



CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ TYPE _____
 CATALOG NUMBER _____

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: | 2,070-7,970 |
| Distribution: | Symmetric Asymmetric |
| Efficacy: | 72-130 |
| 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 |
|----------|-------------------------------|
| 10kV/5kA | Secondary 10kV/5kA (R Option) |

*Per ANSI C136.2-2015

Lumen Maintenance

Projected Lxx per IES TM-21-11 at 25°C

| DISTRIBUTION | LXX(10K) @ HOURS | | |
|----------------|------------------|-----------|-----------|
| | 25,000 HR | 50,000 HR | 60,000 HR |
| 02, 03 | L99 | L99 | L98 |
| 04, 05, 06, 07 | L96 | L91 | L89 |

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 (Optical Code 02-06) -40°C to 40°C (Optical Code 07) |
| 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)



Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualifications.

| | |
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Ordering Information

EPTT 02

| PROD. ID | GEN | VOLTAGE | LUMENS | DISTRIBUTION | REFRACTOR | CCT | CONTROLS PER ANSI C136.41 | MOUNTING | COLOR | OPTIONS |
|---------------------------------|-----|--------------|--------------|----------------|-----------------------|-------------------------|--|------------------|--------------------|---------------------------------------|
| E = Evole | 02 | 0 = 120-277V | 02 = 2000 lm | 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 = 3000 lm | B = Asymmetric | P = Polycarbonate | 30 = 3000K ¹ | D = ANSI C136.41 7-Pin PE Receptacle w/ Shorting Cap | | DKBZ = Dark Bronze | P06 = Prewire with 6 ft of 14/3 Cable |
| TT = Town & Country Traditional | | | 04 = 4000 lm | | N = None ¹ | 40 = 4000K | E = ANSI C136.41 7-Pin PE Receptacle w/ non Dimming PE | | | R = Secondary 10kV/5kA |
| | | | 05 = 5000 lm | | | 50 = 5000K | | | | U = DALI Programmable ² |
| | | | 06 = 6000 lm | | | | | | | Y = Coastal Finish ³ |
| | | | 07 = 7000 lm | | | | | | | XXX = Special Options |

¹ Select for IDA Approved Units

² Compatible with LightGrid+™ Nodes

³ Recommended for installations within 750 feet of coast. Lead time varies, check with factory.

