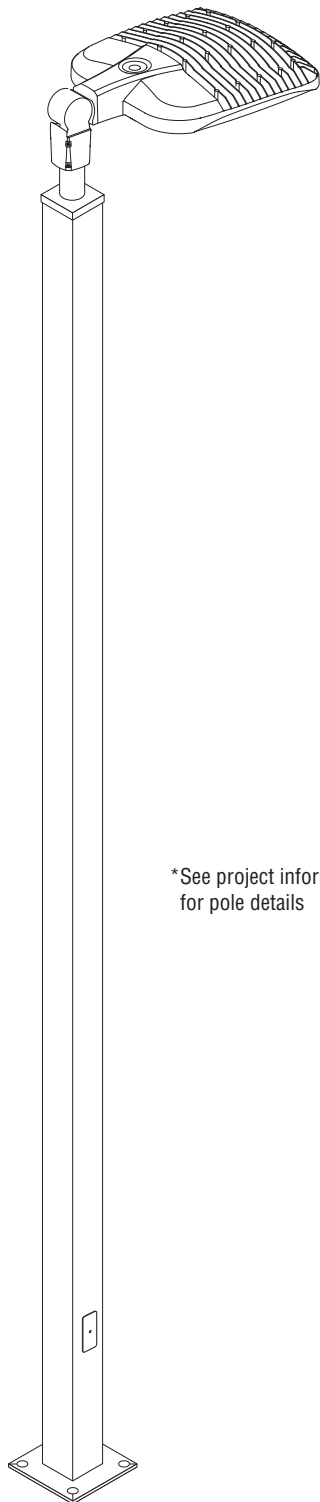




*See project information
for pole details

Luminaire Data

Manufacturer	Cree, Inc.
Material and finish	Die-cast aluminum with bronze powder-coat finish ¹
Mounting.....	Adjustable arm on 2.38 in (60 mm) O.D. tenon
Weight (luminaire)	26.5 lb (12 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 standards for conducted and radiated emissions
RoHS	Compliant

Photometric Characteristics

Lumen maintenance factor ²	
25k hours ³	0.95
50k hours ³	0.90
75k hours ³	0.85
100k hours ⁴	0.81
CIE correlated color temperature	5700 K
Color Rendering Index (CRI), minimum	70
Lumens.....	17,000

Footnotes:

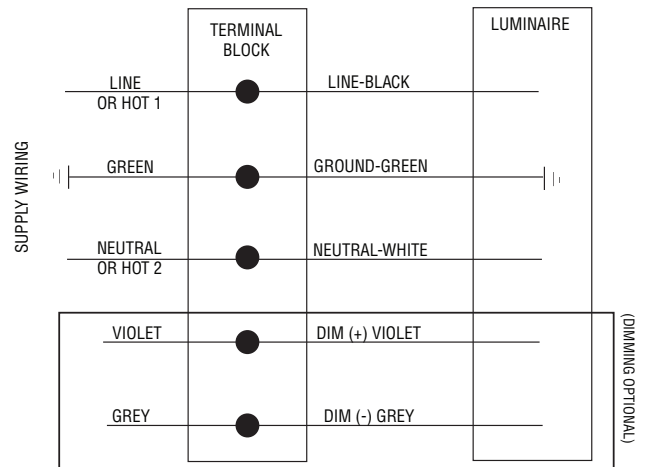
- 1) Cree's exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation, and abrasion.
- 2) Lumen maintenance values at 25°C ambient temperature are calculated per TM-21 based on LM-80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

Datasheet: OSQ Area Luminaire on Valmont Soft Square Pole

Electrical Data

Rated wattage per luminaire¹ 130 W
 Input voltage 120–277 V or 347–480 V, 50/60 Hz
 Driver configuration Integral
 Driver Efficiency >90%
 Starting (inrush) current 73 A, 120 µs
 Power factor >0.9
 Total Harmonic Distortion <20%
 Operating temperature range ... -40°C – +35°C (-40°F – +95°F)
 Dimming mode² 0 – 10 V dimming to 10%

Typical Wiring



	120 Vac	208 Vac	240 Vac	277 Vac	347 Vac	480 Vac
Max operating current ³	1.09 A	0.65 A	0.56 A	0.49 A	0.38 A	0.28 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 10 V source current at 0.15 mA, compliant with IEC 60929 Annex E dimming standard.
- 3) Operating current based on 25°C.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.

Poletop mounting options:

