



CUSTOMER NAME

PROJECT NAME

DATE

TYPE

CATALOG NUMBER

EPAS Avery StreetDreams®

LED Post Top Lighting

The **Evolve®** LED Post Top Avery StreetDreams® (EPAS) offers energy efficiency and quality of light in a classic, traditional 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.

Construction

Housing:	- Classic Look Die-cast aluminum housing - Internal heat sink ensuring maximum heat transfer for long LED life - Scroll or Medallion Crown & Ribs appearance options - Cupola compatible with C136.41 PE's, Shorting Caps and LightGrid Nodes
Lensing:	UV Resistant Acrylic Globe
Paint:	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Standard = Black, Dark Bronze (RAL & custom colors available)
Weight:	43 lbs (19.5 kg) – 54 lbs (24.5 kg)

Optical System

Lumens:	2,600 - 9,300
Distribution:	Symmetric Type V Symmetric Type V Diffused Asymmetric Type III Asymmetric Type III Diffused
Efficacy:	76 to 116 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 C136.2-2018

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	L96

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:	2.0 G 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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Ordering Information

EPAS 02

PROD. ID	GEN	VOLTAGE	LUMEN OUTPUT	DISTRIBUTION	CCT	CONTROLS PER ANSI C136.41	POD TYPE	TOP/CAGE TYPE	FINIAL	Color	OPTIONS
E = Evolve	02	0 = 120-277	03	A = Symmetric Type V	30 = 3000K	1 = None	A = Leaf	A = Colony Top	A = Silhouette	BLCK = Black	R = Secondary 10kV/5kA SPD
P = Post Top		H = 347-480V ^{1,6}	04	B = Asymmetric Type III	40 = 4000K	2 = PE Rec. (in Pod) ^{2,3}	B = Frame ⁵	B = Colony Top + Medallion C&R	B = Acorn	DKBZ = Dark Bronze	U = DALI ^{7,8} Programmable
A = Avery			05	C = Symmetric Type V Diffused Optical Lens*		4 = PE Rec. with Shorting Cap (in Pod) ^{2,3}	C = Column	C = Colony Top + Scroll C&R	C = Fluer-De-Lis		XXX = Special Options
S = Street Dreams			06	D = Asymmetric Type III Diffused Optical Lens*		5 = PE Rec. (in Pod) w/std PE in box ^{2,3}	D = Flute ⁵	D = Scroll Top	E = Blossom		
			07			A = 7-Pin PE Receptacle on Top (Colony style PE Top) ⁴		E = Scroll Top + Medallion C&R	F = Spike		
			08	* Lens cover over optical assembly		D = 7-Pin PE Receptacle on Top (Colony style PE Top) w/Shorting Cap ⁴		F = Scroll Top + Scroll C&R	G = Oak		
			09			E = 7-Pin PE Receptacle on Top (Colony style PE Top) w/ non Dimming PE in box ⁴		G = Colony Style w/PE Top	H = Steeple		
								H = Colony Style w/PE Top + Medallion C&R	X = None		
								J = Colony Style w/PE Top + Scroll C&R			

