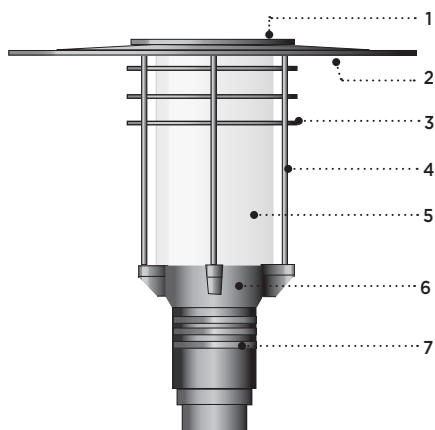


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE WATTAGE VOLTAGE FINISH OPTION OPTION OPTION OPTION



- 1- Heavy cast aluminum top cover with integral LED heat dissipating pad.
- 2- 30" dia. x .090" (2.3) thick hard aluminum top shade. Underside surface is painted white enamel to optimize light performance (EC813 only).
- 3- Set of three aluminum louvers.
- 4- Set of 4 X 1/2" (13) solid aluminum struts.
- 5- High impact white translucent UV stabilized acrylic diffuser.
- 6- Cast aluminum upper electrical housing.
- 7- Cast aluminum lower electrical housing.

EC812



EC813



MATERIALS

Eclipse is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

Light source is enclosed in a high impact white translucent UV stabilized acrylic sealed diffuser. Increased impact protection with a set of three aluminum louvers.

The lower cast aluminum housing fits with a 4" (102) or 5" (127) pole and contains all electrical controls on a removable tray.

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 Standard 4000K/80CRI. Optional 2700K, 3000K and 3500K. Removable modular LED platform.

LIFE

75,000hrs $L_{86B_{50}}$ (based on IESNA TM-21 Test Method and LM-80 data).
145,000hrs $L_{70B_{50}}$ (calculated projection from LM-80 data).

FINISH

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

MOUNTING

Maximum weight: 29lbs (13kg)

Eclipse is designed for ease of access and installation.

Standard luminaire mounts on a 4" (102) or 5" (127) pole.

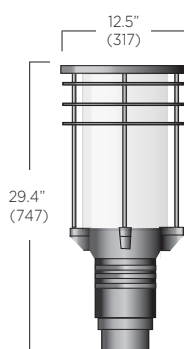
Alternate poles or wall attachments are proposed with high quality components to meet multiple installation conditions.

CERTIFICATION

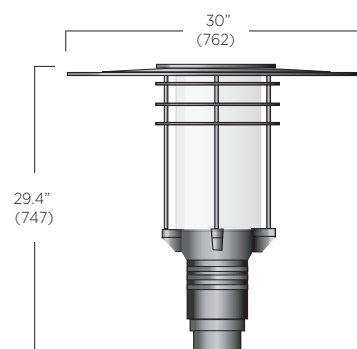
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.

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 IP65.



EC812
EPA: 0.96

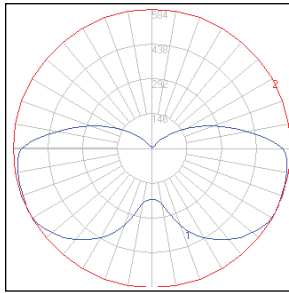


EC813
EPA: 1.25

EC812/EC813 SERIES

ECLIPSE MAXI - LED

TYPICAL PHOTOMETRY SUMMARY





Descriptive Information

EC812-L1W65r1
EC813-L1W65r1

Total Lms: 4553 Lumens
Total Input Watts: 60.1 W
Source: LED
Efficacy: 75.7 Lumens/Watt
BUG: B2-U4-G3
CCT/CRI: 4000K/80
Maximum Candela: 584 @ 65°V

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

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION					VOLTAGE ¹	FINISH																																																
 <input type="checkbox"/> EC812	<table><tr><th>SUFFIX</th><th>INPUT WATTS</th><th>DELIVERED LUMENS</th><th>CRI</th><th>CCT °K</th></tr><tr><td><input type="checkbox"/> L1W18r1</td><td>22W</td><td>1805</td><td>80</td><td>4000K</td></tr><tr><td><input type="checkbox"/> L1W30r1</td><td>38W</td><td>3035</td><td></td><td></td></tr><tr><td><input type="checkbox"/> L1W48r1</td><td>51W</td><td>3891</td><td></td><td></td></tr><tr><td><input type="checkbox"/> L1W65r1</td><td>60W</td><td>4553</td><td></td><td></td></tr></table>	SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT °K	<input type="checkbox"/> L1W18r1	22W	1805	80	4000K	<input type="checkbox"/> L1W30r1	38W	3035			<input type="checkbox"/> L1W48r1	51W	3891			<input type="checkbox"/> L1W65r1	60W	4553							<table><tr><th colspan="2">STANDARD COLORS</th></tr><tr><td><input type="checkbox"/> WHT</td><td>Snow white</td></tr><tr><td><input type="checkbox"/> BKT</td><td>Jet black</td></tr><tr><td><input type="checkbox"/> BZT</td><td>Bronze</td></tr><tr><td><input type="checkbox"/> MST</td><td>Matte silver</td></tr><tr><td><input type="checkbox"/> GRT</td><td>Titanium gray</td></tr><tr><td><input type="checkbox"/> DGT</td><td>Gun metal</td></tr><tr><td><input type="checkbox"/> CHT</td><td>Champagne</td></tr><tr><th colspan="2">OPTIONAL COLORS</th></tr><tr><td><input type="checkbox"/> CS</td><td>Custom color</td></tr><tr><td><input type="checkbox"/> RAL</td><td>RAL# color</td></tr><tr><td colspan="2">(Refer to color chart)</td></tr></table>	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	OPTIONAL COLORS		<input type="checkbox"/> CS	Custom color	<input type="checkbox"/> RAL	RAL# color	(Refer to color chart)	
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 <input type="checkbox"/> EC813																																																							