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| LUMEN OUTPUT | DIST. CODE | DESCRIPTION | REFRACTOR CODE | TYPICAL INITIAL LUMENS | | | WATTAGE | BUG RATINGS | | |
|--------------|------------|-------------|----------------|------------------------|-------|-------------|---------|-------------|----------|----------|
| | | | | 2700K | 3000K | 4000K/5000K | | 120-277V | 2700K | 3000K |
| 02 | A | Symmetric | A | 2600 | 2810 | 2930 | 25 | B1-U3-G2 | B1-U3-G2 | B1-U3-G2 |
| 03 | A | Symmetric | A | 3070 | 3310 | 3450 | 29 | B2-U3-G2 | B2-U3-G2 | B2-U3-G2 |
| 04 | A | Symmetric | A | 4230 | 4560 | 4760 | 41 | B2-U3-G2 | B2-U3-G2 | B2-U3-G2 |
| 05 | A | Symmetric | A | 5150 | 5560 | 5790 | 50 | B2-U3-G3 | B2-U3-G3 | B2-U4-G3 |
| 06 | A | Symmetric | A | 5710 | 6160 | 6410 | 56 | B2-U4-G3 | B2-U4-G3 | B3-U4-G3 |
| 07 | A | Symmetric | A | 6960 | 7500 | 7820 | 72 | B3-U4-G3 | B3-U4-G3 | B3-U4-G3 |
| 02 | B | Asymmetric | A | 2430 | 2630 | 2730 | 25 | B1-U3-G2 | B1-U3-G2 | B1-U3-G2 |
| 03 | B | Asymmetric | A | 2870 | 3100 | 3220 | 29 | B1-U3-G2 | B1-U3-G2 | B1-U3-G2 |
| 04 | B | Asymmetric | A | 3950 | 4270 | 4440 | 41 | B1-U3-G3 | B1-U3-G3 | B1-U3-G3 |
| 05 | B | Asymmetric | A | 4810 | 5190 | 5410 | 50 | B1-U4-G3 | B2-U4-G3 | B2-U4-G3 |
| 06 | B | Asymmetric | A | 5330 | 5750 | 5990 | 56 | B2-U4-G3 | B2-U4-G3 | B2-U4-G3 |
| 07 | B | Asymmetric | A | 6500 | 7010 | 7300 | 72 | B2-U4-G3 | B2-U4-G3 | B2-U4-G3 |
| 02 | A | Symmetric | P | 2070 | 2230 | 2330 | 25 | B1-U3-G1 | B1-U3-G1 | B1-U3-G1 |
| 03 | A | Symmetric | P | 2440 | 2630 | 2740 | 29 | B1-U3-G1 | B1-U3-G2 | B1-U3-G2 |
| 04 | A | Symmetric | P | 3370 | 3630 | 3780 | 41 | B2-U3-G2 | B2-U3-G2 | B2-U3-G2 |
| 05 | A | Symmetric | P | 4100 | 4420 | 4600 | 50 | B2-U3-G2 | B2-U4-G2 | B2-U4-G2 |
| 06 | A | Symmetric | P | 4540 | 4900 | 5100 | 56 | B2-U4-G2 | B2-U4-G2 | B2-U4-G2 |
| 07 | A | Symmetric | P | 5530 | 5970 | 6220 | 72 | B2-U4-G3 | B2-U4-G3 | B3-U4-G3 |
| 02 | B | Asymmetric | P | 1930 | 2090 | 2170 | 25 | B1-U3-G2 | B1-U3-G1 | B1-U3-G2 |
| 03 | B | Asymmetric | P | 2280 | 2460 | 2560 | 29 | B1-U3-G2 | B1-U3-G2 | B1-U3-G2 |
| 04 | B | Asymmetric | P | 3140 | 3390 | 3530 | 41 | B1-U3-G2 | B1-U3-G2 | B1-U3-G2 |
| 05 | B | Asymmetric | P | 3830 | 4130 | 4300 | 50 | B1-U3-G2 | B1-U4-G3 | B1-U4-G3 |
| 06 | B | Asymmetric | P | 4240 | 4580 | 4770 | 56 | B1-U4-G3 | B1-U4-G3 | B2-U4-G3 |
| 07 | B | Asymmetric | P | 5170 | 5580 | 5810 | 72 | B2-U4-G3 | B2-U4-G3 | B2-U4-G3 |
| 02 | A | Symmetric | N | 2840 | 3070 | 3190 | 25 | B2-U0-G1 | B2-U0-G1 | B2-U0-G1 |
| 03 | A | Symmetric | N | 3350 | 3620 | 3770 | 29 | B2-U0-G1 | B2-U0-G1 | B2-U0-G1 |
| 04 | A | Symmetric | N | 4620 | 4980 | 5190 | 41 | B2-U0-G1 | B3-U0-G1 | B3-U0-G1 |
| 05 | A | Symmetric | N | 5620 | 6070 | 6320 | 50 | B3-U0-G1 | B3-U0-G1 | B3-U0-G1 |
| 06 | A | Symmetric | N | 6230 | 6720 | 7000 | 56 | B3-U0-G1 | B3-U0-G1 | B3-U0-G1 |
| 07 | A | Symmetric | N | 7590 | 8190 | 8530 | 72 | B3-U0-G1 | B3-U0-G1 | B3-U0-G1 |
| 02 | B | Asymmetric | N | 2660 | 2870 | 2980 | 25 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 |
| 03 | B | Asymmetric | N | 3130 | 3380 | 3520 | 29 | B1-U0-G1 | B1-U0-G1 | B1-U0-G1 |
| 04 | B | Asymmetric | N | 4320 | 4660 | 4850 | 41 | B1-U0-G1 | B1-U0-G1 | B1-U0-G2 |
| 05 | B | Asymmetric | N | 5250 | 5670 | 5900 | 50 | B1-U0-G2 | B1-U0-G2 | B1-U0-G2 |
| 06 | B | Asymmetric | N | 5820 | 6280 | 6540 | 56 | B1-U0-G2 | B1-U0-G2 | B2-U0-G2 |
| 07 | B | Asymmetric | N | 7090 | 7650 | 7970 | 72 | B2-U0-G2 | B2-U0-G2 | B2-U0-G2 |

