

# Coach Style Lantern

## Post Top Mount



PROJECT:

TYPE:

### Features

The Coach Style Lantern - Post Top (CSL-P) luminaire is a classically styled post-top lantern that offers a choice of several optical systems. Optional controls available.

### Product Overview

Wattage:	24W, 44W, 60W, 79W
Lumen Output:	9374 lm (79W, T2, 4000K)
Color Temp:	3000K, 4000K
Dimming:	0-10V dimming
Luminaire Weight:	≈18 lbs (8.1 kg)
Shipping Weight:	≈24 lbs (10.8 kg)
EPA:	1.61 (2.77 with optional lens)



CSL-P

### Certifications



5 year limited warranty  
AMERLUX LED

POWDER COATED  
TOUGH



Certain Restrictions Apply for DarkSky International

### Fixture Summary

#### Construction:

Die-cast aluminum housing ensures rigidity and longevity in application. The rooftop casting is hinged to the cage and utilizes tool-less hardware for ease of installation and maintenance.

#### Optical Module:

The luminaire utilizes up to four IP66 sealed optical modules consisting of a high performance LED board with an acrylic (TIR) lens to deliver maximum spacing and uniformity. A choice of Type 2 (T2), Type 3 (T3), Type 4 (T4), or Type 5 (T5), IES distributions are available with the scalability to meet application criteria. Custom configurations available.

#### Electrical:

- 12 LEDs per module
- LED board drive current 530mA (custom drive currents available)
- Universal input voltage 120-277VAC (50/60Hz)
- Operational Temp: -40°C/40°C
- Power consumption up to 79W
- Series wired 20kV/10kA surge protector (per ANSI C82.77-5-2015)
- 0-10V dimming is standard
- 347V/480V option available
- DLC listed

#### Light Distribution:

- Type II
- Type III
- Type IV
- Type V

#### CCT:

- 3000K
- 4000K

#### Photo Control:

A 7-pin twistlock photocell receptacle with a shorting cap is standard.

- 3-pin twistlock photocell is an accessory and must be specified.

#### Mounting:

Slip fits Ø3" tenon

#### Finish:

Durable thermoset polyester powdercoat finish in the following:

- Textured Black
- Classic Bronze
- Gloss Textured Bronze
- Gloss Textured Black
- Satin Black

#### Optional Lens:

- Textured Acrylic

#### Accessories:

- Bird Guard
- Backlight Shield (available for T2, T3 & T4 distributions)
- Twistlock Photocell
- Wireless control option

## Post Top Mount



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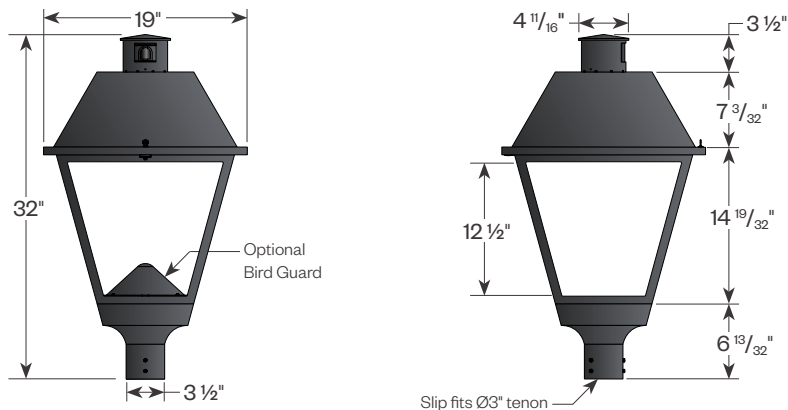
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## Ordering Information

CSL-P							
1	2	3	4	5	6		
1	Model	2	LED Module	3	CCT	4	Light Distribution
	CSL-P		1M 1 module 2M 2 modules 3M 3 modules 4M 4 modules		30* 3000K 40 4000K		T2 Type II T3 Type III T4 Type IV T5 Type V
5	Finish	6	Accessories				
	TBK textured black CLB classic bronze GBZ gloss textured bronze GTB gloss textured black BLK satin black		347V/480V 347/480 voltage TA* textured acrylic lens BG bird guard BLS backlight shield (available for T2, T3 & T4 distributions only) TW-PCL twistlock photocell				

