

Evolve® LED Post Top

Town & Country (EPTT)



Project Name _____

Date _____ Type _____

Notes _____

The **Evolve®** LED Post Top Town & Country (EPTT) offers energy efficiency and quality of light in a classic look and style. The advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control.

CONSTRUCTION

Housing:	Die-cast aluminum housing with traditional lantern design. Cupola compatible with C136.41-2010 PE's, Shorting Caps and LightGrid Nodes
Refractors:	Acrylic, Polycarbonate, None/Open
Lens:	Impact resistant UV resistant polymer
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze (RAL & custom colors available)
Weight:	14 - 18 lbs (6.2 - 8 kg)

OPTICAL SYSTEM

Lumens:	1,900-8,030
Distribution:	Symmetric Asymmetric Symmetric HO Asymmetric HO
CCT:	2700K, 3000K, 4000K, 5000K
CRI (Min):	≥70

ELECTRICAL

Input Voltage:	120-277V
Input Frequency:	50/60Hz
Power Factor:	≥ 90% at rated watts
Total Harmonic Distortion:	≤ 20% at rated watts

SURGE PROTECTION*

Standard	Optional
6kV/3kA	Secondary 10kV/5kA (R Option)

*Per ANSI C136.2-2015

LUMEN MAINTENANCE

Projected Lxx per IES TM-21 at 25°C

Distribution	LXX(10K) @ Hours		
	25,000 HR	50,000 HR	60,000 HR
02, 03, 04, 05	L94	L89	L87
06	L97	L96	L96
07	L96	L94	L93

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

AMBIENT TEMPERATURE FACTOR

Ambient Temp (°C)	Initial Flux Factor	Ambient Temp (°C)	Initial Flux Factor
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

RATINGS

Operating Temperature:	-40°C to 50°C
Vibration:	3G per ANSI C136.31-2010
LM-79:	Testing in accordance with IES Standards

CONTROLS

Dimming:	Standard - 0-10V Optional - DALI (Option U)
Sensors:	Photo Electric Sensors (PE) available LightGrid Compatible

WARRANTY

5 Year (Standard)

10 Year (Optional)

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Catalog Logic

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EPTT 01

PROD. ID	GEN	VOLTAGE	OPTIC CODE	DISTRIBUTION	REFRACTOR	CCT	CONTROLS	MOUNTING	COLOR	OPTIONS
E = Evole	01	0 = 120-277	02	A = Symmetric	A = Acrylic	27 = 2700K ¹	A = ANSI C136.41 7-Pin PE Receptacle ²	P = Pole Mounted	BLCK = Black	L = Tool-Less Entry
P = Post Top			03	B = Asymmetric	P = Polycarbonate	30 = 3000K ¹	D = ANSI C136.41 7-Pin PE Receptacle w/ Shorting Cap		DKBZ = Dark Bronze	P = Prewire with 6 ft of 14/3 Cable
TT = Town & Country Traditional			04	C = Symmetric HO	N = None ¹	40 = 4000K	E = ANSI C136.41 7-Pin PE Receptacle w/ non Dimming PE			R = Secondary 10kV/5kA
			05	D = Asymmetric HO		50 = 5000K				U = DALI Programmable ²
			06							XXX = Special Options
			07							