For additional information on EPTT IES files, please refer to LED.com

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PROJECT NAME _____

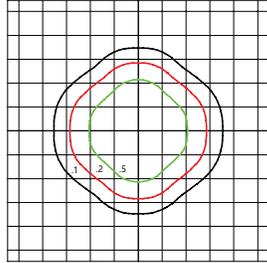
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TYPE _____

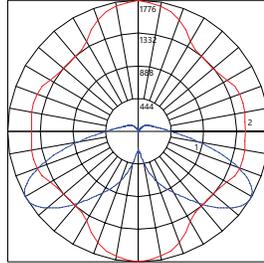
CATALOG NUMBER _____

EPTT

Symmetric (Acrylic Refractor)
7,820 Lumens
5,000K
EPTT02_07AA50_-120-277V.IES



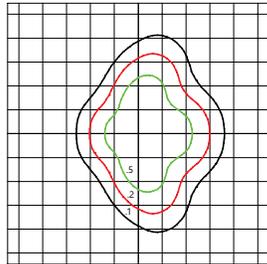
- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



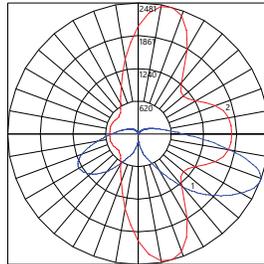
- Vertical plane through horizontal angle of Max. Cd at 90°
- Horizontal cone through vertical angle of Max. Cd at 58°

EPTT

Asymmetric (Acrylic Refractor)
7,300 Lumens
5,000K
EPTT02_07BA50_-120-277V.IES



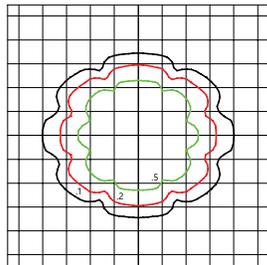
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- Initial Footcandle Values at Grade



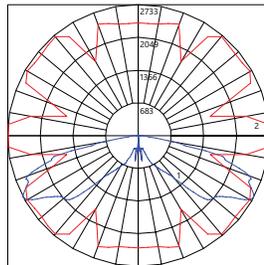
- Vertical plane through horizontal angle of Max. Cd at 75°
- Horizontal cone through vertical angle of Max. Cd at 69°

EPTT

Symmetric (No Refractor)
8,530 Lumens
5,000K
EPTT02_07AN50_-120-277V.IES



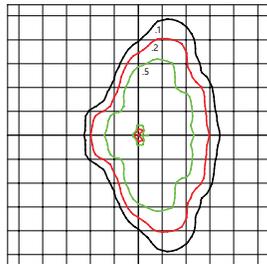
- Grid Distance in Units of Mounting Height at 16'



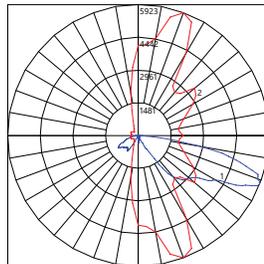
- Vertical plane through horizontal angle of Max. Cd at 5°
- Horizontal cone through vertical angle of Max. Cd at 62°

EPTT

Asymmetric (No Refractor)
7,970 Lumens
5,000K
EPTT02_07BN50_-120-277V.IES



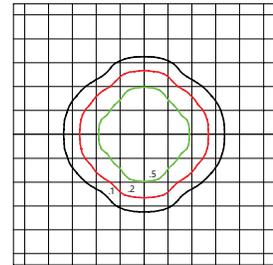
- Grid Distance in Units of Mounting Height at 16'



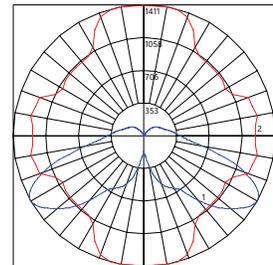
- Vertical plane through horizontal angle of Max. Cd at 70°
- Horizontal cone through vertical angle of Max. Cd at 71°

EPTT

Symmetric (Poly Refractor)
6,220 Lumens
5,000K
EPTT02_07AP50_-120-277V.IES



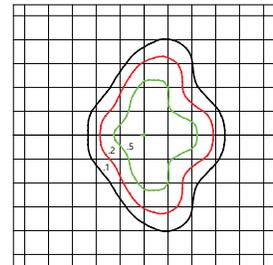
- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