*\* To meet DarkSky International Fixture Seal of Approval 3000K CCT must be chosen, and no Textured Acrylic (TA) option used.*

## Product Details



## Power

LED Modules	1M	2M	3M	4M
Power	24W	44W	60W	79W
Amperage Draw @ 120V (A)	0.2	0.36	0.50	0.65
Amperage Draw @ 277V (A)	0.08	0.15	0.21	0.28

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## Performance Data

Driver Output	System Watts	Light Distribution	CCT	Lumens*	Bug Rating	Lumens with TA Lens
1M	24W	T2	3,000K	2,215	1-0-1	2,060
			4,000K	2,395	1-0-1	2,227
		T3	3,000K	2,234	1-0-1	2,078
			4,000K	2,416	1-0-1	2,247
		T4	3,000K	2,161	1-0-1	2,010
			4,000K	2,336	1-0-1	2,228
		T5	3,000K	2,257	1-0-0	2,099
			4,000K	2,440	1-0-0	2,269
		T2	3,000K	4,326	1-0-1	4,023
			4,000K	4,677	1-0-1	4,350
2M	44W	T3	3,000K	4,366	1-0-1	4,060
			4,000K	4,720	1-0-1	4,390
		T4	3,000K	4,224	1-0-1	3,928
			4,000K	4,567	1-0-2	4,247
		T5	3,000K	4,411	2-0-1	4,102
			4,000K	4,769	2-0-1	4,435
		T2	3,000K	6,471	1-0-1	6,018
			4,000K	6,996	2-0-2	6,506
		T3	3,000K	6,524	2-0-2	6,067
			4,000K	7,054	2-0-2	6,560
3M	60W	T4	3,000K	6,318	1-0-2	5,876
			4,000K	6,831	1-0-2	6,353
		T5	3,000K	6,598	3-0-1	6,136
			4,000K	7,134	3-0-1	6,635
		T2	3,000K	8,503	2-0-2	7,908
			4,000K	9,374	2-0-2	8,718
		T3	3,000K	8,570	2-0-2	7,970
			4,000K	9,193	2-0-2	8,549
		T4	3,000K	8,302	2-0-2	7,721
			4,000K	8,976	2-0-2	8,616
4M	79W	T5	3,000K	8,350	3-0-1	7,766
			4,000K	8,976	3-0-1	8,348

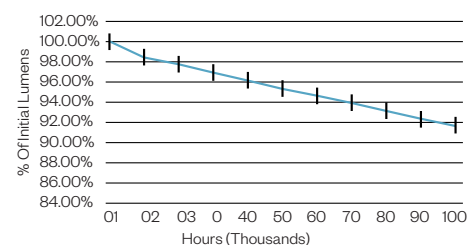
\* Approximate lumens delivered from raw light engine.

## Lumen Maintenance

Ambient Temp	50,000 Hours*	70,000 Hours*	90,000 Hours*	100,000 Hours*	Theoretical L70 Hours
25°C	>95.4%	>93.9%	>92.4%	>91.6%	>200,000

\* Per IESNA TM-21 data.

Lumen maintenance values apply to all output levels and distributions.



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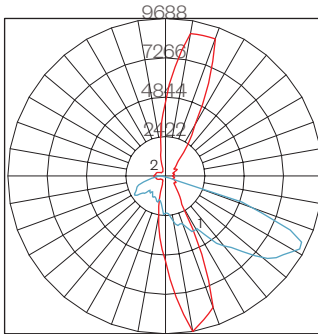


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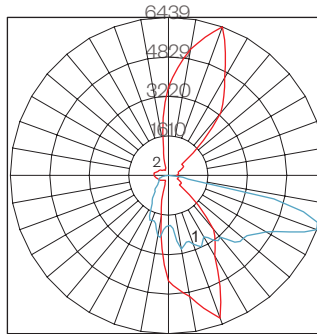
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## Performance Data (continued)