¹ See chart below for availability

² Only available with Top/Cage Types A,B,C,D,E & F

³ 2, 4 & 5 (in Pod) NOT compatible w/wireless controls

⁴ Only available with Top/Cage option G, H & J

⁵ Contact Manufacturer for Lead Time

⁶ Not available with DALI

⁷ Top/Cage Type G, H, and J only

⁸ Not available in 347-380V



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DISTRIBUTION CODE	LUMEN OUTPUT CODE	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATINGS		TOP/CAGE CODE
		4000K	3000K	120-277V	347-480V	4000K	3000K	
A Symmetric Type V	03	3000	2800	27	N/A	B2-U2-G1	B2-U2-G1	A, D, G No C&R
	04	4000	3800	35	N/A	B2-U2-G1	B2-U2-G1	
	05	5000	4700	43	N/A	B3-U2-G1	B3-U2-G1	
	06	6200	5800	54	N/A	B3-U3-G1	B3-U3-G1	
	07	7200	6800	65		B3-U3-G2	B3-U3-G2	
	08	8200	7700	74		B3-U3-G2	B3-U3-G2	
	09	9300	8800	85		B3-U3-G2	B3-U3-G2	
B Asymmetric Type III	03	3000	2800	27	N/A	B1-U2-G1	B1-U2-G1	
	04	4000	3800	35	N/A	B1-U2-G1	B1-U2-G1	
	05	5000	4700	43	N/A	B1-U3-G2	B1-U3-G2	
	06	6200	5800	54	N/A	B1-U3-G2	B1-U3-G2	
	07	7200	6800	65		B1-U3-G2	B1-U3-G2	
	08	8200	7700	74		B1-U3-G2	B1-U3-G2	
	09	9300	8800	85		B2-U3-G2	B2-U3-G2	
A Symmetric Type V	03	3500	3300	35	N/A	B2-U2-G1	B2-U2-G1	B, E or H Medallion C&R
	04	4400	4100	43	N/A	B2-U2-G1	B2-U2-G1	
	05	5500	5200	54	N/A	B3-U2-G1	B3-U2-G1	
	06	6400	6100	65		B3-U2-G1	B3-U2-G1	
	07	7300	6900	74		B3-U2-G1	B3-U2-G1	
	08	8300	7800	85		B3-U3-G2	B3-U3-G1	
	N/A	N/A	N/A	N/A		N/A	N/A	
B Asymmetric Type III	03	3500	3300	35	N/A	B1-U2-G1	B1-U2-G1	
	04	4400	4100	43	N/A	B1-U2-G1	B1-U2-G1	
	05	5500	5200	54	N/A	B1-U2-G2	B1-U2-G2	
	06	6400	6100	65		B1-U2-G2	B1-U2-G2	
	07	7300	6900	74		B1-U3-G2	B1-U3-G2	
	08	7800	8300	85		B1-U3-G2	B1-U3-G2	
	N/A	N/A	N/A	N/A		N/A	N/A	
A Symmetric Type V	03	3700	3500	43	N/A	B2-U2-G1	B2-U2-G1	C, F or J Scroll C&R
	04	4700	4400	54	N/A	B2-U2-G1	B2-U2-G1	
	05	5400	5100	65		B3-U2-G1	B2-U2-G1	
	06	6200	5800	74		B3-U2-G1	B3-U2-G1	
	07	7000	6600	85		B3-U2-G1	B3-U2-G1	
	N/A	N/A	N/A	N/A		N/A	N/A	
B Asymmetric Type III	03	3700	3500	43	N/A	B1-U2-G1	B1-U2-G1	
	04	4700	4400	54	N/A	B1-U2-G1	B1-U2-G1	
	05	5400	5100	65		B1-U2-G2	B1-U2-G1	
	06	6200	5800	74		B1-U3-G2	B1-U2-G2	
	07	7000	6600	85		B1-U3-G2	B1-U3-G2	
	N/A	N/A	N/A	N/A		N/A	N/A	

