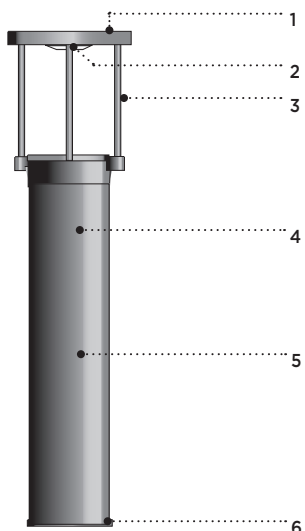


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:							
	FIXTURE	WATTAGE	VOLTAGE	FINISH	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.

EC820



EC821



12" dia. shade

EC822



Three aluminum louvers

EC823



Four 12" dia. conical louvers

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

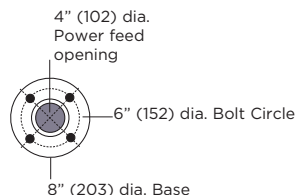
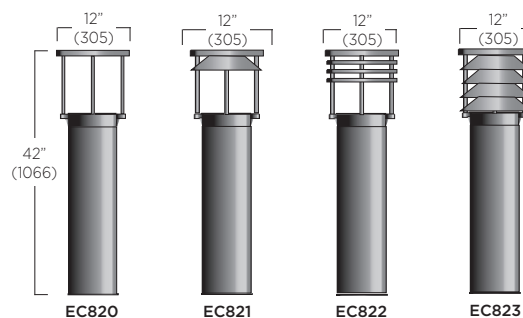
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

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
 ☐ EC820	Type II	☐ EC820-L1W12r1-R2 ☐ EC820-L1W18r1-R2 ☐ EC820-L1W30r1-R2 ☐ EC820-L1W48r1-R2	13W 22W 38W 49W	1224 2025 3447 4415	☐ 120V ☐ 277V Optional ☐ 347V
	Type V	☐ EC820-L1W12r1-R5 ☐ EC820-L1W18r1-R5 ☐ EC820-L1W30r1-R5 ☐ EC820-L1W48r1-R5	13W 22W 38W 51W	1055 1743 2943 3854	
 ☐ EC821	Type II	☐ EC821-L1W12r1-R2 ☐ EC821-L1W18r1-R2 ☐ EC821-L1W30r1-R2 ☐ EC821-L1W48r1-R2	13W 22W 38W 49W	1295 2149 3634 4626	STANDARD COLORS ☐ WHT Snow white ☐ BKT Jet black ☐ BZT Bronze ☐ MST Matte silver ☐ GRT Titanium gray ☐ DGT Gun metal ☐ CHT Champagne ☐ SGT Steel Gray ☐ BGT English Cream OPTIONAL COLORS Wood grain finishes ☐ NMR Mahogany red ² ☐ NMO Maple oak ² ☐ NTW Teak wood ² Base stand only ☐ CS Custom color ☐ RAL RAL# color (Refer to color chart)
	Type V	☐ EC821-L1W12r1-R5 ☐ EC821-L1W18r1-R5 ☐ EC821-L1W30r1-R5 ☐ EC821-L1W48r1-R5	13W 22W 38W 49W	1266 2105 3569 4665	
 ☐ EC822	Type II	☐ EC822-L1W12r1-R2 ☐ EC822-L1W18r1-R2 ☐ EC822-L1W30r1-R2 ☐ EC822-L1W48r1-R2	13W 22W 38W 49W	1295 2149 3634 4626	
	Type V	☐ EC822-L1W12r1-R5 ☐ EC822-L1W18r1-R5 ☐ EC822-L1W30r1-R5 ☐ EC822-L1W48r1-R5	13W 22W 38W 49W	1266 2105 3569 4665	
 ☐ EC823	Type V	☐ EC823-L1W12r1-R5 ☐ EC823-L1W18r1-R5 ☐ EC823-L1W30r1-R5 ☐ EC823-L1W48r1-R5	13W 22W 38W 51W	671 1099 1828 2361	
AMBER LED LIGHT SELECTION					
	SUFFIX	INPUT WATTS	DELIVERED LUMENS		
	☐ 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** Photocell³
- ☐ **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.

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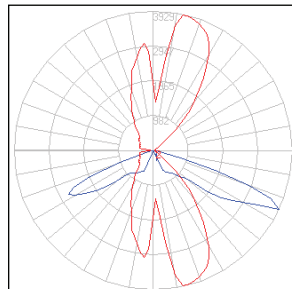
EC820/EC821/EC822/EC823 SERIES

ECLIPSE MAXI - LED

TYPICAL PHOTOMETRY SUMMARY

EC820

TYPE II

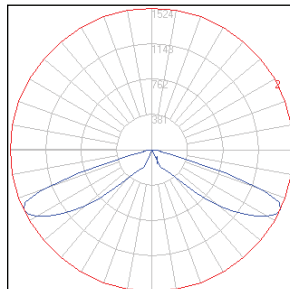


Descriptive Information

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



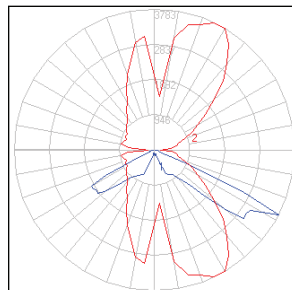
Descriptive Information

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

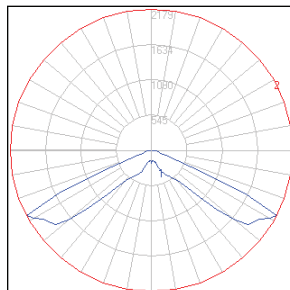


Descriptive Information

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



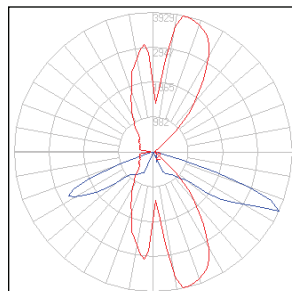
Descriptive Information

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

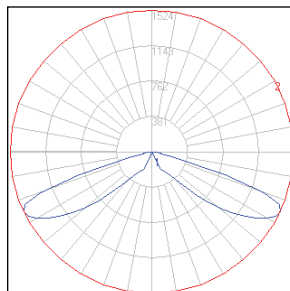


Descriptive Information

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



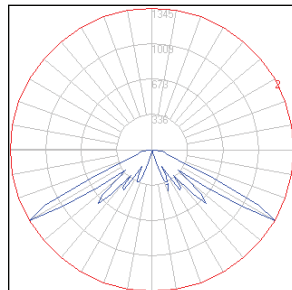
Descriptive Information

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

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

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