

Project		Catalog #		Type	
Prepared by		Notes		Date	



Lumière

EON 303-A1-LEDB1

Accent
Ground Mount

Typical Applications

- Hospitality • Commerical Landscape • Outdoor Area/Site • Residential
- Architectural

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Product Certification



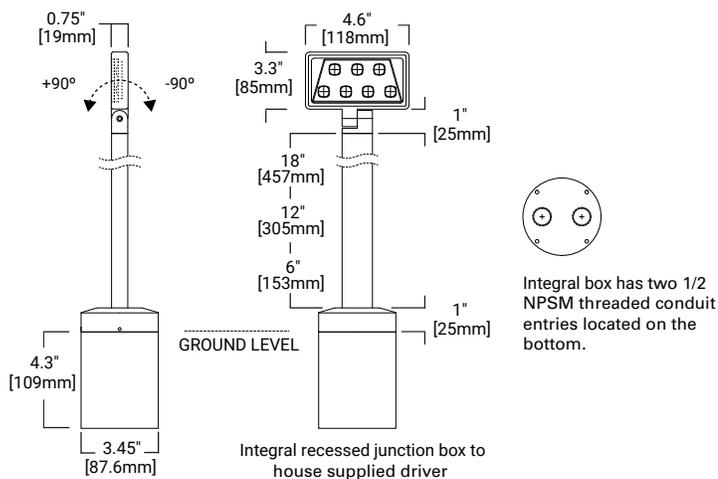
Product Features



Top Product Features

- 180° x 360° Adjustable
- 2700K, 3000K, 3500K or 4000K Color Temperature and Amber (585-595nm)
- Forward/Lateral Throw or Flood Optics with diffuse glass sealed lens
- Patented AccuLED Optics™ System
- Universal Input LED Driver Included (120 - 277V, 50/60 Hz)
- ELV or 0-10 Dimming

Dimensions



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

Order Information

SAMPLE ORDER NUMBER: 303-A1-LEDB1-2700-UNV-T2-DIM10-BK-12-EDGE

Series	Color Temperature	Input Voltage	Optics	Dimming	Finish	Stem Length	Options
303-A1-LEDB1 Head contains one (1) Mini LightBAR™	2700K =2700K 3000K =3000K 3500K =3500K 4000K =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 Painted 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	Notes	Notes	Notes	Notes	Notes (1) Custom and RAL color matching available upon request. Consult factory for further information.	Notes (2) Stem lengths are nominal (shown in inches).	Notes (3) Add suffix in the order shown. (4) LCF option not available when WT (white) finish is selected.

Product Specifications

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 3

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)
- 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
- 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

Approvals

- UL and cUL listed, standard wet label
- Tested according to IESNA LM-79 and LM-80 procedures
- ROHS Compliant
- IP66 Ingressed Protection rated

Warranty

- Lumiere 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

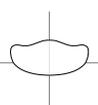
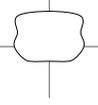
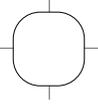
Lumen Maintenance

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

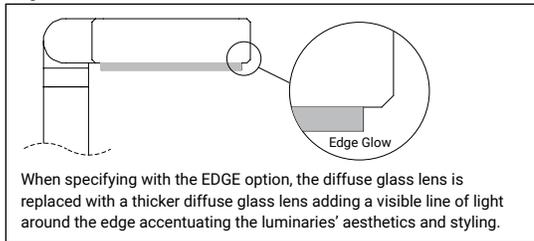
Lumens - CRI/CCT Table

Optic Type	Distribution	Watts	Delivered Lumens	LPW	CCT (K) / Color	CRI nom. / Wavelength
T2 (Lateral Throw)		8.5	520	61	2700	90
			535	63	3000	80
			581	68	3500	80
			568	67	4000	80
			6.5	180	28	TSAM
T4 (Forward Throw)		8.5	475	56	2700	90
			488	57	3000	80
			531	62	3500	80
			519	61	4000	80
			6.5	158	24	TSAM
T5X (Extra Wide Flood)		8.5	580	68	2700	90
			597	70	3000	80
			649	76	3500	80
			634	75	4000	80
			6.5	194	30	TSAM

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.

