EVOLVE

CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

EPTC Twin Support Contemporary

LED Post Top Light

The **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, Dark Bronze RAL & custom colors available
Weight:	29.8 lbs. (13.5 kgs.) – 30.8 lbs. (14.0 kgs.)

Optical System

Lumens:	2,900 - 9,500
Distribution:	Symmetric Type V Asymmetric Type III
Efficacy:	103 - 118 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	☐ 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
03 - 09	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

Controls

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

Warranty

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

UL Listed · UL CERTIFIED · UL1598 · DLC LISTED · IP65 · IK08 · CONTROLS ENABLED

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

EVOLVE

EPTC Twin Support Contemporary
LED Post Top Light

CUSTOMER NAME _____

PROJECT NAME _____

DATE _____ TYPE _____

CATALOG NUMBER _____

Ordering Information

E P T C 02

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

PROD. ID	GEN	VOLTAGE	LUMENS	DISTRIBUTION	CCT	CONTROLS PER ANSI C136.41	TOP TYPE	COLOR	OPTIONS
E = Evolve	02	0 = 120-277V	03 = 3000 lm	A = Symmetric Type V	30 = 3000K	1 = None[3]	A = Tiered Circular	BLCK = Black	R = Enhanced Surge Protection (10kV/5kA)
P = Post Top		H = 347-480V[1]	04 = 4000 lm	B = Asymmetric Type III	40 = 4000K	A = 7-Pin PE Receptacle	B = Tiered Cone	DKBZ = Dark Bronze	U = DALI Programmable[2]
TC= Twin Support Contemporary			05 = 5000 lm			D = 7-Pin PE Receptacle w/ Shorting Cap			XXX = Special Options
			06 = 6000 lm			E = 7-Pin PE Receptacle w/ non Dimming PE			
			07 = 7000 lm						
			08 = 8000 lm						
			09 = 9000 lm						

[1] **Not available for 03 thru 06 lumen codes**
[2] **Not available for 347-480V**
[3] **Not available with DALI**

OPTICAL CODE	DIST CODE	TYPICAL INITIAL LUMEN OUTPUT		TYPICAL SYSTEM WATTAGE		BUG RATINGS	
		4000K	3000K	120-277V	347-480V	4000K	3000K
03	Symmetric Type V	3100	2900	27	N/A	B2-U0-G1	B2-U0-G1
04		4100	3800	35	N/A	B2-U0-G1	B2-U0-G1
05		5100	4800	43	N/A	B3-U0-G1	B3-U0-G1
06		6400	6000	54	N/A	B3-U0-G1	B3-U0-G1
07		7300	6900	65		B3-U0-G1	B3-U0-G1
08		8400	7900	74		B3-U0-G2	B3-U0-G2
09		9500	8800	85		B3-U0-G2	B3-U0-G2
03	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
05		5100	4800	43	N/A	B1-U0-G2	B1-U0-G2
06		6400	6000	54		B1-U0-G2	B1-U0-G2
07		7300	6900	65		B1-U0-G2	B1-U0-G2
08		8400	7900	74		B1-U0-G2	B1-U0-G2
09		9500	8800	85		B1-U0-G2	B1-U0-G2

For additional information on EPTC IES files, please click the following link: **EPTC IES Files**

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

EVOLVE

EPTC Twin Support Contemporary
LED Post Top Light

CUSTOMER NAME _____

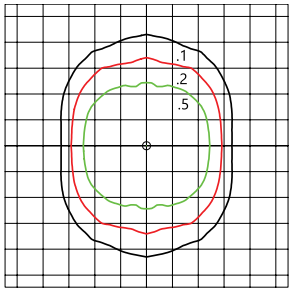
PROJECT NAME _____

DATE _____ TYPE _____

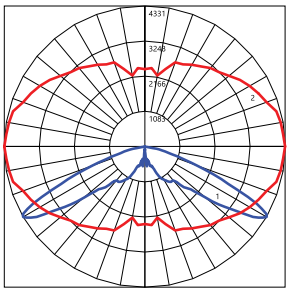
CATALOG NUMBER _____

EPTC02
Symmetric (Type V)

9,500 Lumens
4000K
EPTC02_09A40_.IES



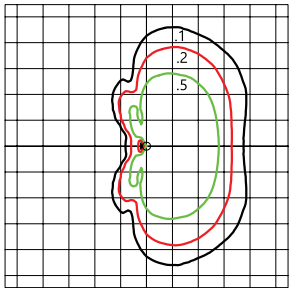
- Grid Distance in Units of Mounting Height at 16'
- Initial Footcandle Values at Grade



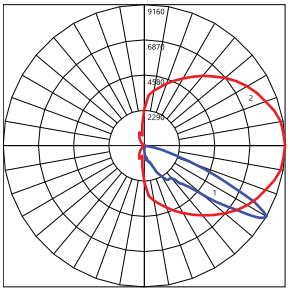
— Vertical plane through horizontal angle of Max. Cd at 0°
— Horizontal cone through vertical angle of Max. Cd at 60°

