

COACH STYLE LANTERN

Post Top Mount



Features

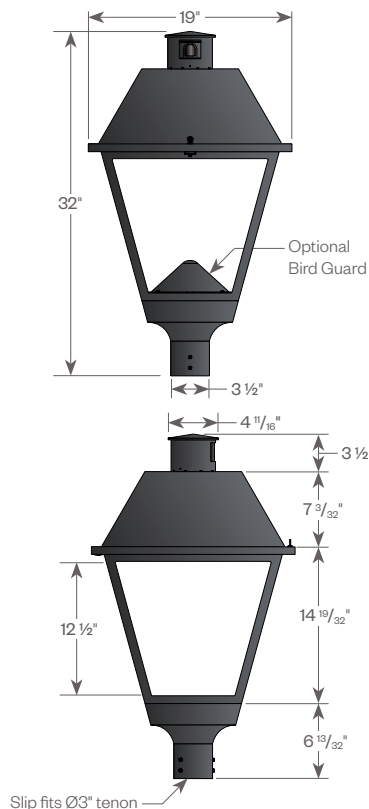
The Coach Style Lantern - Post Top (CSL-P) luminaire is a classically styled post-top lantern that offers a choice of several optical systems. Optional controls available.

Product Overview

Wattage:	24W, 44W, 60W, 79W
Lumen Output :	9,374 lm (79W, T2, 4000K)
Color Temp:	3000K, 4000K
Dimming:	0-10V dimming
Luminaire Weight (approx.):	18 lbs (8.1 kg)
Shipping Weight (approx.):	24 lbs (10.8 kg)

PROJECT:

TYPE:



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 120-277 VAC (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
- A 347V/480V option is available
- DLC listed

Light Distribution:

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

CCT:

- 3,000K (30)
- 4,000K (40)

Photo Control:

- A 3-pin twistlock photocell receptacle with a shorting cap 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).

Mounting:

Slip fits Ø3" tenon

Finish:

Durable thermoset polyester powdercoat finish in the following:

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

Optional Lens:

- Textured Acrylic (TA)

Accessories:

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

EPA: 1.61

(2.77 with optional lens)



5 year limited warranty
AMERLUX LED

POWDER COATED
TOUGH



Electromagnetic Interference (EMI) shielding
observe precautions for handling



Certain Restrictions Apply for DarkSky International

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PROJECT:

TYPE:

Ordering Information



- | | |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 <u>Model</u>
CSL-P | 5 <u>Finish</u>
TBK - Textured Black
CLB - Classic Bronze
GBZ - Gloss Textured Bronze
GTB - Gloss Textured Black |
| 2 <u>LED Modules</u>
1M - 1 Module
2M - 2 Modules
3M - 3 Modules
4M - 4 Modules | 6 <u>Options/Accessories</u>
347V/480V - 347/480 Voltage
TA* - Textured Acrylic Lens
BG - Bird Guard
BLS - Backlight Shield (available for T2, T3 & T4 distributions)
TW-PCL - Twistlock Photocell
7P - Optional 7 pin NEMA Receptacle
(to allow installation of a wireless control node for operation on the SmartSite or other control platform) |
| 3 <u>CCT</u>
30 - 3,000K
40* - 4,000K | |
| 4 <u>Light Distribution</u>
T2 - Type 2
T3 - Type 3
T4 - Type 4
T5 - Type 5 | |

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

* Not approved with 4000K & TA options.

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PROJECT:

TYPE:

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

Performance Chart

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

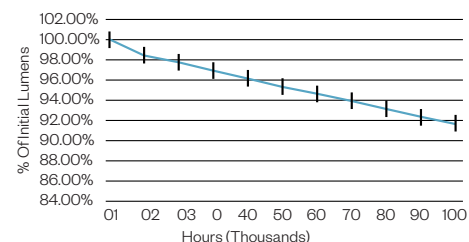
* Approximate lumens delivered from raw light engine.

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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PROJECT:

TYPE:

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.



