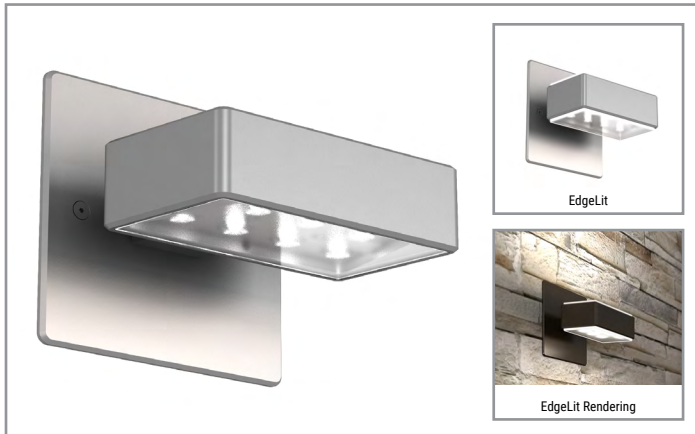


Project		Catalog #		Type	
Prepared by		Notes		Date	



## Lumière

### EON 303-W2-LEDB2

Ceiling / Wall Mount  
Direct / Indirect

#### Typical Applications

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

**Interactive Menu**

- Order Information page 2
- Product Specifications page 2
- Lumen Maintenance page 3
- Product Warranty

#### Product Certification



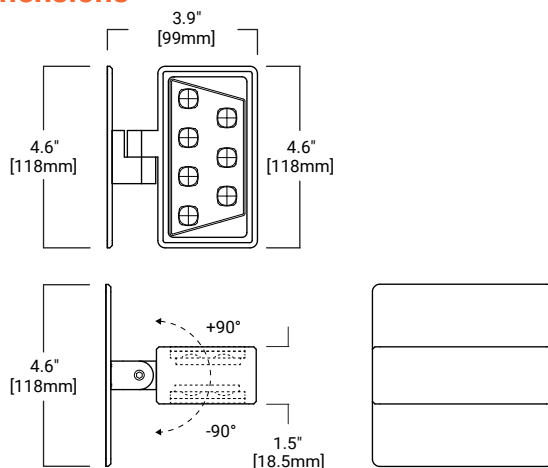
#### Product Features



#### Top Product Features

- 180° Adjustability at the knuckle
- 2700K, 3000K or 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**  
35°C Maximum Temperature Rating  
External Supply Wiring 90°C Minimum

## Order Information

SAMPLE ORDER NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-BK-EDGE

Domestic Preferences	Series	Color Temperature	Input Voltage	Optics	Dimming	Finish	Options
<b>Domestic Preferences</b> <sup>(4)</sup>	<b>Series</b>	<b>Color Temperature</b>	<b>Input Voltage</b>	<b>Optics</b>	<b>Dimming</b>	<b>Finish</b> <sup>(1,5)</sup>	<b>Options</b> <sup>(2,3)</sup>
<b>Blank</b> =Standard <b>BAA</b> =Buy American Act	<b>303-W2-LEDB2</b>  Head contains two (2) Mini LightBAR™ - one on top and bottom.	<b>2700K</b> =2700K <b>3000K</b> =3000K <b>3500K</b> =3500K <b>4000K</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>EDGE</b> =Edge lit glass lens <b>LCF</b> =LightBAR cover plate matches housing finish
<b>Notes</b>  (4) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>  (1) Custom and RAL color matching available upon request. Consult factory for further information. (5) Consult factory for premium / natural metals material finish.	<b>Notes</b>  (2) Add suffix in the order shown. (3) LCF option not available when WT (white) finish is selected.

