LUMINIS ®

EC612/EC613 SERIES
ECLIPSE MINI - LED
6" POST-TOP/WALL

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION
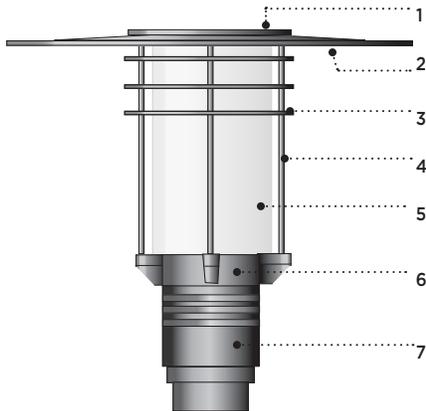
1- Heavy cast aluminum top cover with integral LED heat dissipating pad.

2- One piece .090" (2.3) 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" (13) 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 -30ºC/-22ºF, output over voltage protection, output over current protection, output short circuit protection with auto-recovery, and over temperature protection (110ºC).

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

LIFE

60,000hrs $L_{86}B_{50}$ (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**:** 9.11lbs (4.13kg)
Standard luminaire mounts on a 4" (102) or 5" (127) 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 25ºC. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request.
Rated IP65.

8.7" (221)
22.2" (564)
EC612
EPA: 0.91

20" (508)
22.2" (564)
EC613
EPA: 0.97
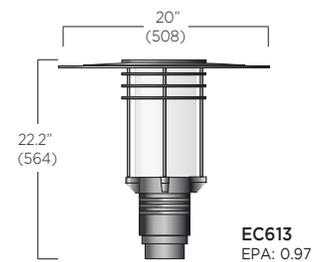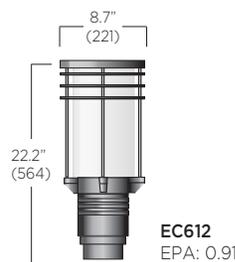
TYPICAL PHOTOMETRY SUMMARY
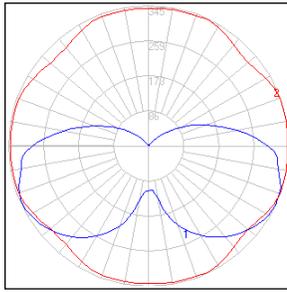
Descriptive Information

EC612-L1W48r0
EC613-L1W48r0

Total Lms: 2528 Lumens
Total Input Watts: 49.6 W
Source: LED
Efficacy: 51.0 Lumens/Watt
BUG: B1-U3-G2
CCT/CRI: 4000K/80
Maximum Candela: 345 @ 65ºV

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

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION (4000K/80CRI)			VOLTAGE [1]	FINISH

MODEL#	SUFFIX	INPUT WATTS	DELIVERED LUMENS	VOLTAGE [1]	FINISH
□ EC612	□ L1W18r1	19W	1057	□ 120V	**STANDARD COLORS**
	□ L1W30r1	34W	1818	□ 277V	□ WHT Snow white
	□ L1W48r0	50W	2528		□ BKT Jet black
				Optional	□ BZT Bronze
				□ 347V	□ MST Matte silver
□ EC613					□ GRT Titanium gray
					□ DGT Gun metal
					□ CHT Champagne
					OPTIONAL COLORS
					□ CS Custom color
					□ RAL RAL# color
					(Refer to color chart)

OPTIONS

ELECTRICAL

□ **FS** Fuse [2]
□ **PH** Photocell [2]
□ **347L** 347V input power driver

LIGHT

Alternate CCT ºK 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.

