Coach Style Lantern

Post Top Mount

amerlux

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.

CSL-P

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 optionsl lens)*

Certifications

5 year limited warranty AMERLUX LED

POWDER COATED TOUGH™

Electrostatic sensitive device, observe precautions for handling

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

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Ordering Information

CSL-P . _____ . _____ . _____ . _____ . _____ . _____

1 2 3 4 5 6

1	Model
	CSL-P

2	LED Module
	1M 1 module
	2M 2 modules
	3M 3 modules
	4M 4 modules

3	CCT
	30* 3000K
	40 4000K

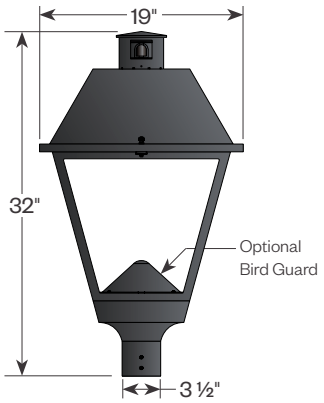
4	Light Distribution
	T2 Type II
	T3 Type III
	T4 Type IV
	T5 Type V

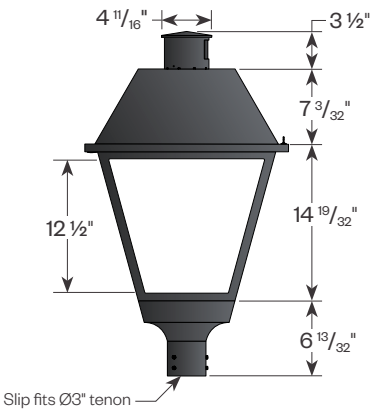
5	Finish
	TBK textured black
	CLB classic bronze
	GBZ gloss textured bronze
	GTB gloss textured black
	BLK satin black

6	Accessories
	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
2M	44W	T2	3,000K	4,326	1-0-1	4,023
			4,000K	4,677	1-0-1	4,350
		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
3M	60W	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
		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
4M	79W	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
		T5	3,000K	8,350	3-0-1	7,766
			4,000K	8,976	3-0-1	8,348

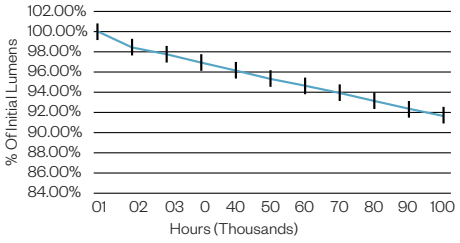
** Approximate lumens delivered from raw light engine.*

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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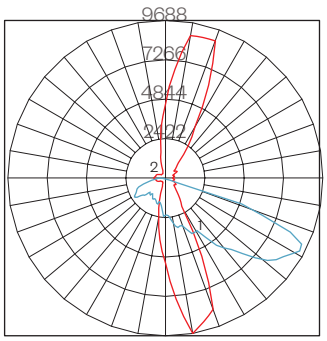
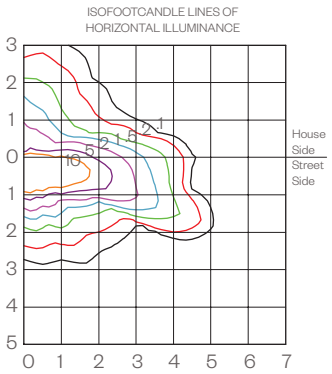
Performance Data *(continued)*

CSL-P-4M-T2-4K



Maximum Candela = 9688
Located At Horizontal Angle = 280; Vertical Angle = 62.5
#1 - Vertical Plane Through Horizontal Angles (280-100)*
#2 - Horizontal Cone Through Vertical Angle (62.5)*
* Through Max. Cd.



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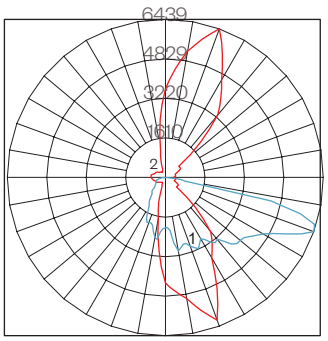
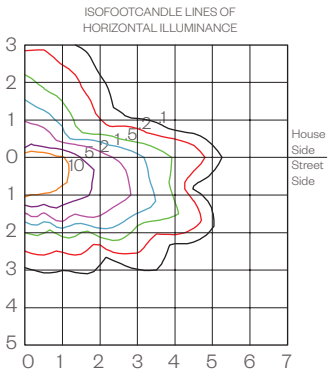
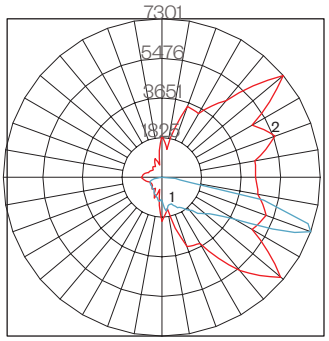


