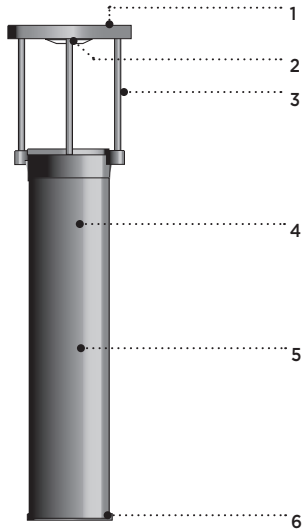


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE WATTAGE VOLTAGE FINISH OPTION OPTION OPTION OPTION



- 1- Heavy cast aluminum top cover with integral LED heat dissipating pad.
- 2- LED light engine.
- 3- Set of 4 x 1/2" (13) diameter aluminum struts.
- 4- LED electronic driver.
- 5- 8" (203) diameter extruded aluminum base.
- 6- Cast aluminum anchor plate.



MATERIALS

Eclipse is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED light engine is thermally and mechanically secured to a cast aluminum cover integrating a heat dissipation pad to optimize light performance.

ELECTRICAL

LED

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), optional 347V on request, minimum operating temperature of -30°C/-22°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery, and over temperature protection (110°C).

LED Type II & V light distribution via high performance optical lenses. Standard 4000K/80CRI. Optional 2700K, 3000K and 3500K. Removable modular LED platform.

Optional Amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.

LIFE

75,000hrs $L_{80}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
145,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

FINISH

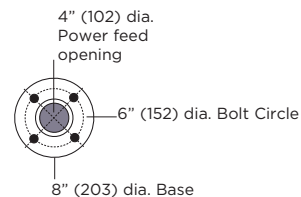
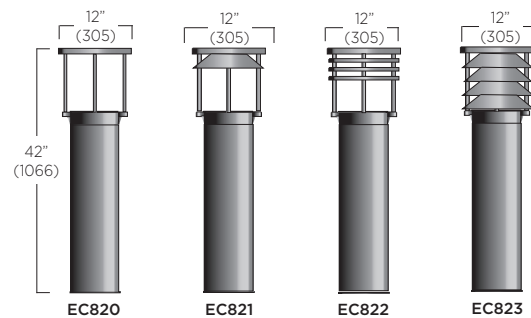
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

MOUNTING

Mounts with a set of 4 x 1/2"-13 x 18" lg. galvanized anchor bolts.





CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request. Rated IP55.