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

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DISTRIBUTION CODE	LUMEN OUTPUT CODE	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATINGS		TOP/CAGE CODE
		4000K	3000K	120-277V	347-480V	4000K	3000K	
C Symmetric Type V Diffuse Lens	03	2800	2800	27	N/A	B2-U2-G1	B2-U2-G1	A, D, G No C&R
	04	3800	3800	35	N/A	B2-U2-G1	B2-U2-G1	
	05	4700	4700	43	N/A	B2-U2-G2	B2-U2-G1	
	06	5900	5900	54	N/A	B3-U2-G2	B3-U2-G2	
	07	6900	6900	65		B3-U3-G2	B3-U3-G2	
	08	7800	7800	74		B3-U3-G2	B3-U3-G2	
	09	8900	8900	85		B3-U3-G2	B3-U3-G2	
D Asymmetric Type III Diffuse Lens	03	2800	2600	27	N/A	B1-U2-G1	B1-U2-G1	
	04	3800	3600	35	N/A	B1-U2-G1	B1-U2-G1	
	05	4700	4500	43	N/A	B1-U2-G2	B1-U2-G2	
	06	5900	5500	54	N/A	B1-U3-G2	B1-U2-G2	
	07	6900	6500	65		B1-U3-G2	B1-U3-G2	
	08	7800	7300	74		B2-U3-G2	B1-U3-G2	
	09	8900	8350	85		B2-U3-G2	B2-U3-G2	
C Symmetric Type V Diffuse Lens	03	3300	3100	35	N/A	B2-U2-G1	B2-U2-G1	B, E or H Medallion C&R
	04	4200	3900	43	N/A	B2-U2-G1	B2-U2-G1	
	05	5300	5000	54	N/A	B3-U2-G1	B2-U2-G1	
	06	6100	5700	65		B3-U2-G1	B3-U2-G1	
	07	7000	6600	74		B3-U2-G1	B3-U2-G1	
	08	8000	7500	85		B3-U2-G1	B3-U2-G1	
	N/A	N/A	N/A	N/A		N/A	N/A	
D Asymmetric Type III Diffuse Lens	03	3300	3100	35	N/A	B1-U2-G1	B1-U2-G1	
	04	4200	3900	43	N/A	B1-U2-G1	B1-U2-G1	
	05	5300	5000	54	N/A	B1-U2-G1	B1-U2-G1	
	06	6100	5700	65		B1-U2-G2	B1-U2-G2	
	07	7000	6600	74		B1-U2-G2	B1-U2-G2	
	08	8000	7500	85		B1-U2-G2	B1-U2-G2	
	N/A	N/A	N/A	N/A		N/A	N/A	
C Symmetric Type V Diffuse Lens	03	3600	3400	43	N/A	B2-U2-G1	B2-U2-G1	C, F or J Scroll C&R
	04	4600	4300	54	N/A	B2-U2-G1	B2-U2-G1	
	05	5300	5000	65		B2-U2-G1	B2-U2-G1	
	06	6100	5700	74		B3-U2-G1	B3-U2-G1	
	07	6900	6500	85		B3-U3-G1	B3-U3-G1	
	N/A	N/A	N/A	N/A		N/A	N/A	
D Asymmetric Type III Diffuse Lens	03	3600	3400	43	N/A	B1-U2-G1	B1-U2-G1	
	04	4600	4300	54	N/A	B1-U2-G1	B1-U2-G1	
	05	5300	5000	65		B1-U2-G2	B1-U2-G1	
	06	6100	5700	74		B1-U3-G2	B1-U2-G2	
	07	6900	6500	85		B1-U3-G2	B1-U3-G2	
	N/A	N/A	N/A	N/A		N/A	N/A	

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

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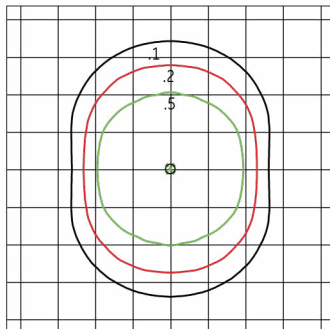
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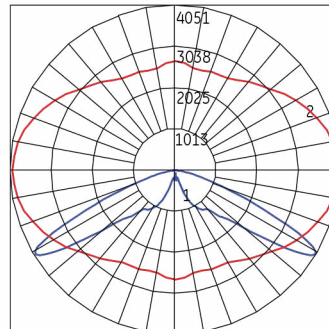
CATALOG NUMBER _____

EPAS02 TYPE V SYMMETRIC – NO CAGE

9,300 Lumens
4000K
EPAS02*09A*40*** (A, D or G)



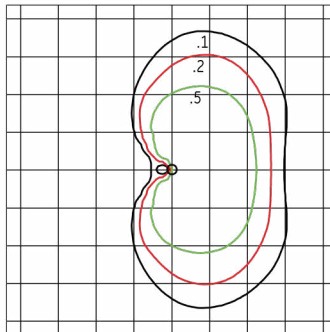
Grid Distance in Units of Mounting Height at 16'
Initial Footcandle Values at Grade



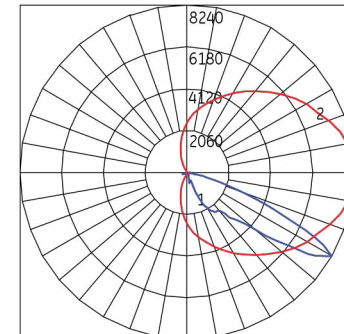
— Vertical Plane thru Horizontal Angle of Max. Cd at 0°
— Horizontal Cone thru Vertical Angle of Max. Cd at 59°