¹ Select for IDA Approved Units

² Compatible with LightGrid Nodes

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Spec Tables

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Date _____ Type _____

Notes _____

LUMEN OUTPUT	DIST. CODE	DESCRIPTION	REFRACTOR CODE	TYPICAL INITIAL LUMENS			WATTAGE 120-277V	BUG RATINGS		
				2700K	3000K	4000K/5000K		2700K	3000K	4000K/5000K
02	A	Symmetric	A	2650	2730	2840	26	B1-U3-G2	B1-U3-G2	B1-U3-G2
03	A	Symmetric	A	3100	3200	3320	30	B2-U3-G2	B2-U3-G2	B2-U3-G2
04	A	Symmetric	A	4460	4600	4710	44	B2-U3-G2	B2-U3-G2	B2-U3-G2
05	A	Symmetric	A	5480	5650	5730	56	B2-U3-G2	B2-U3-G3	B2-U3-G3
06	C	Symmetric HO	A	5490	5680	5900	56	B2-U3-G2	B2-U3-G3	B3-U3-G3
07	C	Symmetric HO	A	6720	6950	7380	73	B3-U4-G3	B3-U4-G3	B3-U4-G3
02	B	Asymmetric	A	2490	2560	2610	26	B1-U3-G2	B1-U3-G2	B1-U3-G2
03	B	Asymmetric	A	2910	3000	3060	30	B1-U3-G2	B1-U3-G2	B1-U3-G2
04	B	Asymmetric	A	3980	4100	4250	44	B1-U3-G3	B1-U3-G3	B1-U3-G3
05	B	Asymmetric	A	4850	5000	5200	56	B2-U3-G3	B2-U3-G3	B2-U3-G3
06	D	Asymmetric HO	A	5090	5300	5500	56	B2-U3-G3	B2-U3-G3	B2-U3-G3
07	D	Asymmetric HO	A	6230	6485	6880	73	B2-U4-G3	B2-U4-G3	B2-U4-G3
02	A	Symmetric	P	2080	2140	2200	26	B1-U3-G1	B1-U3-G1	B1-U3-G1
03	A	Symmetric	P	2430	2500	2580	30	B1-U3-G1	B1-U3-G1	B1-U3-G1
04	A	Symmetric	P	3490	3600	3740	44	B2-U3-G2	B2-U3-G2	B2-U3-G2
05	A	Symmetric	P	4270	4400	4590	56	B2-U3-G2	B2-U3-G2	B2-U3-G2
06	C	Symmetric HO	P	4300	4400	4670	56	B2-U3-G2	B2-U3-G2	B2-U3-G2
07	C	Symmetric HO	P	5260	5390	5840	73	B2-U4-G2	B2-U4-G2	B3-U4-G2
02	B	Asymmetric	P	1900	1960	2000	26	B1-U3-G1	B1-U3-G1	B1-U3-G2
03	B	Asymmetric	P	2230	2300	2340	30	B1-U3-G2	B1-U3-G2	B1-U3-G2
04	B	Asymmetric	P	3200	3300	3380	44	B1-U3-G2	B1-U3-G2	B1-U3-G2
05	B	Asymmetric	P	3880	4000	4170	56	B1-U3-G2	B1-U3-G2	B1-U3-G2
06	D	Asymmetric HO	P	3940	4100	4330	56	B1-U3-G2	B1-U3-G2	B1-U3-G3
07	D	Asymmetric HO	P	4820	5020	5410	73	B2-U4-G3	B2-U4-G3	B2-U4-G3
02	A	Symmetric	N	2900	2990	3060	26	B2-U0-G1	B2-U0-G1	B2-U0-G1
03	A	Symmetric	N	3400	3500	3580	30	B2-U0-G1	B2-U0-G1	B2-U0-G1
04	A	Symmetric	N	4850	5000	5140	44	B2-U0-G1	B3-U0-G1	B3-U0-G1
05	A	Symmetric	N	5920	6100	6300	56	B3-U0-G1	B3-U0-G1	B3-U0-G1
06	C	Symmetric HO	N	5930	6180	6420	56	B3-U0-G1	B3-U0-G1	B3-U0-G1
07	C	Symmetric HO	N	7260	7560	8030	73	B3-U0-G1	B3-U0-G1	B3-U0-G1
02	B	Asymmetric	N	2630	2720	2770	26	B1-U0-G1	B1-U0-G1	B1-U0-G1
03	B	Asymmetric	N	3080	3180	3240	30	B1-U0-G1	B1-U0-G1	B1-U0-G1
04	B	Asymmetric	N	4370	4500	4640	44	B1-U0-G2	B1-U0-G2	B1-U0-G2
05	B	Asymmetric	N	5430	5600	5730	56	B1-U0-G2	B1-U0-G2	B1-U0-G2
06	D	Asymmetric HO	N	5470	5700	5950	56	B1-U0-G2	B1-U0-G2	B1-U0-G2
07	D	Asymmetric HO	N	6700	6980	7440	73	B2-U0-G2	B2-U0-G2	B2-U0-G2

For additional information on EPTT IES files, please click the following link:

[EPTT IES Files](#)

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Photometric Plots

Project Name _____

Date _____ Type _____

Notes _____

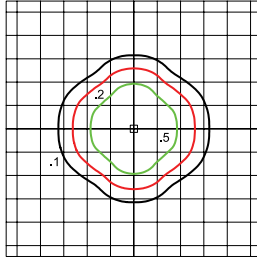
EPTT

Symmetric (Acrylic Refractor)

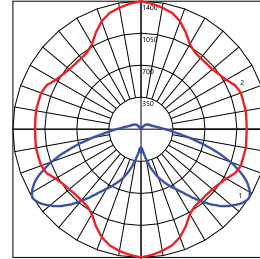
5,730 Lumens

5,000K

EPTT01_05AA50_-120-277V.IES



- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



- Vertical plane through horizontal angle of Max. Cd at 90°
- Horizontal cone through vertical angle of Max. Cd at 57°

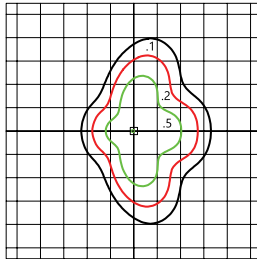
EPTT

Asymmetric (Acrylic Refractor)

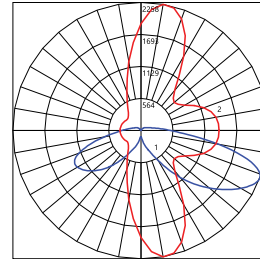
5,200 Lumens

5,000K

EPTT01_05BA50_-120-277V.IES



- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



- Vertical plane through horizontal angle of Max. Cd at 80°
- Horizontal cone through vertical angle of Max. Cd at 68°

