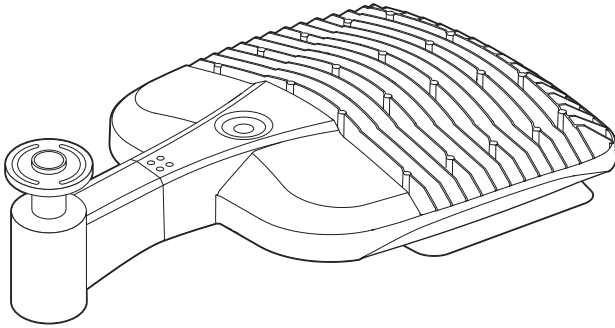




Luminaire Data

Manufacturer	Cree Lighting
Material and finish	Die-cast aluminum with silver powder-coat finish ¹
Weight (luminaire)	28.9 lb (13.1 kg)

Regulatory and Voluntary Qualifications

UL	cULus Listed
Environment	Suitable for wet locations
Ingress Protection	IP66
Emissions	Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
RoHS	Compliant

Photometric Characteristics

Lumen maintenance factor ²	
25k hours ³	0.99
50k hours ³	0.97
75k hours ³	0.95
100k hours ³	0.93
CIE correlated color temperature	5700 K
Color Rendering Index (CRI), minimum	70
Lumens	16,000

Footnotes:

- 1) Cree Lighting's exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation, and abrasion.
- 2) Lumen maintenance values at 25°C ambient temperature are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
- 3) Values are represented as projected values within six times limit of tested hours per IES TM-21-11.

Electrical Data

Rated wattage per luminaire ¹	104 W
Input voltage	120 – 277 V or 347 – 480 V, 50/60 Hz
Driver configuration	Integral, Class 1
Driver Efficiency	>90%
Starting (inrush) current	see note 1
Power factor at full load	>0.9
Total Harmonic Distortion at full load	<20%
Operating temperature range ...	-40°C – +40°C (-40°F – +104°F)
Dimming mode ²	0 – 10 V dimming to 10%

Typical Wiring

Supply wiring	Terminal block	Luminaire
Line or hot 1	●	Line-black
Green	●	Ground-green
Neutral or hot 2	●	Neutral-white
Violet	●	Dim (+) Blue
Grey or pink	●	Dim (-) white / black

(Dimming optional)

	120 Vac	208 Vac	240 Vac	277 Vac	347 Vac	480 Vac
Max operating current³	0.89 A	0.51 A	0.43 A	0.39 A	0.31 A	0.22 A

Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Dimming controls not provided by Musco. Driver provides 10V source current at 1.0 mA, compliant with IEC 60929 Annex E dimming standard.
- 3) Operating current based on 25°C ambient temperature at full load. Contact Musco engineering for amperes if operating in different conditions.

Notes

1. When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current.