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°

EVOLVE

EPTC Twin Support Contemporary

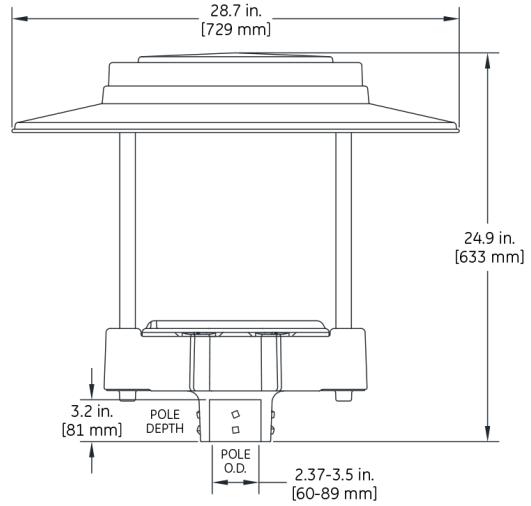
LED Post Top Light

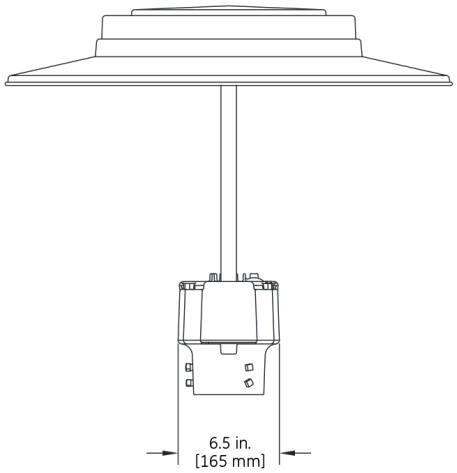
CUSTOMER NAME _____

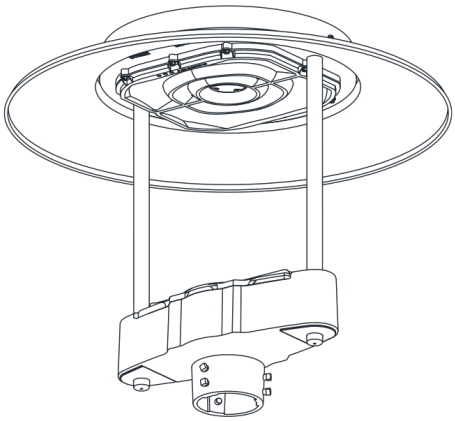
PROJECT NAME _____

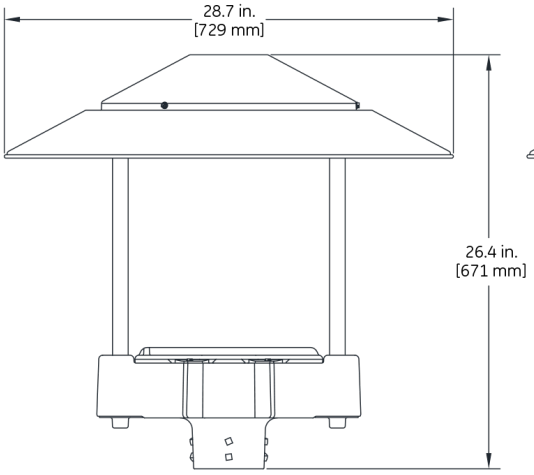
DATE _____ TYPE _____

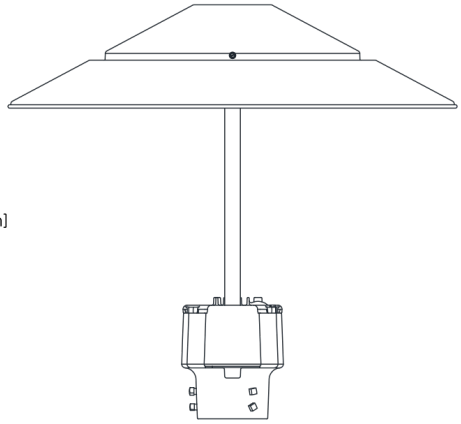
CATALOG NUMBER _____

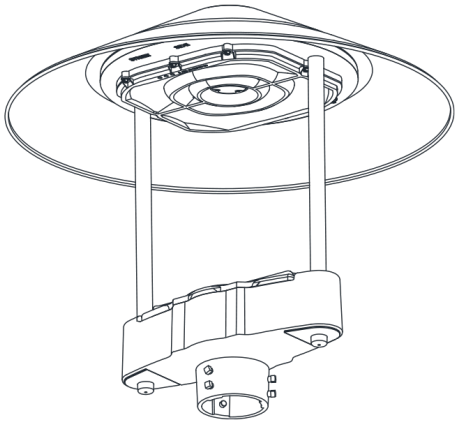












Mounting

- Mounts to 2-3/8 to 3-inch (60-76mm) OD vertical tenon
- Suggested Mounting Height = 8-16 ft. (2.5-5 m)

Weight

- 29.8 lbs (13.5 kgs) – 30.8 lbs (14.0 kgs)

Effective projected area

- 1.12 sq. ft. max (0.10 sq. m)