EVOLVE



CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EPST Salem

LED Post Top Light

The **Evolve®** LED Salem Post Top offers energy efficiency and quality of light in a classic, utility carriage look and style. The advanced LED optical system provides improved horizontal and vertical uniformity, reduced glare and improved lighting control. Current's unique optical ring technology effectively aims the light where you need it, while eliminating the unsightly shadow circles commonly seen under other LED post top fixtures.

Construction

Housing:	– Diecast aluminum housing. – Internal heat sink ensuring maximum heat transfer for long LED life.
Lens:	UV resistant polymer lens
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mils thickness. – Standard colors: Black, Dark Bronze – RAL & custom colors available

Optical System

Lumens:	2,800 – 8,900
Distribution:	Symmetric Type V Asymmetric Type III
Efficacy:	99 - 114 LPW
CCT:	3000K & 4000K
CRI (Min):	≥70

Electrical

Input Voltage:	120-277V and 347-480V
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

Warranty

☐ 5 Year (Standard) ☐ 10 Year (Optional)

Lumen Maintenance

Projected Lxx per IES TM-21 at 25°C

	LXX(10K) @ Hours		
SKU	**25,000 HR**	**50,000 HR**	**60,000 HR**
EPST	L97	L96	L94

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

Luminaire 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:	2.0G (1.5G for Pendant Mount) per ANSI C136.31-2010
LM-79:	Testing in accordance with IES Standards
Environmental:	Complies with the material restrictions of RoHS
Sound:	Class "A" rating
Intrusion Protection (IP):	IP65 rated optical enclosure per ANSI C136.25-2009.

Controls

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

 # Not available with Pendant Mount

Applications

- Local Roadways
- Parks and Pathways
- Antique Streetscapes
- University and Business Campuses

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

CONTROLS ENABLED

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CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

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Ordering Information

EPST 02

_ _

PROD. ID	GEN	VOLTAGE	LUMENS	DISTRIBUTION	CCT	CONTROLS PER ANSI C136.41	TOP TYPE	COLOR	OPTIONS
E = Evolve	02	0 = 120-277V	03	A = Symmetric Type V	30 = 3000K[1]	1 = None	A = Salem	BLCK = Black	R = Enhanced Surge Protection (10kV/5kA)
P = Post Top		H =347-480V[3]	04	B = Asymmetric Type III	40 = 4000K	A = 7-Pin PE Receptacle	T = Pendant Mount[2, 5]	DKBZ = Dark Bronze	U = DALI Programmable[4]
S = Salem			05			D = 7-Pin PE Receptacle w/ Shorting Cap			XXX = Special Options
T = Traditional			06			E = 7-Pin PE Receptacle w/ non Dimming PE			
			07						
			08						
			09						

[1] Select 3000K CCT for IDA approved units
[2] Please contact factory for availability
[3] Not available for 03 thru 06 lumen codes
[4] Not available with 347-480V
[5] Need to use **CONTROLS** digit "1" when specifying the **TOP TYPE** "T" pendant mount

OPTICAL CODE	DIST. CODE	LUMEN OUTPUT		WATTAGE		BUG RATINGS	
		4000K	3000K	120-277V	347-480V	4000K	3000K
03	Symmetric Type V	3000	2800	27	N/A	B2-U2-G1	B2-U1-G1
04		4000	3800	35	N/A	B2-U2-G1	B2-U2-G1
05		4900	4600	43	N/A	B3-U2-G1	B3-U2-G1
06		6100	5700	54	N/A	B3-U2-G1	B3-U2-G1
07		7000	6600	65		B3-U2-G1	B3-U2-G1
08		7900	7500	74		B3-U2-G2	B3-U2-G1
09		8900	8400	85		B3-U2-G2	B3-U2-G2
03	Asymmetric Type III	3000	2800	27	N/A	B1-U2-G1	B1-U1-G1
04		4000	3800	35	N/A	B1-U2-G1	B1-U2-G1
05		4900	4600	43	N/A	B1-U2-G2	B1-U2-G1
06		6100	5700	54	N/A	B1-U2-G2	B1-U2-G2
07		7000	6600	65		B1-U2-G2	B1-U2-G2
08		7900	7500	74		B2-U2-G2	B2-U2-G2
09		8900	8400	85		B2-U2-G2	B2-U2-G2