EC820/EC821/EC822/EC823 SERIES ECLIPSE MAXI - LED

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION (4000K/80CRI)			VOLTAGE ¹	FINISH	
 <input type="checkbox"/> EC820	Type II	MODEL	INPUT WATTS	DELIVERED LUMENS	<input type="checkbox"/> 120V <input type="checkbox"/> 277V Optional <input type="checkbox"/> 347V	STANDARD COLORS <input type="checkbox"/> WHT Snow white <input type="checkbox"/> BKT Jet black <input type="checkbox"/> BZT Bronze <input type="checkbox"/> MST Matte silver <input type="checkbox"/> GRT Titanium gray <input type="checkbox"/> DGT Gun metal <input type="checkbox"/> CHT Champagne <input type="checkbox"/> SGT Steel Gray <input type="checkbox"/> BGT English Cream OPTIONAL COLORS Wood grain finishes <input type="checkbox"/> NMR Mahogany red ² <input type="checkbox"/> NMO Maple oak ² <input type="checkbox"/> NTW Teak wood ² Base stand only <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color (Refer to color chart)
		<input type="checkbox"/> EC820-L1W12r1-R2	13W	1224		
<input type="checkbox"/> EC820-L1W18r1-R2	22W	2025				
<input type="checkbox"/> EC820-L1W30r1-R2	38W	3447				
<input type="checkbox"/> EC820-L1W48r1-R2	49W	4415				
Type V	<input type="checkbox"/> EC820-L1W12r1-R5	13W	1055			
	<input type="checkbox"/> EC820-L1W18r1-R5	22W	1743			
<input type="checkbox"/> EC820-L1W30r1-R5	38W	2943				
<input type="checkbox"/> EC820-L1W48r1-R5	51W	3854				
 <input type="checkbox"/> EC821	Type II	<input type="checkbox"/> EC821-L1W12r1-R2	13W	1295		
		<input type="checkbox"/> EC821-L1W18r1-R2	22W	2149		
<input type="checkbox"/> EC821-L1W30r1-R2	38W	3634				
<input type="checkbox"/> EC821-L1W48r1-R2	49W	4626				
Type V	<input type="checkbox"/> EC821-L1W12r1-R5	13W	1266			
	<input type="checkbox"/> EC821-L1W18r1-R5	22W	2105			
<input type="checkbox"/> EC821-L1W30r1-R5	38W	3569				
<input type="checkbox"/> EC821-L1W48r1-R5	49W	4665				
 <input type="checkbox"/> EC822	Type II	<input type="checkbox"/> EC822-L1W12r1-R2	13W	1295		
		<input type="checkbox"/> EC822-L1W18r1-R2	22W	2149		
<input type="checkbox"/> EC822-L1W30r1-R2	38W	3634				
<input type="checkbox"/> EC822-L1W48r1-R2	49W	4626				
Type V	<input type="checkbox"/> EC822-L1W12r1-R5	13W	1266			
	<input type="checkbox"/> EC822-L1W18r1-R5	22W	2105			
<input type="checkbox"/> EC822-L1W30r1-R5	38W	3569				
<input type="checkbox"/> EC822-L1W48r1-R5	49W	4665				
 <input type="checkbox"/> EC823	Type V	<input type="checkbox"/> EC823-L1W12r1-R5	13W	671		
		<input type="checkbox"/> EC823-L1W18r1-R5	22W	1099		
<input type="checkbox"/> EC823-L1W30r1-R5	38W	1828				
<input type="checkbox"/> EC823-L1W48r1-R5	51W	2361				
		AMBER LED LIGHT SELECTION				
		SUFFIX	INPUT WATTS	DELIVERED LUMENS		
		<input type="checkbox"/> L1W18K2A	17W	388		

OPTIONS

ELECTRICAL

- REML2-50** Remote mount battery backup for LED 90 mins, 7W
Remote mount to 50ft. 12" square enclosure with access cover
- EMLC2** Integral battery backup for LED, 90 mins, 7W (not compatible with PR8 option)
- FS** Fuse³
- PH** Photocell⁵
- 347L** 347V input power driver

MOUNTING

- PR8** Pedestal mount adaptor. OAH 19" (483).

LIGHT

- Alternate CCT °K LED (LCF: Lumen conversion factor)
- K27** 2700K CCT 80 CRI (LCF: 0.91)
 - K3** 3000K CCT 80 CRI (LCF: 0.94)
 - K35** 3500K CCT 80 CRI (LCF: 0.98)

NOTE: Other CCT & higher CRI available, please consult factory.

ACCESSORIES

- BLC** Back light control⁴
- GFI** Ground fault circuit interruption receptacle⁵
- CGF** Ground fault circuit interruption with clear in-use cover⁵

NOTES

- 1- Luminaires are factory prewired for 120V (if no voltage is specified). For other voltages, please specify with catalog number or consult factory.
- 2- Cast aluminum top & base covers are as follows for selected wood grain finishes: BZT paired with NMR; SGT paired with NMO; BGT paired with NTW (Other colors available. Please contact factory).
- 3- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires (except for other types of mounting).
- 4- BLC: Back Light Control - Type II Distribution.
- 5- GFI and CGF options are installed 18" above grade unless otherwise specified. CGF cover protrudes by 3.62" (92).

