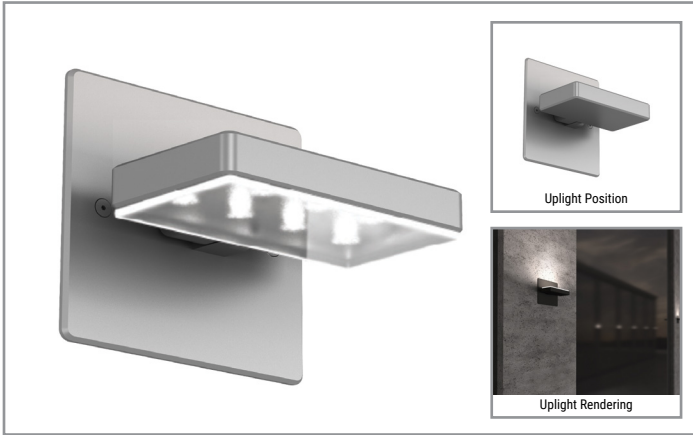


Project		Catalog #		Type	
Prepared by		Notes		Date	



Lumière

EON 303 Wall

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



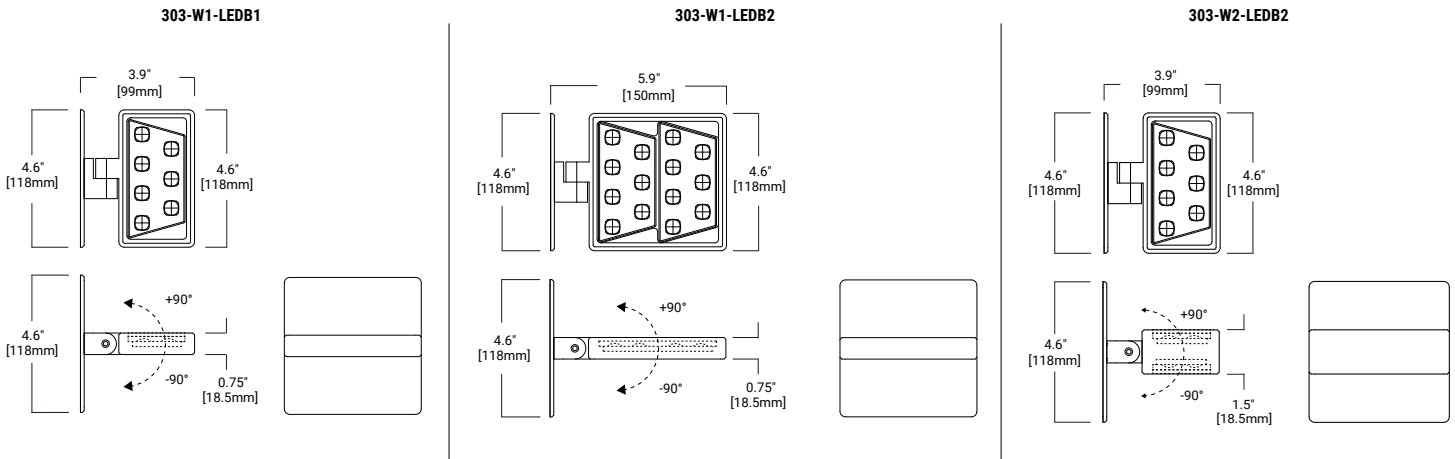
Product Features



Top Product Features

- Adjustable direct or indirect luminaire - 180° Adjustable at knuckle
- Patented AccuLED Optics(TM) System behind a sealed clear glass lens
- 120-277V input with ELV or 0-10V dimming options

Dimensions



Order Information

SAMPLE ORDER NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-BK-EDGE

Domestic Preferences	Series	Color Temperature	Input Voltage	Optics	Dimming	Finish	Options
Domestic Preferences ⁽¹⁾	Series	Color Temperature	Input Voltage	Optics	Dimming	Finish ^(2,3)	Options ^(4,5)
[Blank] =Standard BAA =Buy American Act BABA =Build America Buy America Act	303-W1-LEDB1 = Head contains ONE (1) Mini LightBAR™ 303-W1-LEDB2 = Head contains two (2) Mini LightBAR™ 303-W2-LEDB2 = Head contains two (2) Mini LightBAR™ - one on top and bottom.	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	EDGE =Edge lit glass lens LCF =LightBAR cover plate matches housing finish
Notes (1) Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Buy America Build America Act (BABA). Please see the Compliance section in Product Specifications for more detail.	Notes	Notes	Notes	Notes	Notes	Notes (2) Custom and RAL color matching available upon request. Consult factory for further information. (3) Consult factory for premium/natural metals material finish.	Notes (4) Add suffix in the order shown. (5) 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 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-W1-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, 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)

