

TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG  
NUMBER:

FIXTURE

WATTAGE

VOLTAGE

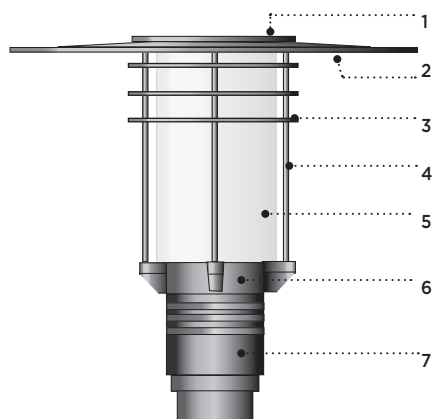
FINISH

OPTION

OPTION

OPTION

OPTION



- 1- Heavy cast aluminum top cover with integral LED heat dissipating pad.
- 2- One piece .090" (2.3mm) thick hard aluminum top shade. Underside surface is painted white enamel to optimize light performance (EC613 only).
- 3- Set of three aluminum louvers.
- 4- Set of 4 X 1/2" (13mm) solid aluminum struts.
- 5- High impact white translucent UV stabilized acrylic diffuser.
- 6- Cast aluminum upper electrical housing.
- 7- Cast aluminum lower electrical chamber housing.

EC612



EC612-EC6WS



EC613



EC613-EC6W



### MATERIALS

**Eclipse Mini** 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 aluminum louvers. The lower cast aluminum housing fits with a 4" or 5" (102 or 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

60,000hrs  $L_{80}B_{50}$  (based on IESNA TM-21 Test Method and LM-80 data).  
139,000hrs  $L_{70}B_{50}$  (calculated projection from LM-80 data).

#### FINISH

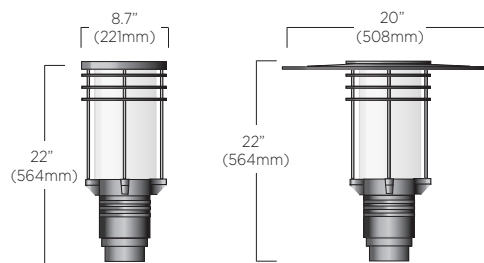
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

#### MOUNTING

Maximum weight: 17 lbs (8 kg)  
Standard luminaire mounts on a 4" (102mm) or 5" (127mm) pole.  
Alternate wall and pole 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. Rated IP65.



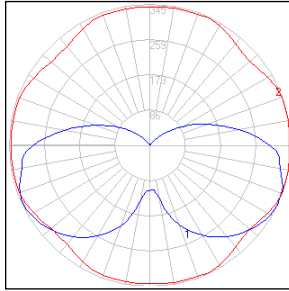
EC612  
EPA: 0.91

EC613  
EPA: 0.97

# EC612/EC613 SERIES

## ECLIPSE MINI - LED

### TYPICAL PHOTOMETRY SUMMARY





#### Descriptive Information

EC612-L1W48r0  
EC613-L1W48r0

Total Lms: 2528 Lumens  
Total Input Watts: 33.3 W  
Source: LED  
Efficacy: 51.0 Lumens/Watt  
BUG: B1-U3-G2  
CCT/CRI: 4000K/80  
Maximum Candela: 345 @ 65°V

Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. formatted download data.

### LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION (4000K/80CRI)			VOLTAGE <sup>1</sup>	FINISH											
<div> <input type="checkbox"/> EC612</div>	<table><thead><tr><th>SUFFIX</th><th>INPUT WATTS</th><th>DELIVERED LUMENS</th></tr></thead><tbody><tr><td><input type="checkbox"/> L1W18r1</td><td>15W</td><td>1057</td></tr><tr><td><input type="checkbox"/> L1W30r1</td><td>24W</td><td>1818</td></tr><tr><td><input type="checkbox"/> L1W48r0</td><td>33W</td><td>2528</td></tr></tbody></table>	SUFFIX	INPUT WATTS	DELIVERED LUMENS	<input type="checkbox"/> L1W18r1	15W	1057	<input type="checkbox"/> L1W30r1	24W	1818	<input type="checkbox"/> L1W48r0	33W	2528		<div><input type="checkbox"/> 120V <input type="checkbox"/> 277V  Optional <input type="checkbox"/> 347V</div>	<div><b>STANDARD COLORS</b> <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</div> <div><b>OPTIONAL COLORS</b> <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color  (Refer to color chart)</div>
SUFFIX	INPUT WATTS	DELIVERED LUMENS														
<input type="checkbox"/> L1W18r1	15W	1057														
<input type="checkbox"/> L1W30r1	24W	1818														
<input type="checkbox"/> L1W48r0	33W	2528														
<div> <input type="checkbox"/> EC613</div>																