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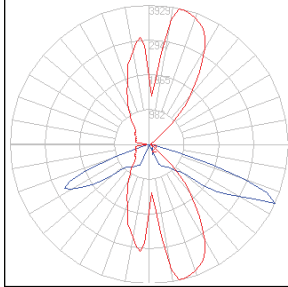
Luminaires may be altered for design improvement or discontinued without prior notice.

EC820/EC821/EC822/EC823 SERIES ECLIPSE MAXI - LED

TYPICAL PHOTOMETRY SUMMARY

EC820

TYPE II

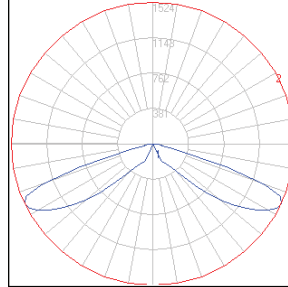


Descriptive Information

EC820-L1W48r1-R2

Total Lms: 4415 Lumens
Total Input Watts: 49.2 W
Source: LED
Efficacy: 89.7 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3929 @ 77.5°H/65°V

TYPE V



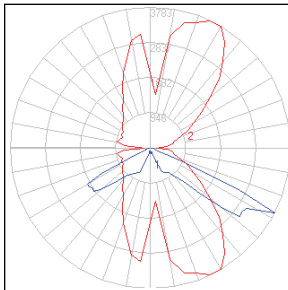
Descriptive Information

EC820-L1W48r1-R5

Total Lms: 3854 Lumens
Total Input Watts: 50.6 W
Source: LED
Efficacy: 76.2 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1524 @ 65°V

EC821

TYPE II

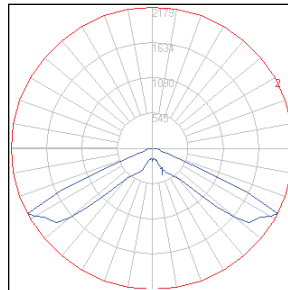


Descriptive Information

EC821-L1W48r1-R2

Total Lms: 4626 Lumens
Total Input Watts: 49.2 W
Source: LED
Efficacy: 94.0 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3783 @ 60°H/62.5°V

TYPE V



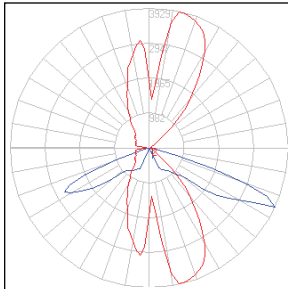
Descriptive Information

EC821-L1W48r1-R5

Total Lms: 4665 Lumens
Total Input Watts: 49.3 W
Source: LED
Efficacy: 94.7 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2179 @ 62.5°V

EC822

TYPE II

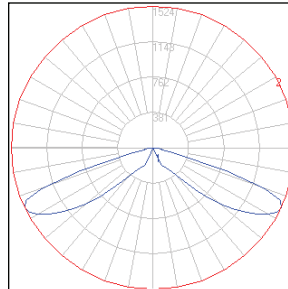


Descriptive Information

EC822-L1W48r1-R2

Total Lms: 4626 Lumens
Total Input Watts: 49.2 W
Source: LED
Efficacy: 94.0 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3783 @ 60°H/62.5°V

TYPE V



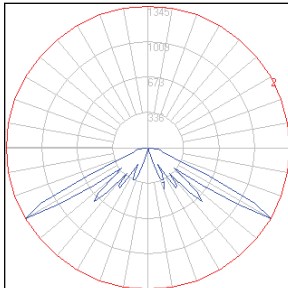
Descriptive Information

EC822-L1W48r1-R5

Total Lms: 4665 Lumens
Total Input Watts: 49.3 W
Source: LED
Efficacy: 94.7 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2179 @ 62.5°V

EC823

TYPE V



Descriptive Information

EC823-L1W48r1-R5

Total Lms: 2361 Lumens
Total Input Watts: 50.6 W
Source: LED
Efficacy: 46.7 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1345 @ 60°V

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