

COACH STYLE LANTERN

POST-TOP-MOUNT

U.3.5.18

CSL-P
LED

DESCRIPTION:

The **CSL-P** luminaire is a classically styled post-top lantern that offers a choice of several optical systems.

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
- Automatic AC incoming voltage sensing (120-277v)
- 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
- A **347v/480v** options is available
- DLC listed

PHOTO CONTROL:

- A 3-pin twistlock photocell receptacle is standard.
- An optional rotatable 7-pin (**7P**) twistlock photocell receptacle is available.
- The 3-pin Twistlock photocell is an accessory and must be specified (**TW-PCL**).

FINISH:

Durable thermoset polyester powdercoat finish in the following:

- Fine Textured Satin Black (**TBK**)
- Classic Bronze (**CLB**)
- Gloss Textured Bronze (**GBZ**)
- Gloss Textured Black (**GTB**)

MOUNTING:

Slip fits Ø3" tenon

LIGHT DISTRIBUTION:

- Type II (**T2**)
- Type III (**T3**)
- Type IV (**T4**)
- Type V (**T5**)

CCT:

- 3,000K (**3K**)
- 4,000K (**4K**)

OPTIONAL LENS:

- Textured Acrylic (**TA**)

EPA:

2.33

Approx. Luminaire Wt: 18lb (8.1kg)

Approx. Shipping Wt: 24b (10.8kg)



ORDERING #

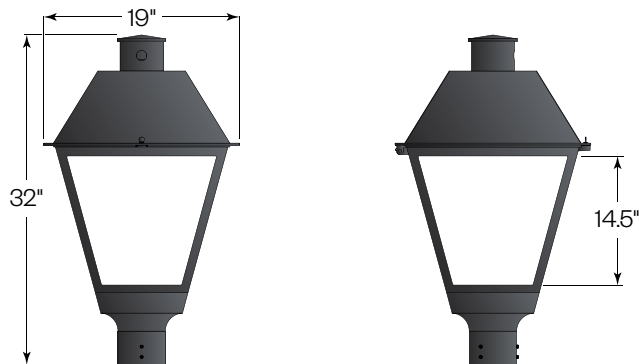
PROJECT:

TYPE:

DATE:

PREPARED BY:

COMMENTS:



Ordering Information:

Model	LED Modules	CCT	Light Distribution	Voltage	Photocell Receptacle	Finish	Optional Lens	Accessory
CSL-P	1M	3K	T2	120-277v (Standard)	3-pin (Standard)	TBK CLB GBZ GTB Custom	TA	TW-PCL
	2M		T3					
	3M	4K	T4	347v/480v				
	4M	T5	7P (7-pin)					

Ordering options shown as **BOLD**. Example: **CSL-A/4M/4K/T5/BLK/TW-PCL** See next page for more complete LED information

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Amerlux reserves the right to change details that do not affect overall function and performance.

5 year limited warranty
AMERLUX LED

10 Year Warranty Available.
Consult Factory For Details.



amerlux

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Power

LED Modules	1M	2M	3M	4M
Power	24W	44W	60W	79W
Amperage Draw @ 120v	.2	.36	.50	.65
Amperage Draw @ 277v	.08	.15	.21	.28

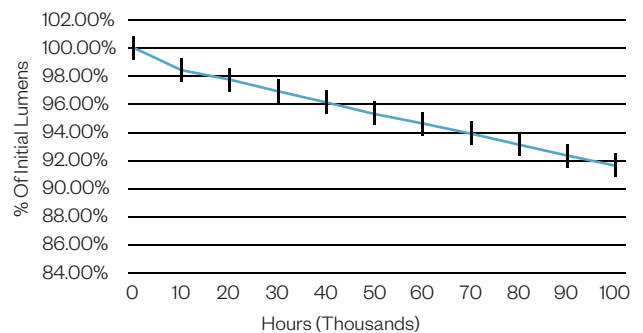
Driver Output	System Watts	Light Distribution	CCT	Lumens	BUG Rating		
1M	24W	T2	3,000K	2,215	1-0-1		
			4,000K	2,395	1-0-1		
		T3	3,000K	2,234	1-0-1		
			4,000K	2,416	1-0-1		
		T4	3,000K	2,161	1-0-1		
			4,000K	2,336	1-0-1		
		T5	3,000K	2,257	1-0-0		
			4,000K	2,440	1-0-0		
		2M	44W	T2	3,000K	4,326	1-0-1
					4,000K	4,677	1-0-1
T3	3,000K			4,366	1-0-1		
	4,000K			4,720	1-0-1		
T4	3,000K			4,224	1-0-1		
	4,000K			4,567	1-0-2		
T5	3,000K			4,411	2-0-1		
	4,000K			4,769	2-0-1		
3M	60W			T2	3,000K	6,471	1-0-1
					4,000K	6,996	2-0-2
		T3	3,000K	6,524	2-0-2		
			4,000K	7,054	2-0-2		
		T4	3,000K	6,318	1-0-2		
			4,000K	6,831	1-0-2		
		T5	3,000K	6,598	3-0-1		
			4,000K	7,134	3-0-1		
		4M	79W	T2	3,000K	8,503	2-0-2
					4,000K	9,374	2-0-2
T3	3,000K			8,570	2-0-2		
	4,000K			9,193	2-0-2		
T4	3,000K			8,302	2-0-2		
	4,000K			9,265	2-0-2		
T5	3,000K			8,350	3-0-1		
	4,000K			8,976	3-0-1		

*Approximate lumens delivered from raw light engine.