EPAS02 TYPE III ASYMMETRIC – NO CAGE

9,300 Lumens
4000K
EPAS02*09A*40*** (A, D or G)



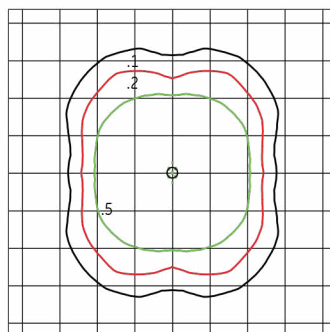
Grid Distance in Units of Mounting Height at 16'
Initial Footcandle Values at Grade



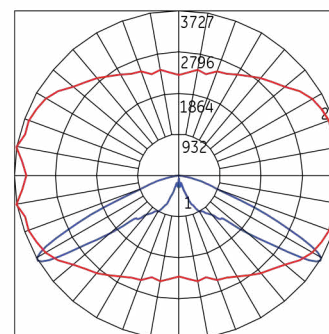
— Vertical Plane thru Horizontal Angle of Max. Cd at 0°
— Horizontal Cone thru Vertical Angle of Max. Cd at 60°

EPAS02 TYPE V SYMMETRIC – MEDALLION C&R

8,300 Lumens
4000K
EPAS02*08A*40*** (B, E or H)



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



— Vertical Plane thru Horizontal Angle of Max. Cd at 10°
— Horizontal Cone thru Vertical Angle of Max. Cd at 59°

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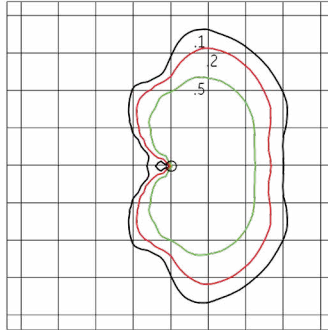
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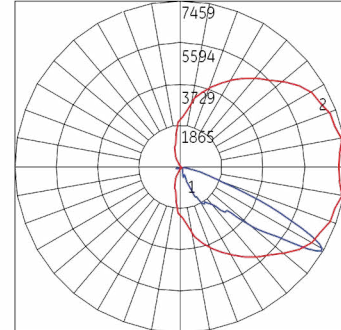
CATALOG NUMBER _____

EPAS02 TYPE III ASYMMETRIC – MEDALLION C&R

8,300 Lumens
4000K
EPAS02*08B*40*** (B, E or H)



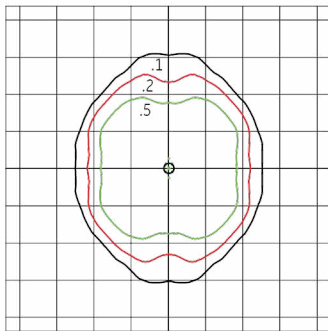
Grid Distance in Units of Mounting Height at 16'
Initial Footcandle Values at Grade



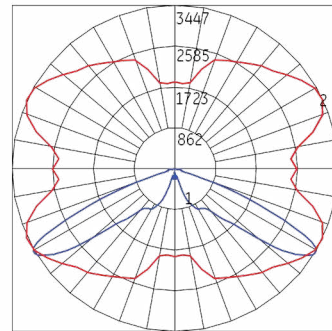
— Vertical Plane thru Horizontal Angle of Max. Cd at 10°
— Horizontal Cone thru Vertical Angle of Max. Cd at 59°

EPAS02 TYPE V SYMMETRIC – SCROLL C&R

7,000 Lumens
4000K
EPAS02*08A*40*** (C, F or J)



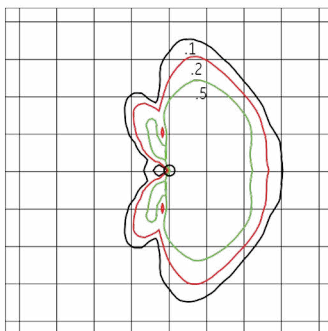
Grid Distance in Units of Mounting Height at 16'
Initial Footcandle Values at Grade