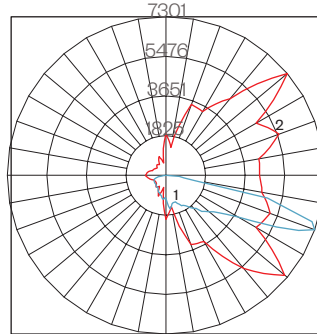
CSL-P-4M-T2-4K



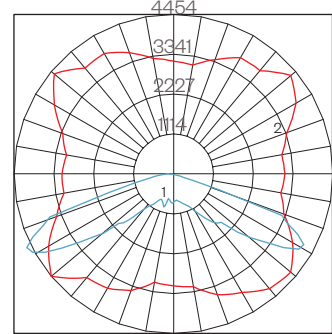
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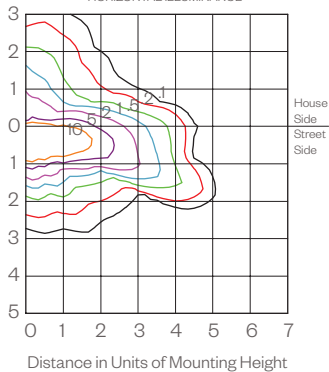
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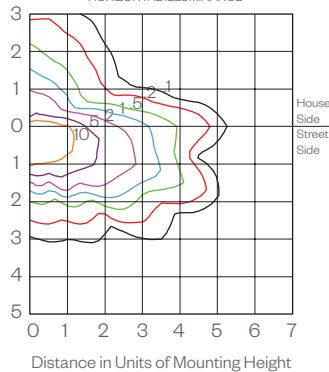
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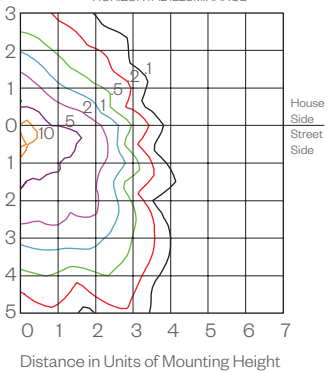
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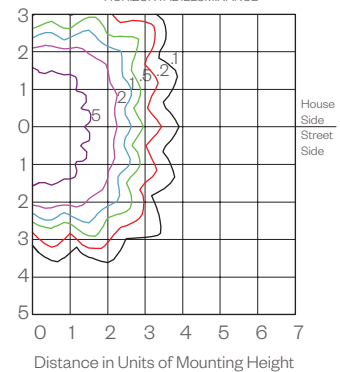
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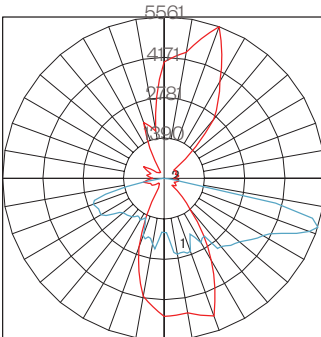
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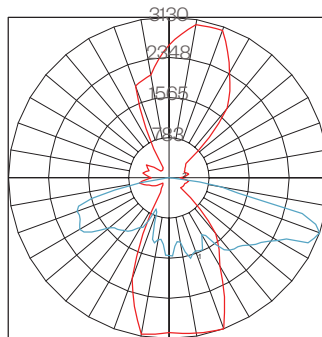
## Customizable Performance

Photometry can be modified using different drive currents and a combination of lenses. Consult factory. See examples below.

CSL-P-4M-T3ST2H-4K-580M



CSL-P-4M-T3ST2H-4K-470M



## Backlight Shield

Shield can be easily installed in the field when required.



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## Standard and Optional Lens Offering



An open cage with no lens is standard.



A textured acrylic lens is optional. Specify **(TA)** when ordering. Not approved for IDA Dark Sky.

## Installation Access

The CSL luminaire comes fully wired and ready for a simple installation. The terminal block is located below a tool-less access plate in the base of the luminaire.



## Maintenance Access

Although not required for installation, all components are easily accessed below a hinged roof for maintenance, if required.