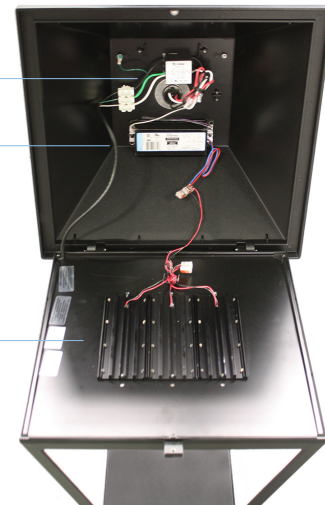
Maintenance Access

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

Surge Protector

Driver

Optional module mounted on a removable tray



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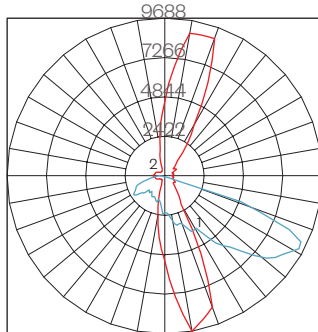


PROJECT:

TYPE:

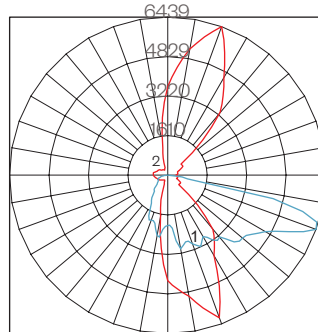
Performance Chart

CSL-P-4M-T2-4K



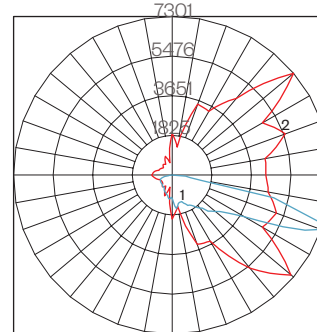
Maximum Candela = 9688
Located At Horizontal Angle = 280; Vertical Angle = 62.5
#1 - Vertical Plane Through Horizontal Angles (280-100)*
#2 - Horizontal Cone Through Vertical Angle (62.5)*
* Through Max. Cd.

CSL-P-4M-T3-4K



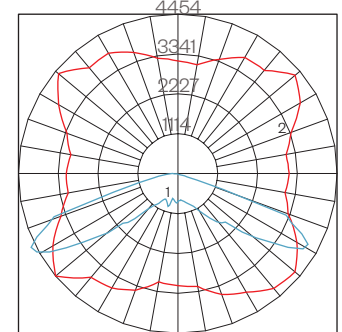
Maximum Candela = 6439
Located At Horizontal Angle = 70; Vertical Angle = 70
#1 - Vertical Plane Through Horizontal Angles (70-250)*
#2 - Horizontal Cone Through Vertical Angle (70)*
* Through Max. Cd.

CSL-P-4M-T4-4K



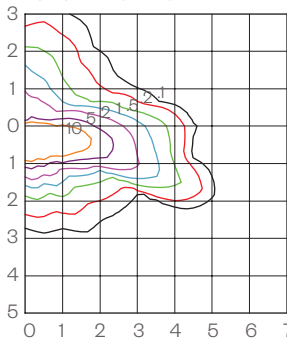
Maximum Candela = 7301
Located At Horizontal Angle = 40; Vertical Angle = 70
#1 - Vertical Plane Through Horizontal Angles (40-220)*
#2 - Horizontal Cone Through Vertical Angle (70)*
* Through Max. Cd.

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.

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



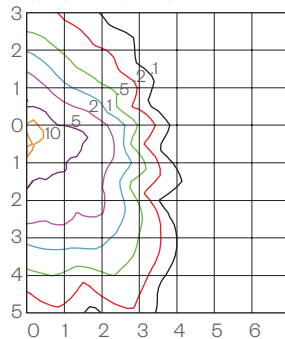
Distance in Units of Mounting Height

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



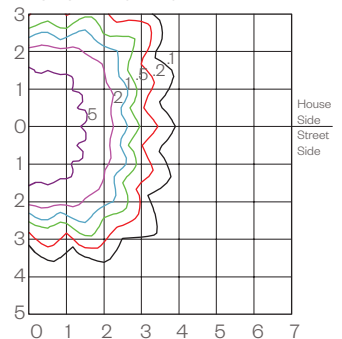
Distance in Units of Mounting Height

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance in Units of Mounting Height

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

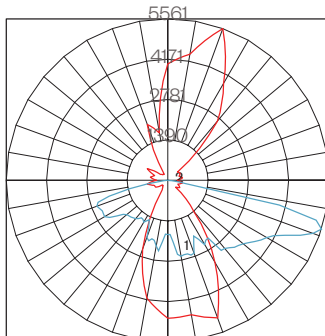


Distance in Units of Mounting Height

Customizable Performance

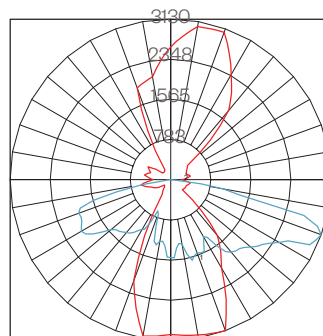
Photometry can be modified using different drive currents and a combination of lenses. Consult factory. See examples below.

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.