Lumen Maintenance

Ambient Temperature	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.

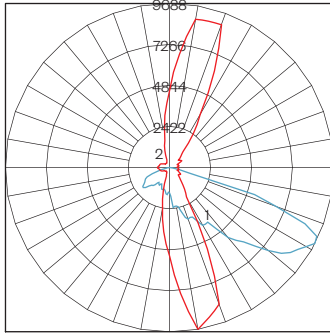
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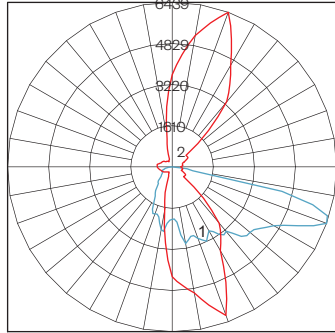
Performance Detail:

POLAR GRAPH: **CSL-P-4M-T2-4K**



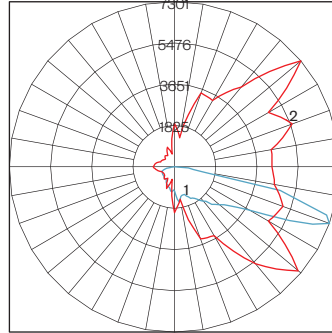
Maximum Candela = 9036 Located At Horizontal Angle = 280, Vertical Angle = 62.5
1 - Vertical Plane Through Horizontal Angles (280 - 100) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (62.5) (Through Max. Cd.)

POLAR GRAPH: **CSL-P-4M-T3-4K**



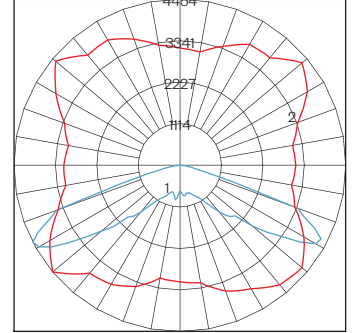
Maximum Candela = 6439 Located At Horizontal Angle = 70, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (70 - 250) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

POLAR GRAPH: **CSL-P-4M-T4-4K**



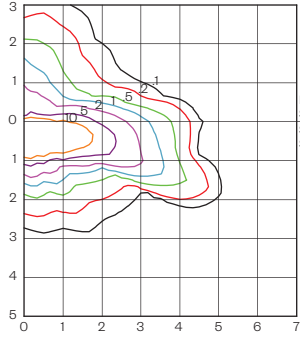
Maximum Candela = 7301 Located At Horizontal Angle = 40, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (40 - 220) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

POLAR GRAPH: **CSL-P-4M-T5-4K**



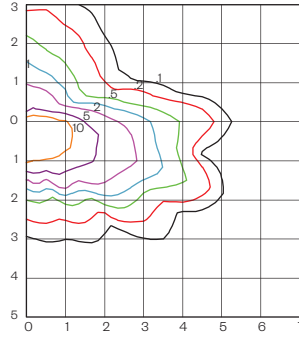
Maximum Candela = 4454 Located At Horizontal Angle = 220, Vertical Angle = 62.5
1 - Vertical Plane Through Horizontal Angles (220 - 40) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (62.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



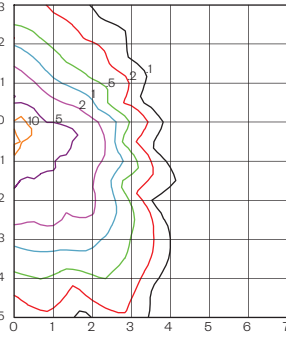
Distance In Units Of Mounting Height

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



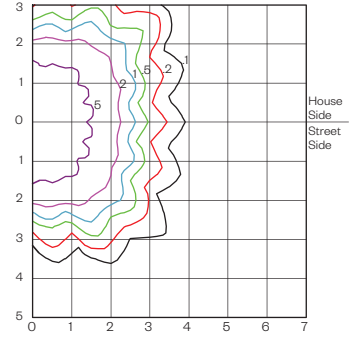
Distance In Units Of Mounting Height

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

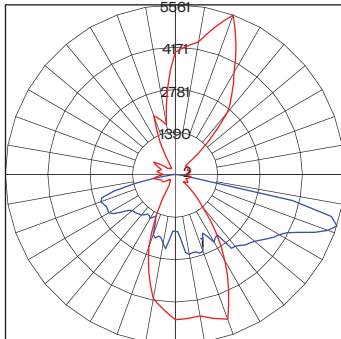


Distance In Units Of Mounting Height

Customizable Performance

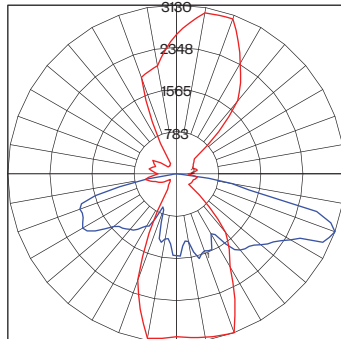
Photometry can be modified using different drive currents and a combination of lenses.
Consult factory. See examples below.

CLS-P-4M-4K-T3ST2H-580M



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

CSL-P-3M-T3ST2H-4K-470M



Maximum Candela = 3180 Located At Horizontal Angle = 290, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)