# EVOLVE

### EPTC Twin Support Contemporary

LED Post Top Light



Project Name \_\_

Date -

Notes .

The **Evolve**<sup>®</sup> 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:	$\geq$ 90% at rated watts
Total Harmonic Distortion:	≤ 20% at rated watts

#### Surge Protection\*

STA	NDARD	OPTIONAL
6	kV/3kA	10kV/5kA
		*Per ANSI C136.2-2015

#### Lumen Maintenance

\_ Type \_\_

Projected Lxx per IES TM-21 at 25°C

Lumen Codes	Distribution	LXX(10K) @ Hours				
	Distribution	25,000 HR	50,000 HR	60,000 HR		
03 - 09	А, В	L97	L96	L95		

Note: Projected Lxx based on LM80 ( $\geq$  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:	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)



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

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LED Post Top Light

Catalog Logic & Spec Tables

#### Project Name \_\_\_\_\_\_ Date \_\_\_\_\_\_ Type \_\_\_\_\_ Notes \_\_\_\_\_

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#### **Ordering Information**

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### EPTC 02

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PROD. ID	GEN	VOLTAGE	LUMENS	DISTRIBUTION	сст	CONTROLS PER ANSI C136.41	ТОР ТҮРЕ	COLOR	OPTIONS
E = Evolve	02	0 = 120-277V	03 = 3000 lm	A = Symmetric Type V	30 = 3000K	1 = None <sup>3</sup>	A = Tiered Circular	BLCK = Black	R = Secondary 10kV/5kA SPD
P = Post Top		H = 347- 480V <sup>1</sup>	04 = 4000 lm	B = Asymmetric Type III	40 = 4000K	A = 7-Pin PE Receptacle	B = Tiered Cone	DKBZ = Dark Bronze	U = DALI Programmable <sup>2</sup>
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						

<sup>1</sup> Not available for 03 thru 06 lumen codes

<sup>2</sup> Not available for 347-480V

<sup>3</sup> Not available with DALI

OPTICAL		TYPICAL INITIAL LUMEN OUTPUT		TYPICAL SYST	EM WATTAGE	BUG RATINGS	
CODE	DISTCODE	4000K	3000К	120-277V	347-480V	4000K	3000К
03		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	Symmetric Type V	6400	6000	54	N/A	B3-U0-G1	B3-U0-G1
07		7300	6900	6	5	B3-U0-G1	B3-U0-G1
08		8400	7900	7	4	B3-U0-G2	B3-U0-G2
09		9500	8800	8	5	B3-U0-G2	B3-U0-G2
03		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	Asymmetric Type III	6400	6000	54		B1-U0-G2	B1-U0-G2
07		7300	6900	6	5	B1-U0-G2	B1-U0-G2
08		8400	7900	74		B1-U0-G2	B1-U0-G2
09		9500	8800	8	5	B1-U0-G2	B1-U0-G2

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

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# E V O L V E EPTC Twin Support Contemporary LED Post Top Light

Photmetric Plots

#### Project Name \_\_ Date \_\_\_\_

Notes \_

\_\_\_\_ Type\_\_

#### 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  $0^\circ$ 

 Horizontal cone through vertical angle of Max. Cd at 60°

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# E V O L V E EPTC Twin Support Contemporary

### LED Post Top Light

Mounting & Accessories

Project Name		
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### Mounting

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

### **Effective Projected Area**

• 1.12 sq. ft. max (0.10 sq. m)

Weight

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