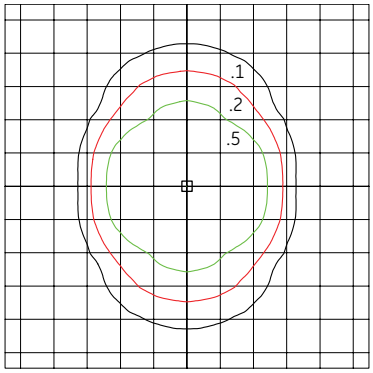
For additional information on EPST IES files, please refer to LED.com

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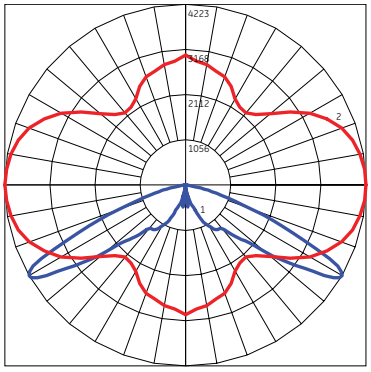
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EPST02
SYMMETRIC TYPE V

8,900 Lumens
4000K
EPST02_05C540___.IES



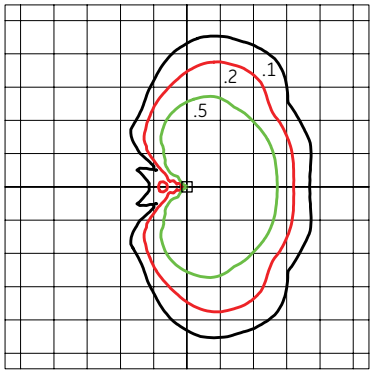
Grid Distance in Units of Mounting Height at 16'
Initial Footcandle Values at Grade



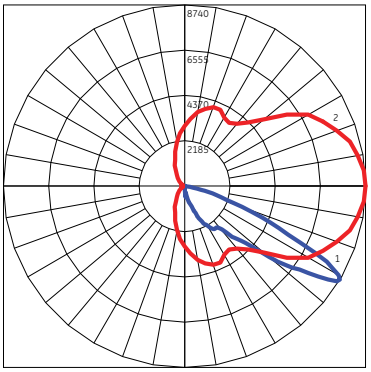
Vertical plane through horizontal angle of Max. Cd at 0°
Horizontal cone through vertical angle of Max. Cd at 60°