OPTIONS

ELECTRICAL	MOUNTING	ACCESSORIES
<input type="checkbox"/> FS Fuse ² <input type="checkbox"/> PH Photocell ² <input type="checkbox"/> 347L 347V input power driver	<input type="checkbox"/> AC8 Pole mount attachment with 45° support <input type="checkbox"/> 2AC8 Double pole mount attachment with 45° support at 180° <input type="checkbox"/> AW8 Wall mount attachment with 45° support <input type="checkbox"/> EC8P Pole mount attachment with stacked arms <input type="checkbox"/> 2EC8P Double pole mount attachment with stacked arms at 180° <input type="checkbox"/> EC8PS Pole mount attachment with short stacked arms (EC812 only) <input type="checkbox"/> 2EC8PS Double pole mount attachment with short stacked arms at 180° (EC812 only) <input type="checkbox"/> EC8W Wall mount attachment with stacked arms <input type="checkbox"/> EC8WS Wall mount attachment with short stacked arms (EC812 only) <input type="checkbox"/> TN3 3" Tenon pole adaptor ³ <input type="checkbox"/> PR8 Pedestal mount adaptor	<input type="checkbox"/> HS8 House side shield
LIGHT Alternate CCT °K LED (LCF: Lumen conversion factor) <input type="checkbox"/> K27 2700K CCT 80 CRI (LCF: 0.91) <input type="checkbox"/> K3 3000K CCT 80 CRI (LCF: 0.94) <input type="checkbox"/> K35 3500K CCT 80 CRI (LCF: 0.98) NOTE: Other CCT & higher CRI available, please consult factory.		

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- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires (except for other types of mounting).
- 3- 3" tenon pole adaptor only required for 3" O.D. poles by others.

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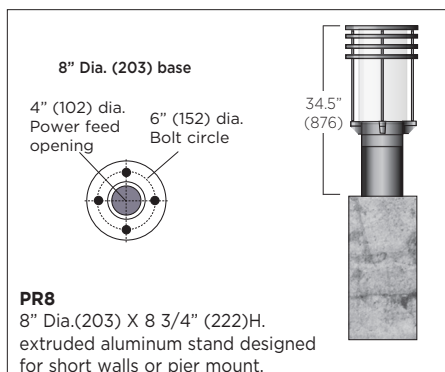
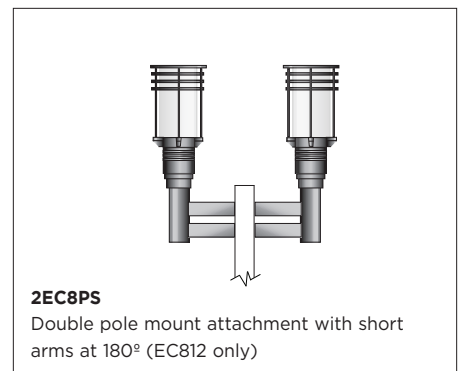
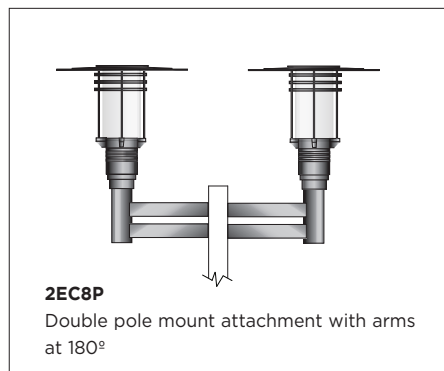
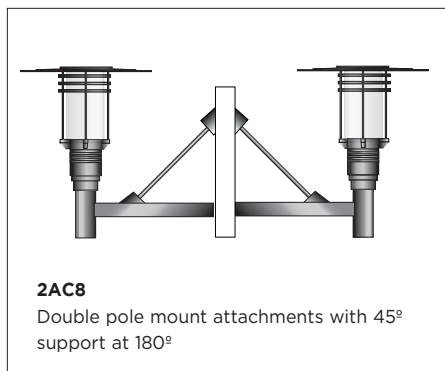
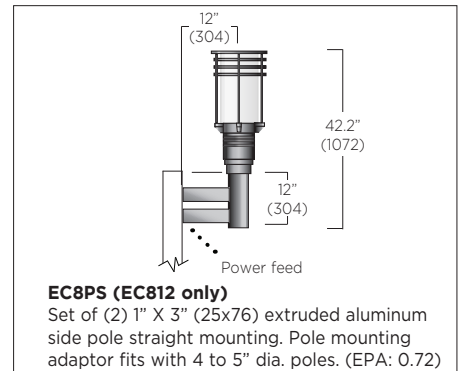
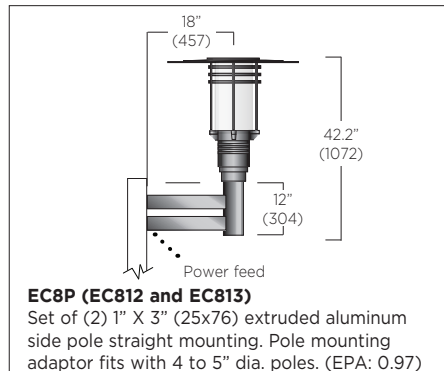
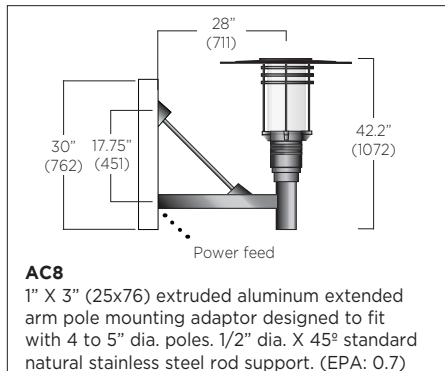
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EC812/EC813 SERIES ECLIPSE MAXI - LED