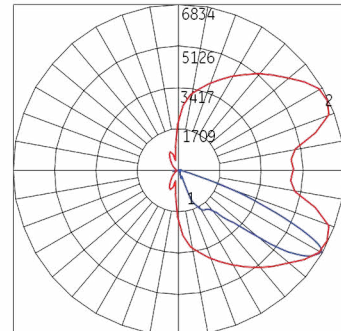
— Vertical Plane thru Horizontal Angle of Max. Cd at 25°
— Horizontal Cone thru Vertical Angle of Max. Cd at 59°

EPAS02 TYPE III ASYMMETRIC – SCROLL C&R

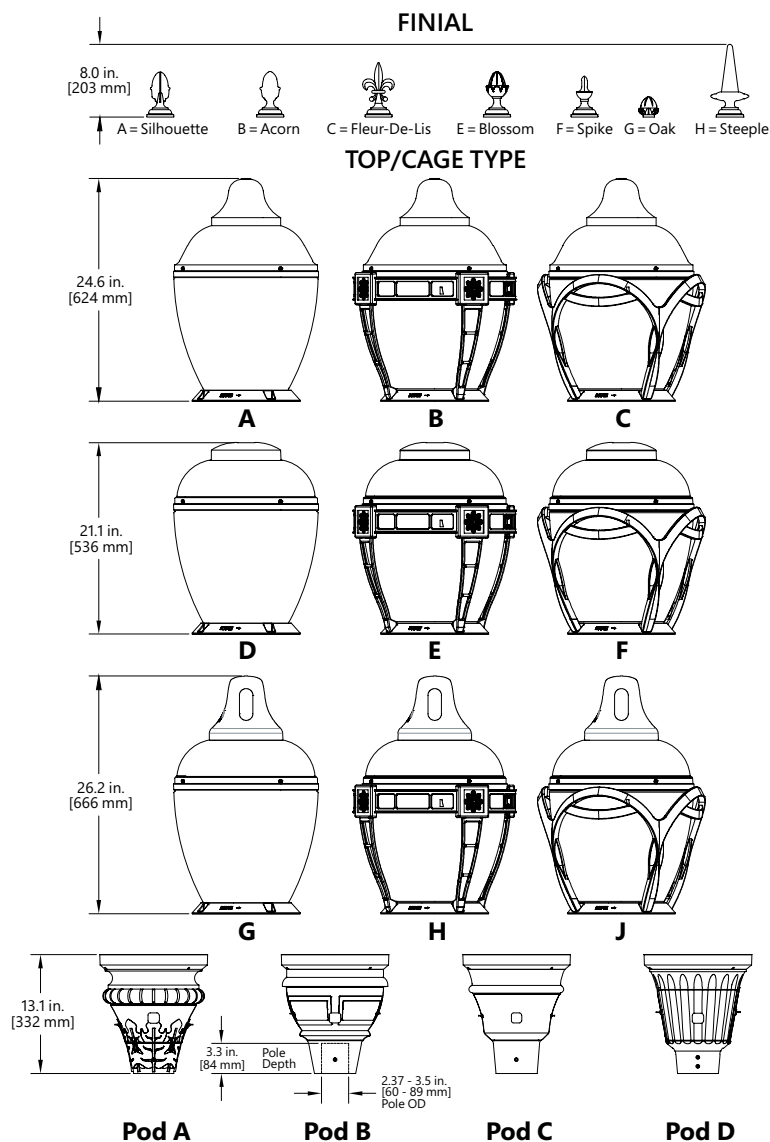
7,000 Lumens
4000K
EPAS02*07B*40*** (C, F or J)



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



— Vertical Plane thru Horizontal Angle of Max. Cd at 25°
— Horizontal Cone thru Vertical Angle of Max. Cd at 60°



Mounting

- Mounts to 2-3/8 to 3-inch (60-76mm) OD vertical tenon
- Suggested Mounting Height = 8-16 ft. (2.5 - 5.5M)

Effective Projected Area

- 1.4 sq. ft. max (0.15 sq M max)

Weight

- Approximate Net Weight: 43 lbs (19.5 kgs) – 54 lbs (24.5 kgs)