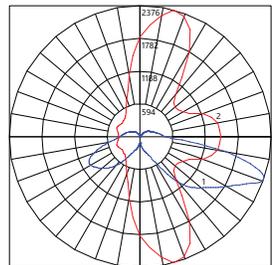
- Vertical plane through horizontal angle of Max. Cd at 80°
- Horizontal cone through vertical angle of Max. Cd at 60°

EPTT

Asymmetric (Poly Refractor)
8,810 Lumens
5,000K
EPTT02_07BP50_-120-277V.IES

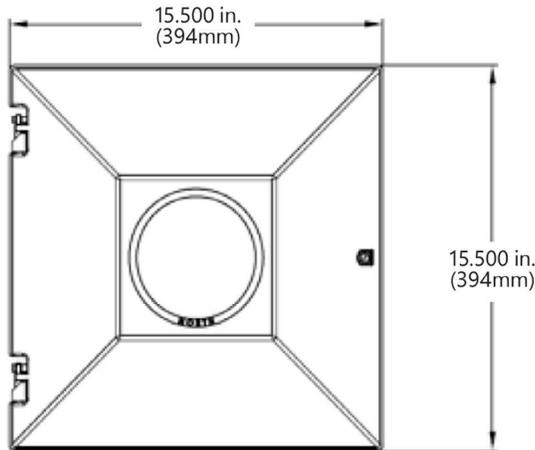


- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade

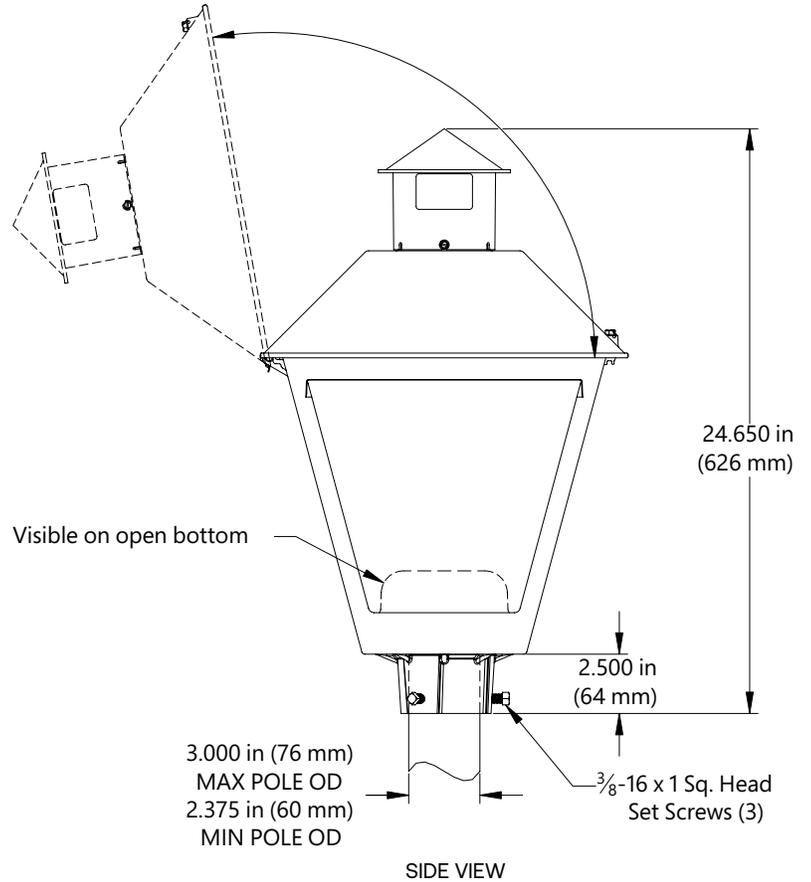


- Vertical plane through horizontal angle of Max. Cd at 75°
- Horizontal cone through vertical angle of Max. Cd at 71°

| | |
|----------------|------|
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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 |
|-------------|--|
| LSPX-TT | Perforated Shield for Open Sided or Refractor Designs |
| LSSX-TT | Solid "Black" Shield for Open Sided or Refractor Designs |

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.