POLE MOUNT



NOTE: PST pole with AC8 or 2AC8 attachment requires a 30" (762) tenon extension over pole nominal height. EC8P, 2EC8P, EC8PS and 2EC8PS require an 18" tenon extension. Factory installed.

MATCHING POLE SELECTION

Ø 4"	Ø 5"	Ø 4"	Tapered Pole	Ø 4"	Height
PAA410	PAA510	PST10	-----	PSB10	10 Ft. (3 M)
PAA412	PAA512	PST12	-----	PSB12	12 Ft. (3,6 M)
PAA414	PAA514	PST14	-----	PSB14	14 Ft. (4,2 M)
PAA416	PAA516	PST16	PTA16	PSB16	16 Ft. (4,8 M)
PAA418	PAA518	-----	PTA18	PSB18	18 Ft. (5,5 M)
PAA420	PAA520	-----	PTA20	PSB20	20 Ft. (6,0 M)
-----	-----	-----	PTA25	-----	25 Ft. (7,6 M)

For additional pole details, please refer to separate pole specification sheet.
Ø 4"= 100mm Ø5"= 127mm

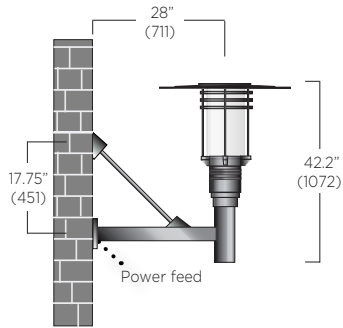
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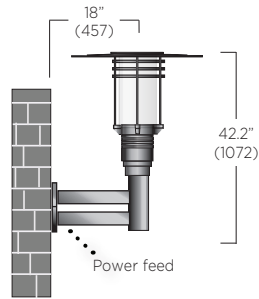
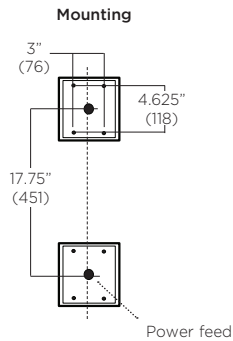
EC812/EC813 SERIES ECLIPSE MAXI - LED

WALL MOUNT



AW8

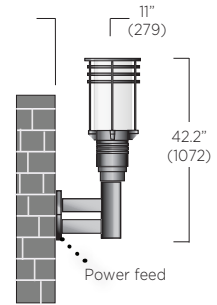
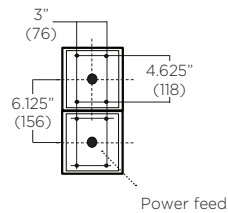
1" X 3" (25X76) extruded aluminum extended arm wall mounting adaptor with cast aluminum covers and galvanized steel mounting plates. 1/2" dia. X 45° standard natural stainless steel rod support.



EC8W (EC812 and EC813)

Set of (2) 1" X 3" (25X76) extruded aluminum wall mount arms with cast aluminum wall plate.

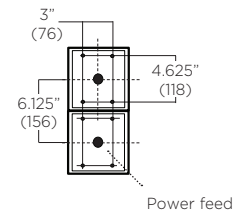
Mounting



EC8WS (EC812 only)

Set of (2) 1" X 3" (25X76) extruded aluminum wall mount arms with cast aluminum wall plate.

Mounting



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