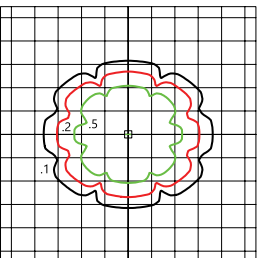
EPTT

Symmetric

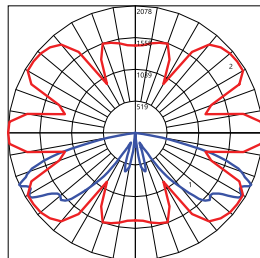
6,300 Lumens

5,000K

EPTT01_05AN50_-120-277V.IES



- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



- Vertical plane through horizontal angle of Max. Cd at 0°
- Horizontal cone through vertical angle of Max. Cd at 66°

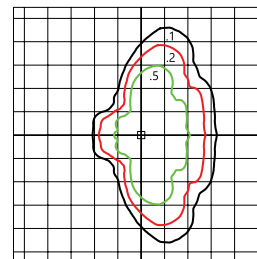
EPTT

Asymmetric

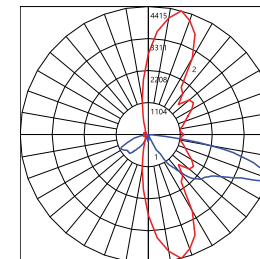
5,730 Lumens

5,000K

EPTT01_05BN50_-120-277V.IES



- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



- Vertical plane through horizontal angle of Max. Cd at 75°
- Horizontal cone through vertical angle of Max. Cd at 71°

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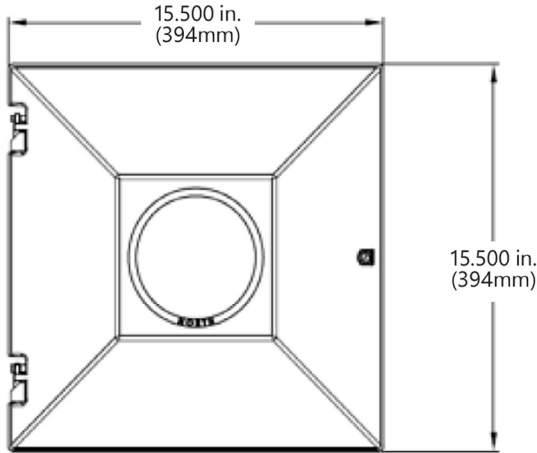
Town & Country (EPTT)

Mounting & Accessories

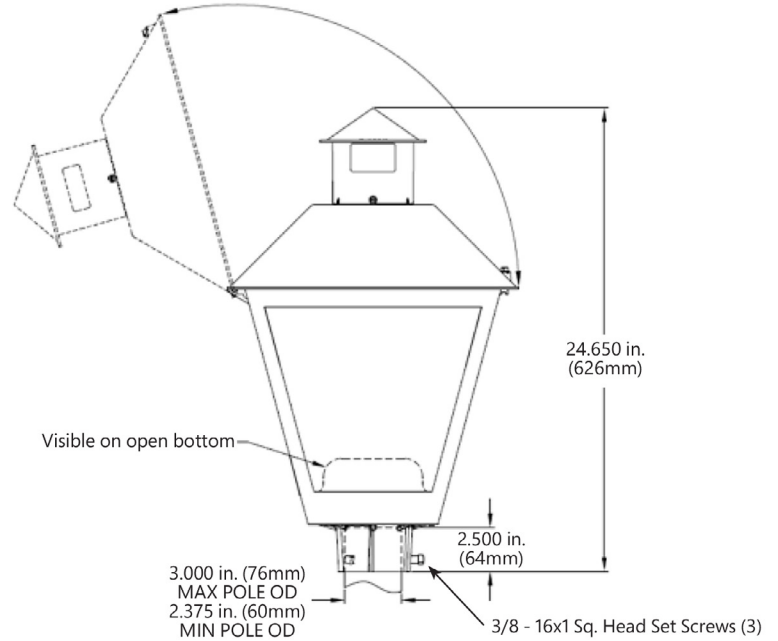
Project Name _____

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TOP VIEW



SIDE VIEW

MOUNTING

- Mounts to 2-3/8 to 3-inch (60-76mm) OD vertical tenon
- Suggested Mounting Height = 8-18 ft. (2.5 - 5.5M)

EFFECTIVE PROJECTED AREA

- 1.6 sq. ft. max (0.15 sq M max)

WEIGHT

- 14 lbs (6.2 kgs) - 18 lbs (8 kgs)

EPTT HOUSE SIDE SHIELDS

Part Number	Description
LSPR-TT	Perforated Shield for A/P Refractor Design
LSSR-TT	Solid Shield for A/P Refractor Design
LSPN-TT	Perforated Shield Bare Aluminum for Open Sided Design
LSSN-TT	Solid "Black" Shield for Open Sided Design
LSSX-TT	Solid "Black" Shield for Open Sided or Refractor Designs
LR-TC	Ladder Rest - Black

NETWORK LIGHTING CONTROLS



Current's **LightGrid™** Outdoor Lighting Control System is designed for Street and Roadway Applications. It enables remote monitoring, control, and asset management of a single fixture or a group of fixtures through a web enabled Central Management System.