MOUNTING

□ **AC6** Pole mount attachment with 45º support
□ **2AC6** Double pole mount attachments with 45º support at 180º
□ **AW6** Wall mount attachment with 45º support
□ **EC6P** Pole mount attachment with arm
□ **2EC6P** Double pole mount attachment with arms at 180º
□ **EC6W** Wall mount attachment with arm
□ **EC6PS** Pole mount attachment with short arm (EC612 only)
□ **2EC6PS** Double pole mount attachment with short arms at 180º (EC612 only)
□ **EC6WS** Wall mount attachment with short arm (EC612 only)
□ **TN3** 3" Tenon pole adaptor[3]
□ **PR6** Pedestal mount adaptor

ACCESSORIES

□ **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.)
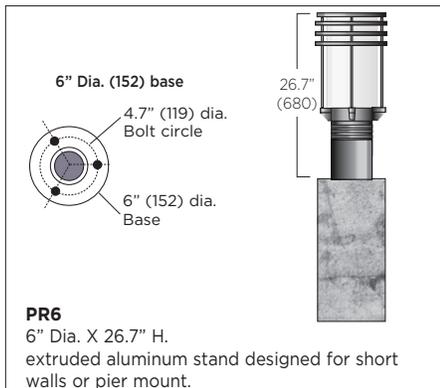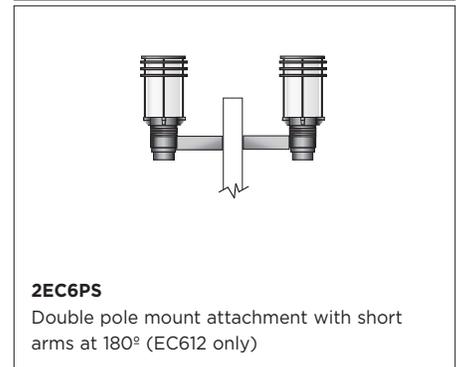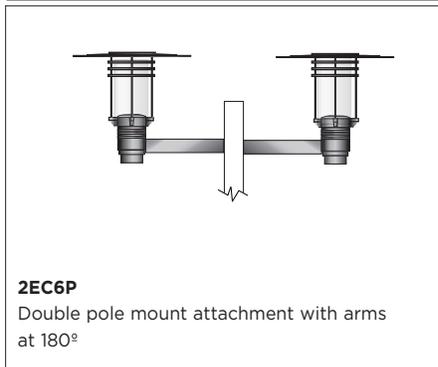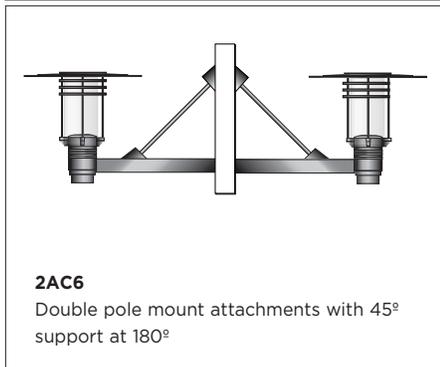**3-** 3" tenon pole adaptor only required for 3" O.D. poles by others.

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POLE MOUNT

20.5"
(521)

30"
(762)

11"
(279)

22.2"
(564)

Power feed

AC6
1" X 2" (25x51) extruded aluminum extended arm pole mounting adaptor designed to fit with 4 to 5" dia. poles. 1/2" dia. X 45º standard natural stainless steel rod support. (EPA: 0.7)

13"
(330)

22.2"
(564)

Power feed

EC6P (Applicable for EC612 and EC613)
1" X 2" (25x51) extruded aluminum side pole straight mounting. Pole mounting adaptor fits with 4 to 5" dia. poles. (EPA: 0.97)

9.5"
(241)

22.2"
(564)

Power feed

EC6PS (Applicable for EC612 only)
1" X 2" (25x51) extruded aluminum side pole straight mounting. Pole mounting adaptor fits with 4 to 5" dia. poles. (EPA: 0.72)