## Product Specifications

## Construction

- Head and back plate are precision machined from corrosion-resistant 6061-T6 aluminum
- A universal mounting plate and one piece silicone key hole gasket is provided for adaption to junction box or surface
- Stainless steel hardware is included

## Mounting

- The luminaire mounts directly to a standard 4" square junction box
- For further mounting information see technical notes section on page 3

## Optical

- LightBAR™ and optical assembly are sealed by a diffused, impact resistant tempered glass lens
- The upright portion is always a T5X (Extra Wide Flood), while the downlight portion is available in three distributions: T2 (lateral throw), T4 (forward throw) and T5X
- The optical assembly is 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

- The specified distribution (T2, T4 or T5X) is associated with the downlight
- An edge-lit option is available

## Electrical

- The 8.5W 303-W2-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, surpassing the rigorous demands of the outdoor environment
- 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 and may be specified to match finish of luminaire housing (LCF)

## 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

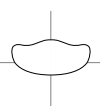
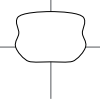
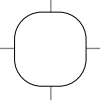
## Lumen Maintenance

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-W2-LEDB2	120-277V, 50/60Hz	0.13A

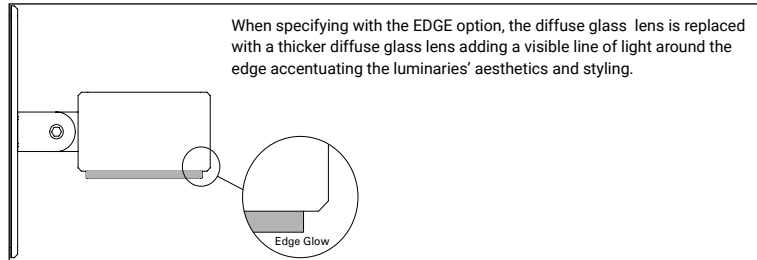
## Lumens - CRI/CCT Table

Optic Type	Distribution	Watts	Delivered Lumens	LPW	CCT (K) / Color	CRI nom. / Wavelength
T2 (Lateral Throw)		15.5	1039	67	2700	90
			1069	69	3000	80
			1162	75	3500	80
			1137	73	4000	80
			12.1	354	29	TSAM
T4 (Forward Throw)		15.5	949	61	2700	90
			977	63	3000	80
			1062	69	3500	80
			1039	67	4000	80
			12.1	332	27	TSAM
T5X (Extra Wide Flood)		15.5	1160	75	2700	90
			1193	77	3000	80
			1297	84	3500	80
			1269	82	4000	80
			12.1	372	31	TSAM

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

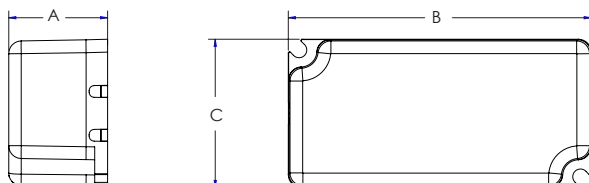
## Options

### Edge



## Technical Notes

- Junction box size and depth is important when specifying product. Recommended junction boxes include 2-1/8" deep, 4" square weld/drawn Crouse Hinds part numbers TP403, TP434, TP494, TP196, TP395 or equivalent. Use with included universal mounting plate or with Crouse-Hinds part number TP480 or equivalent cover with similar fixture mounting locations.
- The universal wall plate provided with all EON wall mount fixtures can be used with an outdoor rated two gang 30.5 cubic inch capacity outlet box. Cooper Crouse-Hinds part numbers TP7086 – TP7122 or equivalent. The universal mounting plate will attach with four (4) 6-32 pan head/flat stainless steel screws (not provided).
- Driver can be remote mounted in a junction box a max distance of 25 feet (voltage drop needs to be considered) or placed in the junction box behind the luminaire.
- When specifying with the EDGE option, the diffused glass becomes thicker adding a visible line of light around the edge accentuating the luminaires' aesthetics and styling.
- If Luminaire will not be dimmed, the Luminaire must be ordered with DIMELV option, but does not have to be dimmed.
- Driver Dimensions:



Luminaire Type	Dimming Type	Driver Dimensions in [mm]		
		A	B	C
303-W2-LEDB2	DIMELV	.98 [25.0]	3.36 [85.3]	1.49 [37.9]
	DIM10	1.18 [30.0]	3.49 [88.6]	1.64 [41.6]