### OPTIONS

ELECTRICAL	MOUNTING	ACCESSORIES
<input type="checkbox"/> FS Fuse <sup>2</sup> <input type="checkbox"/> PH Photocell <sup>2</sup> <input type="checkbox"/> 347L 347V input power driver	<input type="checkbox"/> AC6 Pole mount attachment with 45° support <input type="checkbox"/> 2AC6 Double pole mount attachments with 45° support at 180°  <input type="checkbox"/> AW6 Wall mount attachment with 45° support <input type="checkbox"/> EC6P Pole mount attachment with arm <input type="checkbox"/> 2EC6P Double pole mount attachment with arms at 180° <input type="checkbox"/> EC6W Wall mount attachment with arm <input type="checkbox"/> EC6PS Pole mount attachment with short arm (EC612 only) <input type="checkbox"/> 2EC6PS Double pole mount attachment with short arms at 180° (EC612 only) <input type="checkbox"/> EC6WS Wall mount attachment with short arm (EC612 only)  <input type="checkbox"/> ECM4T Post top mounting on 4" (102mm) pole <input type="checkbox"/> ECM5T Post top mounting on 5" (127mm) pole <sup>4</sup> <input type="checkbox"/> TN3 3" Tenon pole adaptor <sup>3</sup> <input type="checkbox"/> PR6 Pedestal mount adaptor	<input type="checkbox"/> HS6 House side shield

#### NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. 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.
- 4- For 1/8" wall thickness. For other wall thickness contact factory.

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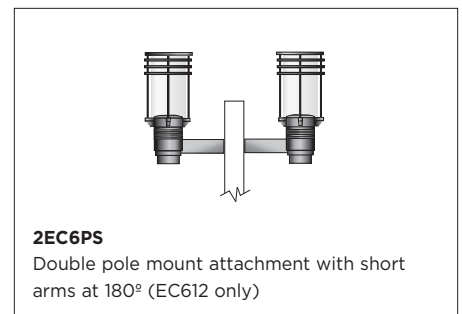
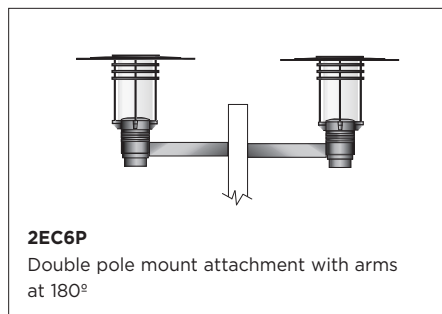
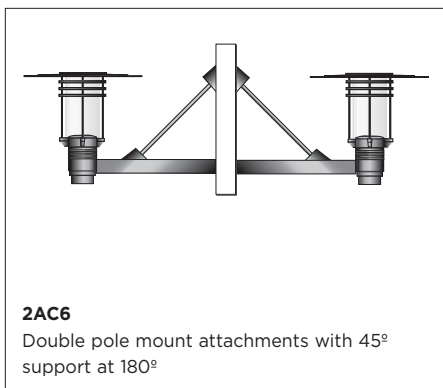
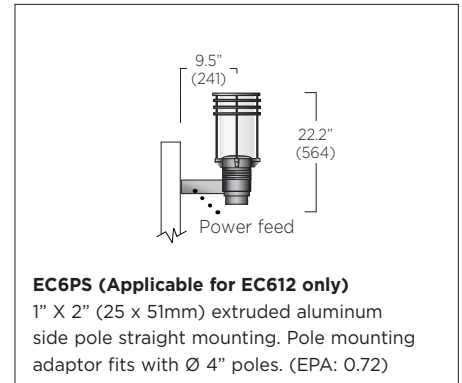
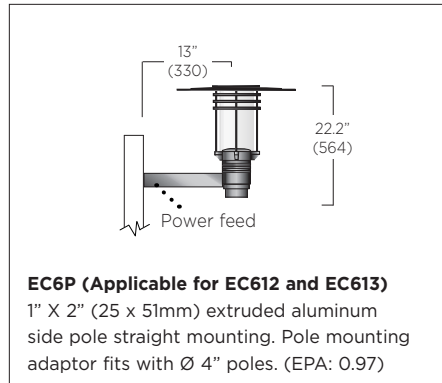
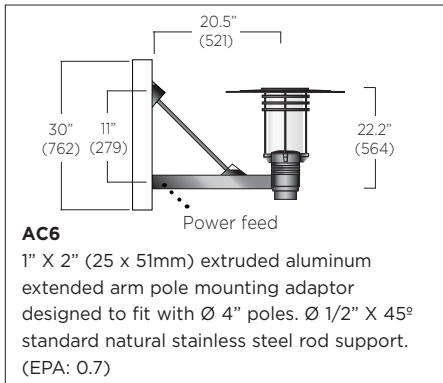
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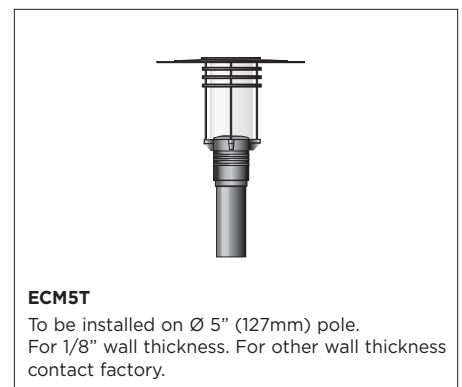
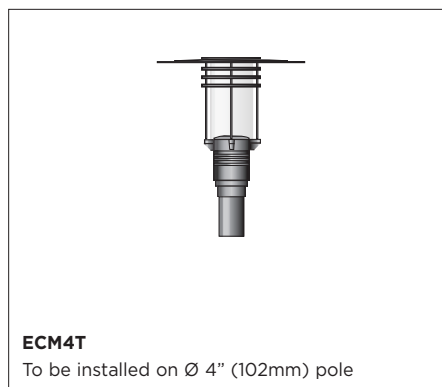
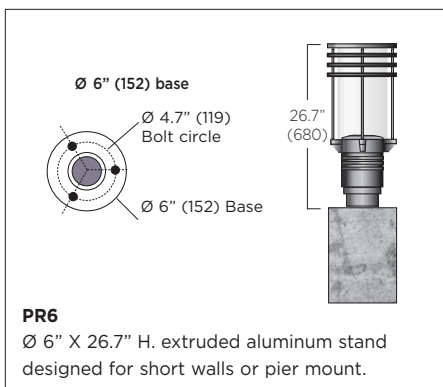
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# EC612/EC613 SERIES ECLIPSE MINI - LED