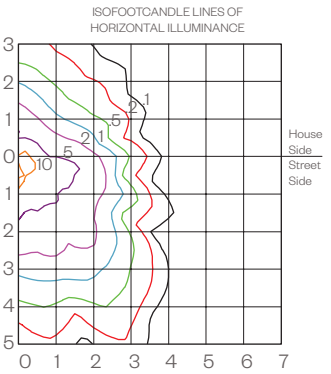
Maximum Candela = 6439
Located At Horizontal Angle = 70; Vertical Angle = 70
#1 - Vertical Plane Through Horizontal Angles (70-250)*
#2 - Horizontal Cone Through Vertical Angle (70)*
* Through Max. Cd.



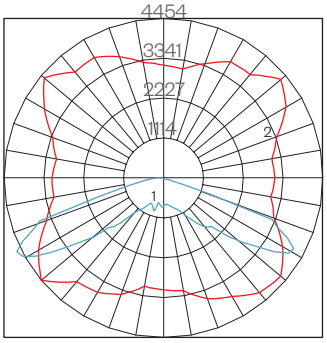
CSL-P-4M-T4-4K



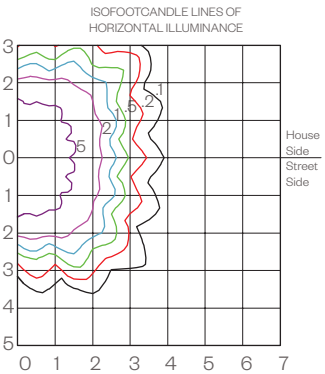
Maximum Candela = 7301
Located At Horizontal Angle = 40; Vertical Angle = 70
#1 - Vertical Plane Through Horizontal Angles (40-220)*
#2 - Horizontal Cone Through Vertical Angle (70)*
* Through Max. Cd.



CSL-P-4M-T5-4K



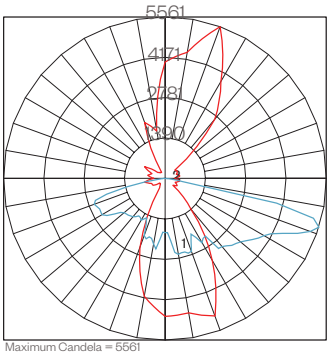
Maximum Candela = 4454
Located At Horizontal Angle = 220; Vertical Angle = 62.5
#1 - Vertical Plane Through Horizontal Angles (220-40)*
#2 - Horizontal Cone Through Vertical Angle (62.5)*
* Through Max. Cd.



Customizable Performance

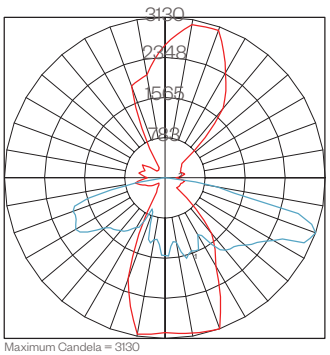
Photometry can be modified using different drive currents and a combination of lenses. Consult factory. See examples below.

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



Maximum Candela = 5561
Located At Horizontal Angle = 70; Vertical Angle = 72.5
#1 - Vertical Plane Through Horizontal Angles (70-250)*
#2 - Horizontal Cone Through Vertical Angle (72.5)*
* Through Max. Cd.

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



Maximum Candela = 3130
Located At Horizontal Angle = 290; Vertical Angle = 70
#1 - Vertical Plane Through Horizontal Angles (290-110)*
#2 - Horizontal Cone Through Vertical Angle (70)*
* Through Max. Cd.

Backlight Shield

Shield can be easily installed in the field when required.

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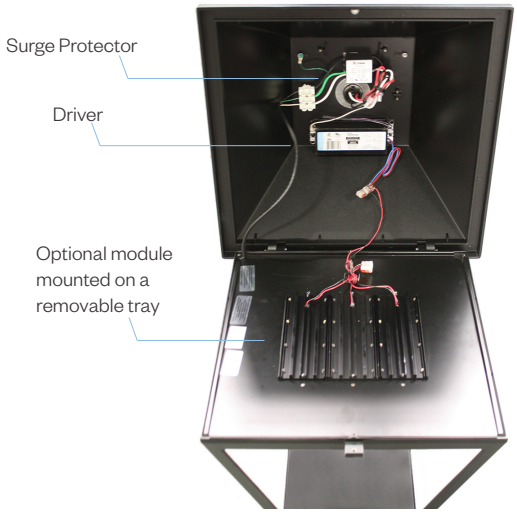
Standard and Optional Lens Offering

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.