EPST02
ASYMMETRIC TYPE III

8,900 Lumens
4000K
EPST02_05V440___.IES

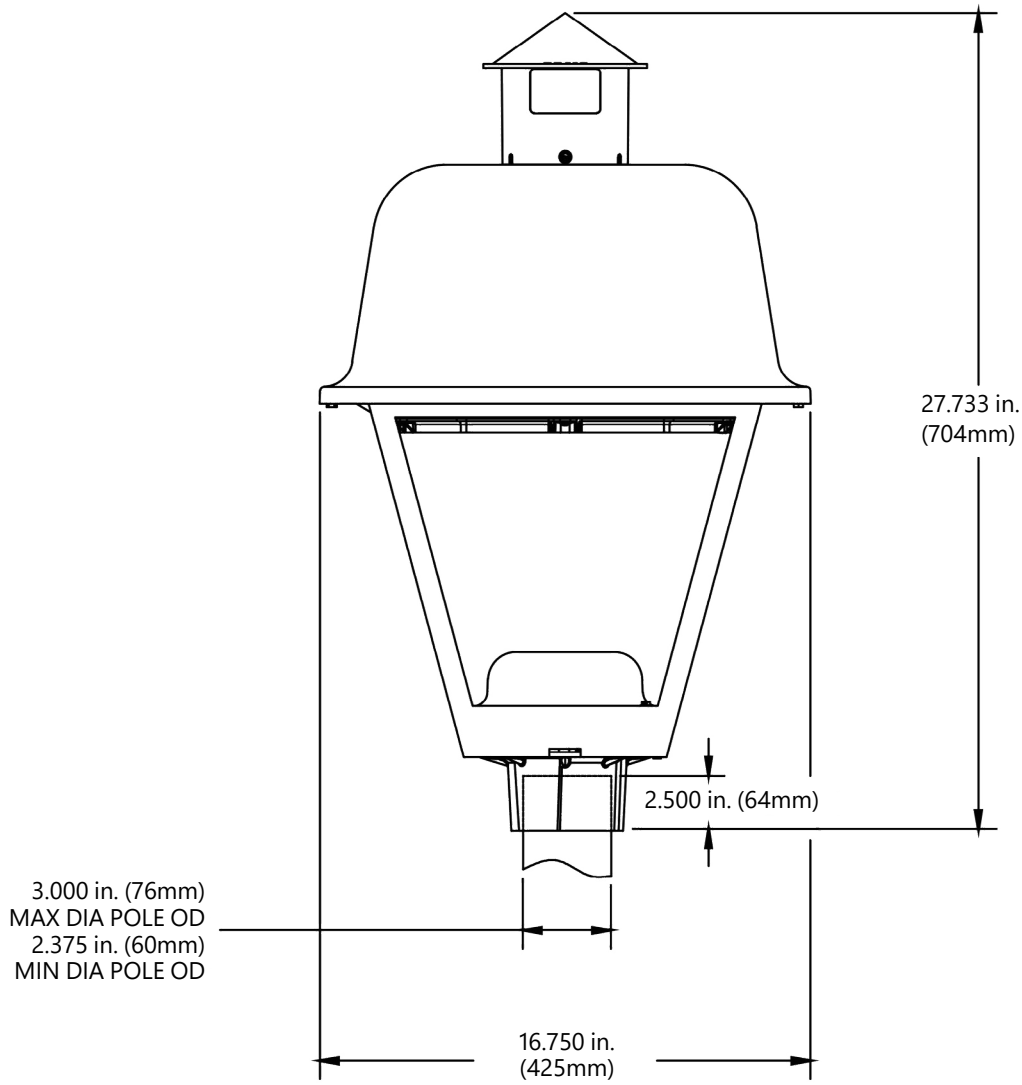


Grid Distance in Units of Mounting Height at 16'
Initial Footcandle Values at Grade



Vertical plane through horizontal angle of Max. Cd at 0°
Horizontal cone through vertical angle of Max. Cd at 59°

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Weight

- 23 lbs (10.4 kgs) - 24 lbs (10.9 kgs)

Effective Projected Area

- 1.6 sq ft max (0.15 sq m)

Suggested Mounting Height

- 8-16 ft. (2.5-5 m)

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EVOLVE

EPST Salem

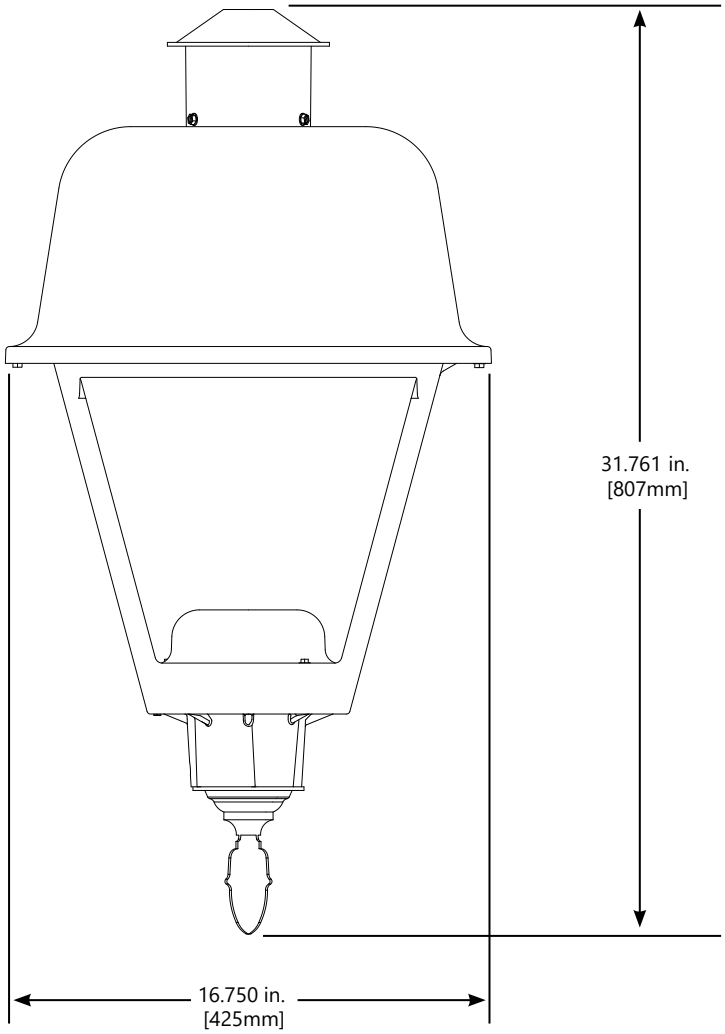
LED Post Top Light

CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____



Weight

- 25 lbs (11.3 kgs) - 28 lbs (12.7 kgs)

