

GE Evolve LED Post Top

Twin Support Contemporary (EPTC)



The GE Evolve LED Post Top Twin Support Contemporary (EPTC) offers energy efficiency and quality of light in your choice of two distinct, modern styles.

CONSTRUCTION

Housing:	Contemporary housing design. Die cast aluminum base with a spun aluminum top.
Lens:	UV resistant acrylic
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Gray RAL & custom colors available
Weight:	13.5 kgs – 14.0 kgs

OPTICAL SYSTEM

Lumens:	3,800 - 8,400
Distribution:	Symmetric Type V Asymmetric Type III
Efficacy:	103 - 118 LPW
CCT:	3000K, 4000K
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
10kV/5kA

*Per ANSI C136.2-2015

LUMEN MAINTENANCE

Projected Lxx per IES TM-21 at 25°C

Lumen Codes	Distribution	LXX(10K) @ Hours		
		25,000 HR	50,000 HR	60,000 HR
04 - 08	A, B	L97	L96	L95

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:	2G per Per ANSI C136.31-2010
LM-79:	Testing in accordance with IES Standards
Safety:	IEC 60598-2-3

CONTROLS

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

WARRANTY

5 Year (Standard)

10 Year (Optional)



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

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Catalogue Logic & Spec Tables

EPTC 02

PROD. ID	GEN	VOLTAGE	LUMENS	DISTRIBUTION	CCT	CONTROLS	TOP TYPE	COLOR	OPTIONS
E = Evolve	02	0 = 120-277		A = Symmetric Type V	30 = 3000K	1 = None	A = Tiered Circular	BLCK = Black	R = Secondary 10kV/5kA SPD
P = Post Top			04	B = Asymmetric Type III	40 = 4000K		B = Tiered Cone	GRAY = Gray	U = DALI Programmable ²
TC= Twin Support Contemporary						D = ANSI C136.41 7-Pin PE Receptacle w/ Shorting Cap			XXX = Special Options
								XXXX = Special options on request	
			08						

OPTICAL CODE	DIST CODE	TYPICAL INITIAL LUMEN OUTPUT		TYPICAL SYSTEM WATTAGE		BUG RATINGS	
		4000K	3000K	120-277V	347-480V	4000K	3000K
04	Symmetric Type V	4100	3800	35	N/A	B2-U0-G1	B2-U0-G1
		6400	6000	54	N/A	B3-U0-G1	B3-U0-G1
		7300	6900	65		B3-U0-G1	B3-U0-G1
08		8400	7900	74		B3-U0-G2	B3-U0-G2
		9500	8800	85		B3-U0-G2	B3-U0-G2
	Asymmetric Type III	3100	2900	27	N/A	B1-U0-G1	B0-U0-G1
04		4100	3800	35	N/A	B1-U0-G2	B1-U0-G1
		5100	4800	43	N/A	B1-U0-G2	B1-U0-G2
		6400	6000	54		B1-U0-G2	B1-U0-G2
		7300	6900	65		B1-U0-G2	B1-U0-G2
08		8400	7900	74		B1-U0-G2	B1-U0-G2
		9500	8800	85		B1-U0-G2	B1-U0-G2

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Photometric Plots

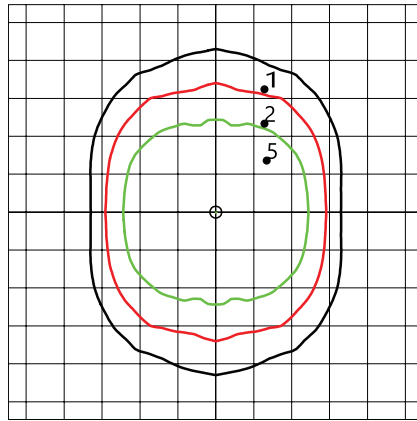
EPTC02

Symmetric (Type V)

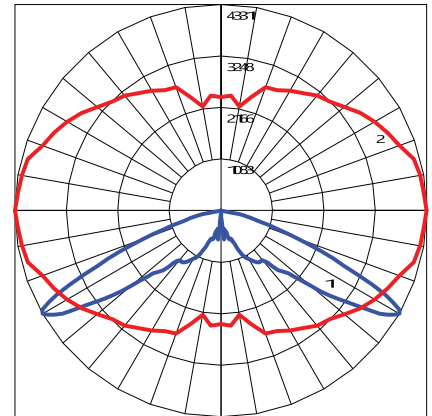
9,500 Lumens

4000K

EPTC02_09A40_.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°

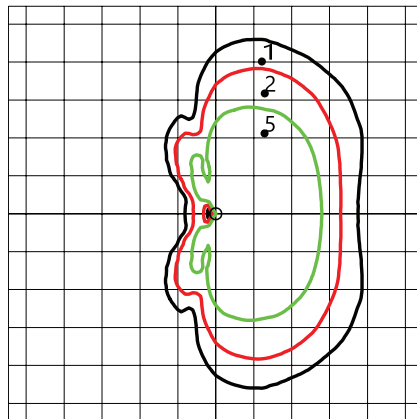
EPST02

Asymmetric (Type III)