Compliance

- cULus Wet Location listed for up to 50°C ambient environments
- Tested according to IESNA LM-79 and LM-80 procedures
- RoHS Compliant
- Domestic preference option available to meet BAA requirements
- Domestic preference option available to meet BABA requirements. BABA is the minimum Government compliance requirement for the Buy America Build America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards
- Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyze under domestic preference requirements
- IP66 rated
- Dark Sky Approved (3000K CCT and warmer only)

Warranty

- Five-year limited warranty. Consult website for details: www.cooperlighting.com/legal

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-W1-LEDB1	120-277V, 50/60Hz	0.068A
303-W1-LEDB2		0.13A
303-W2-LEDB2		0.13A

 View IES files

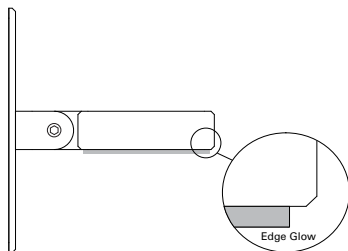
Lumens - CRI/CCT Table

Optic Type	Distribution	CCT (K) / Color	CRI nom. / Wavelength	W1-LEDB1				W1-LEDB2				W2-LEDB2			
				Watts	Delivered Lumens	LPW	B-U-G Rating	Watts	Delivered Lumens	LPW	B-U-G Rating	Watts	Delivered Lumens	LPW	B-U-G Rating
T2 (Lateral Throw)		2700	90	8.5	520	61	B0-U0-G0	15.5	1052	68	B1-U0-G1	15.5	1039	67	B0-U4-G0
		3000	80		535	63			1082	70			1069	69	
		3500	80		581	68			1177	76			1162	75	
		4000	80		568	67			1151	74			1137	73	
		TSAM	585-595nm	6.5	180	28	12.1	351	29	12.1	354	29			
T4 (Forward Throw)		2700	90	8.5	475	56	B0-U0-G0	15.5	961	62	B0-U0-G1	15.5	949	61	B0-U4-G0
		3000	80		488	57			989	64			977	63	
		3500	80		531	62			1075	69			1062	69	
		4000	80		519	61			1052	68			1039	67	
		TSAM	585-595nm	6.5	158	24	12.1	329	27	12.1	332	27			
T5X (Extra Wide Flood)		2700	90	8.5	580	68	B1-U0-G0	15.5	1174	76	B1-U0-G0	15.5	1160	75	B1-U4-G0
		3000	80		597	70			1208	78			1193	77	
		3500	80		649	76			1313	85			1297	84	
		4000	80		634	75			1285	83			1269	82	
		TSAM	585-595nm	6.5	194	30	12.1	396	33	12.1	372	31			

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

Options

Edge

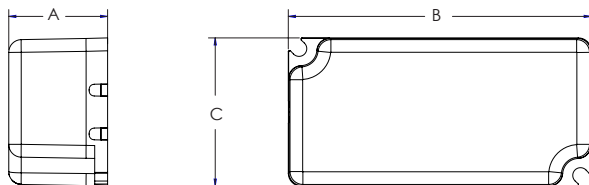


When specifying with the EDGE option, the diffuse glass lens is replaced with a thicker diffuse glass lens adding a visible line of light around the edge accentuating the luminaires' aesthetics and styling.

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.

6. Driver Dimensions:



Luminaire Type	Dimming Type	Driver Dimensions in [mm]		
		A	B	C
303-W1-LEDB1	DIMELV	.98 [25.0]	2.78 [70.5]	1.14 [28.9]
	DIM10	.98 [25.0]	3.36 [85.3]	1.49 [37.9]
303-W1-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]
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]