Effective Projected Area

- 1.6 sq ft max (0.15 sq m)

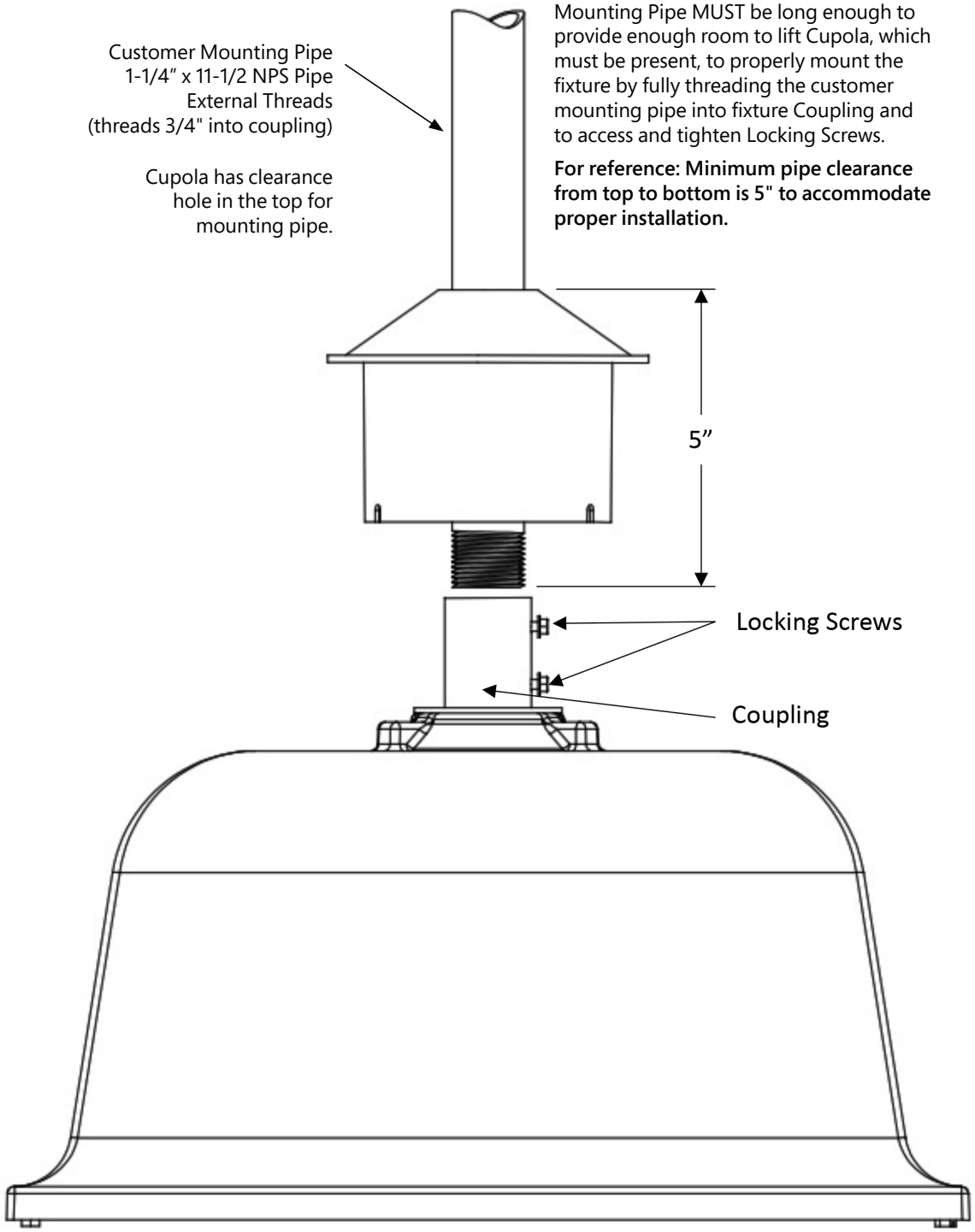
Suggested Mounting Height

- 8-16 ft. (2.5-5 m)

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CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
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Specific Pendant Mounting Information



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