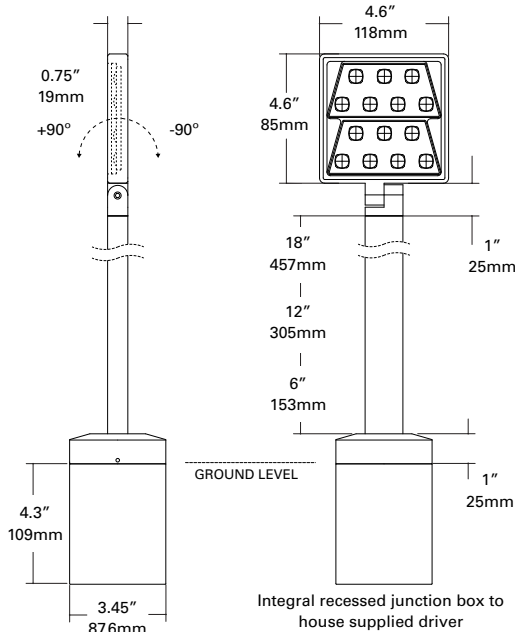
### Warranty

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-LEDB2 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 Ingressed Protection Rated

### TECHNICAL DATA

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



## ORDERING INFORMATION

Sample Number: 303-A1-LEDB2-2700-UNV-T2-DIM10-BK-12-EDGE

Series <sup>2</sup>	Color Temperature	Input Voltage	Optics	Dimming	Finish <sup>1</sup>	Stem Length <sup>2</sup>	Options <sup>3,4</sup>
<b>303-A1-LEDB2</b>  Head contains two (2) Mini LightBAR™	<b>2700</b> =2700K <b>3000</b> =3000K <b>3500</b> =3500K <b>4000</b> =4000K <b>TSAM</b> =Turtle Safe Amber (585-595nm)	<b>UNV</b> =Universal 120-277, 50/60Hz	<b>T2</b> =Type II, Lateral Throw <b>T4</b> =Type IV, Forward Throw <b>T5X</b> =Type V, Extra Wide Flood	<b>DIMELV</b> =Trailing Edge Phase <b>DIM10</b> =0-10V Dimming	<b>Painted</b> <b>BK</b> =Black <b>BZ</b> =Bronze <b>CS</b> =City Silver <b>WT</b> =White <b>Premium Finish</b> <b>BA</b> =Brushed	<b>6</b> =6" Stem <b>12</b> =12" Stem <b>18</b> =18" Stem	<b>EDGE</b> =Edge lit glass lens <b>LCF</b> =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](http://www.designlights.org) for details on exact qualified EON 303-A1-LEDB2 product as not all configurations are DLC classified.

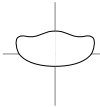
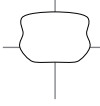
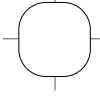
## LUMEN MAINTENANCE

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-LEDB2	120-277V, 50/60Hz	0.13A

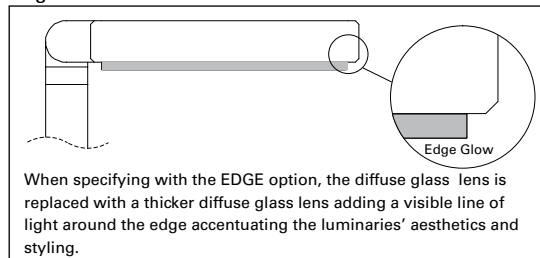
## LUMENS - CRI/CCT TABLE

Optic Type	Distribution	Watts	Delivered Lumens	LPW	CCT (K) / Color	CRI nom./ Wavelength
T2 (Lateral Throw)		15.5	691	44	2700	95
			1148	73	3000	75
			802	51	3500	85
			1265	81	4000	75
		12.1	351	29	TSAM (Amber)	585-595nm
T4 (Forward Throw)		15.5	647	42	2700	95
			1075	69	3000	75
			751	48	3500	85
			903	76	4000	75
		12.1	329	27	TSAM (Amber)	585-595nm
T5X (Extra Wide Flood)		15.5	779	50	2700	95
			1293	83	3000	75
			904	58	3500	85
			1425	91	4000	75
		12.1	399	33	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 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.