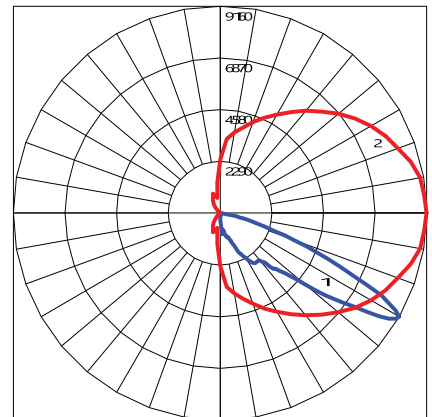
9,500 Lumens

4000K

EPTC02_09B40_.IES



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



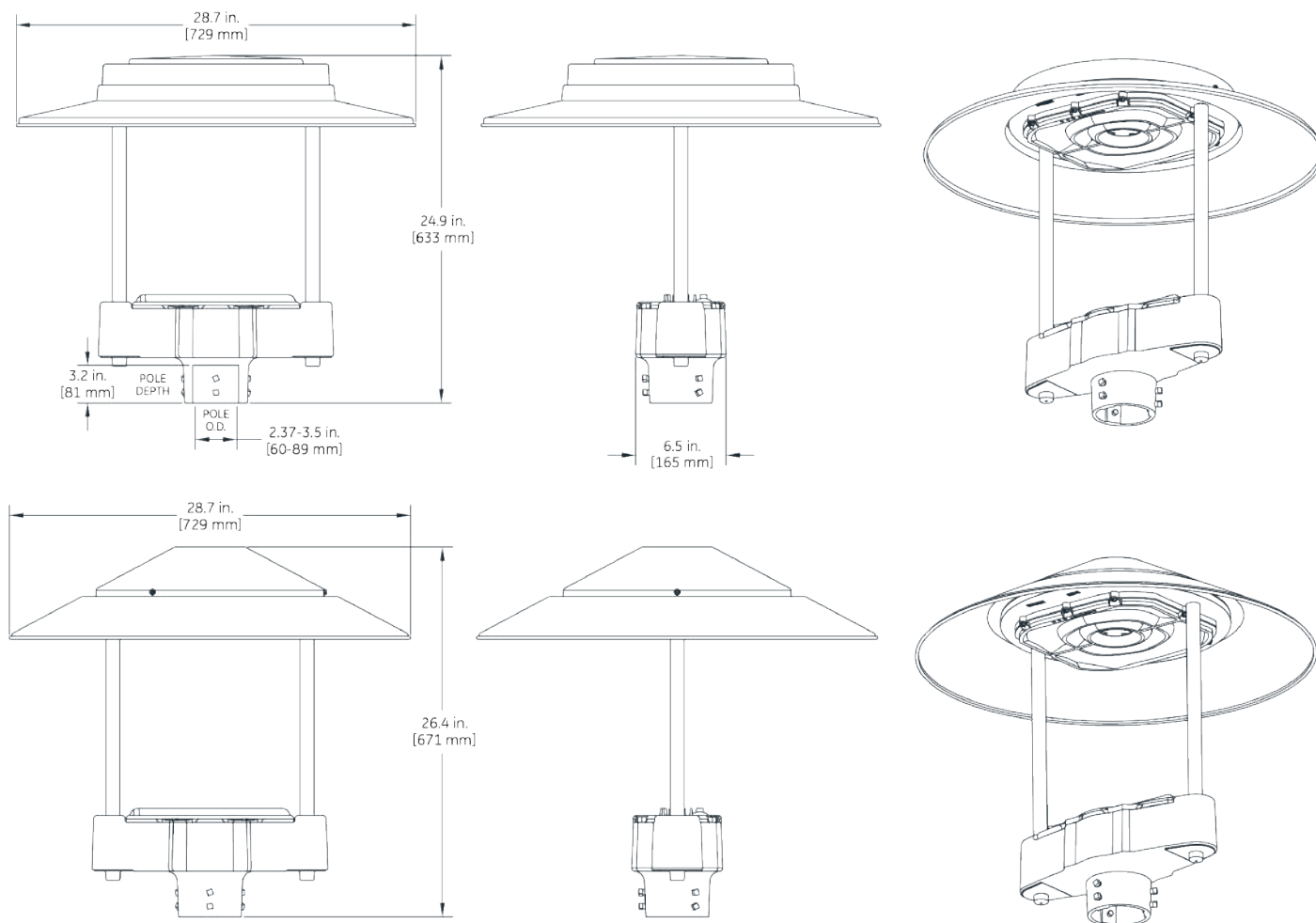
- Vertical plane through horizontal angle of Max. Cd at 0°
- Horizontal cone through vertical angle of Max. Cd at 60°

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Mounting & Accessories



MOUNTING

- Mounts to 60-76mm OD vertical tenon
- Suggested Mounting Height = 2.5-5 m

WEIGHT

- 13.5 kgs – 14.0 kgs

EFFECTIVE PROJECTED AREA

- 0.10 sq. m