2AC6
Double pole mount attachments with 45º support at 180º

2EC6P
Double pole mount attachment with arms at 180º

2EC6PS
Double pole mount attachment with short arms at 180º (EC612 only)
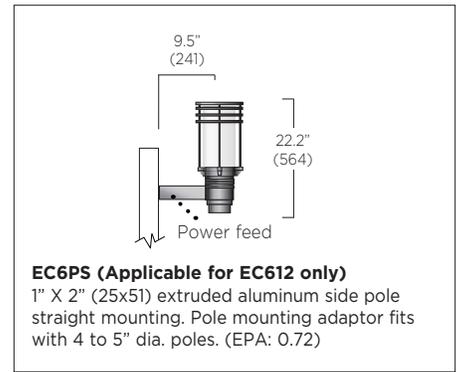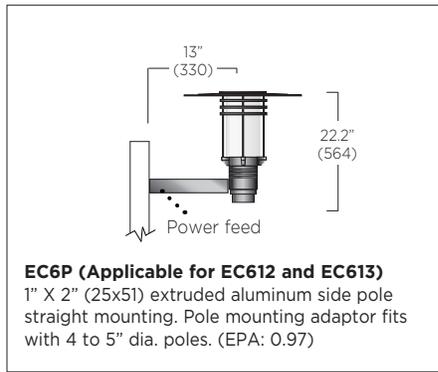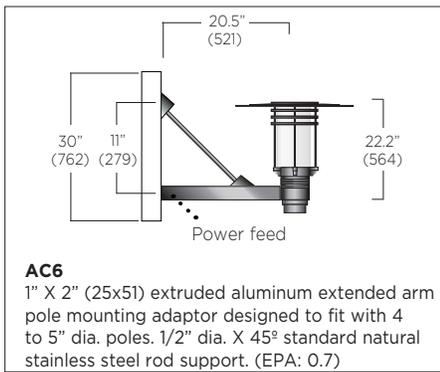
NOTE: PST pole with AC6 or 2AC6 attachment requires a 30" (762) tenon extension over pole nominal height. EC6P, 2EC6P, EC6PS and 2EC6PS require an 18" tenon extension. Factory installed.

6" Dia. (152) base

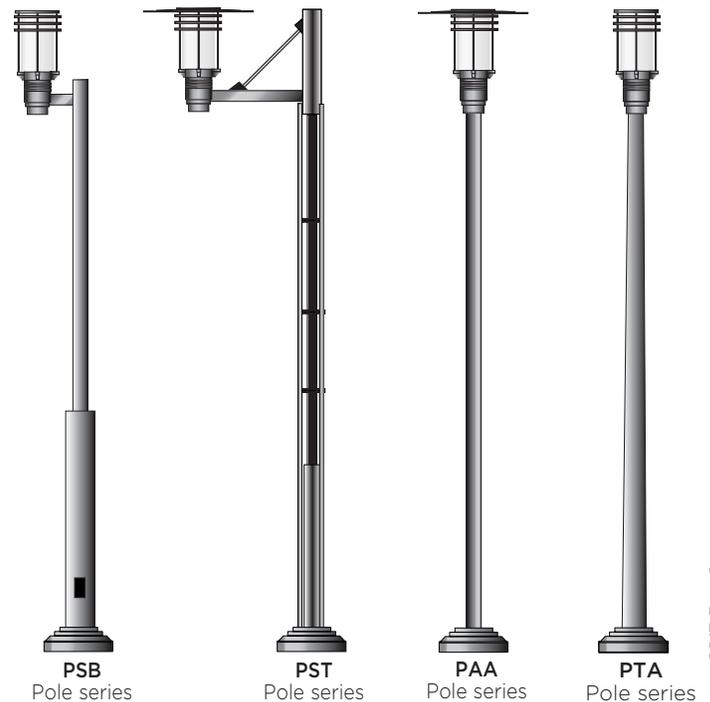4.7" (119) dia. Bolt circle

6" (152) dia. Base

26.7"
(680)

PR6
6" Dia. X 26.7" H. extruded aluminum stand designed for short walls or pier mount.

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

PSB
Pole series

PST
Pole series

PAA
Pole series

PTA
Pole series

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WALL MOUNT

20.5"
(521)

11"
(279)

22.2"
(564)

Power feed

AW6
1" X 2" (25X51) 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.

Mounting

3"
(76)

4.625"
(118)

11"
(279)

Power feed

13"
(330)

22.2"
(564)

Power feed

EC6W (Applicable for EC612 and EC613)
1" X 2" (25X51) extruded aluminum wall mount arm with cast aluminum wall plate.

Mounting

3"
(76)

4.625"
(118)

Power feed

9.5"
(241)

22.2"
(564)

Power feed

EC6WS (Applicable for EC612 only)
1" X 2" (25X51) extruded aluminum wall mount arm with cast aluminum wall plate.

Mounting

3"
(76)

4.625"
(118)

Power feed

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