## POLE MOUNT



**NOTE:** PST pole with AC6 or 2AC6 attachment requires a 30" (762) tenon extension over pole nominal height. EC6P, 2EC6P, EC6PS and 2EC6PS require an 18" tenon extension. Factory installed.



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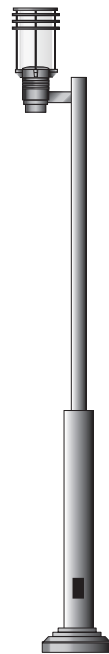
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# EC612/EC613 SERIES ECLIPSE MINI - LED

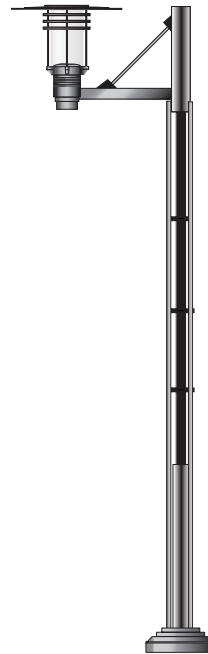
## MATCHING POLE SELECTION

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)

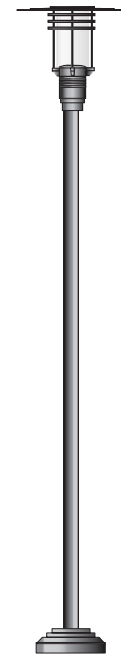
For additional pole details, please refer to separate pole specification sheet.  
 Ø 4" = 102mm Ø5" = 127mm  
 1/8" wall thickness. Please consult factory for other thicknesses.



**PSB**  
Pole series



**PST**  
Pole series



**PAA**  
Pole series

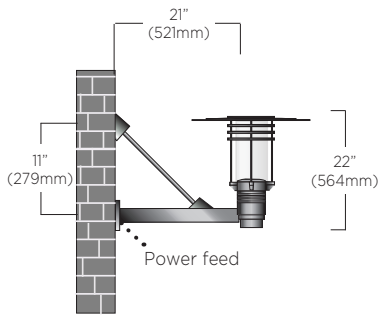


**PTA**  
Pole series



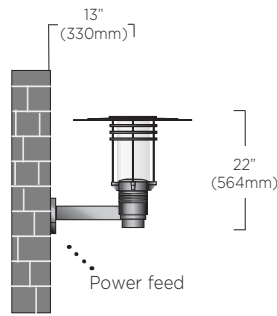
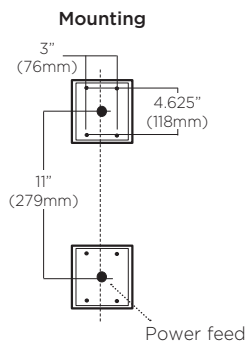
# EC612/EC613 SERIES ECLIPSE MINI - LED

## WALL MOUNT



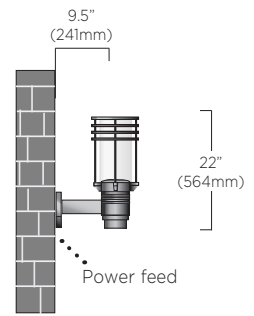
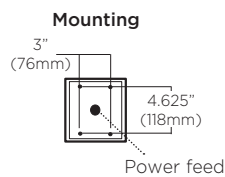
### AW6

1" X 2" (25 X 51mm) extruded aluminum extended arm wall mounting adaptor with cast aluminum covers and galvanized steel mounting plates. Ø 1/2" X 45° standard natural stainless steel rod support.



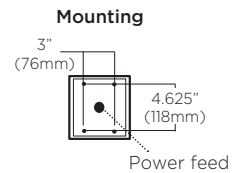
### EC6W (Applicable for EC612 and EC613)

1" X 2" (25 X 51mm) extruded aluminum wall mount arm with cast aluminum wall plate.



### EC6WS (Applicable for EC612 only)

1" X 2" (25 X 51mm) extruded aluminum wall mount arm with cast aluminum wall plate.



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