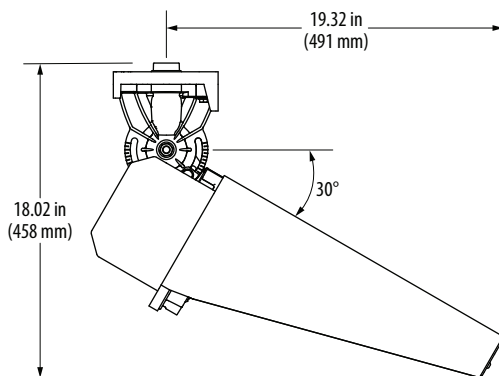
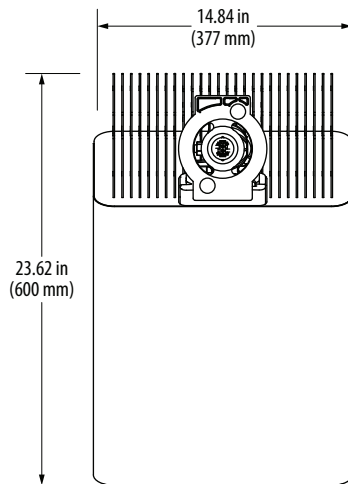
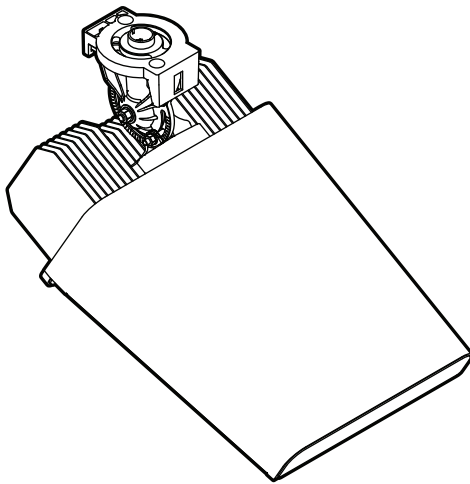




Luminaire Data

Weight (luminaire)	25 lb (11 kg)
UL listing number	E338094
UL listed for USA/Canada	UL1598 CSA-C22.2 No.250.0
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP66
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens ¹	67,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
LED binning tolerance	5-step MacAdam Ellipse

Footnotes:

1) Value represents most common optical variation. Incorporates appropriate dirt depreciation factor for life of luminaire.

Datasheet: TLC-LED-550 Luminaire and Driver

Driver Data

Electrical Data

Rated wattage¹

Per driver 1080 W

Per luminaire 540 W

Number of luminaires per driver 1 - 2

Starting (inrush) current <40 A, 256 μ s

Fuse rating 15 A

UL, IEC ambient temperature rating (electrical components enclosure) 50°C (122°F)

Ingress protection (electrical components enclosure) IP54

Efficiency 95%

Dimming mode optional

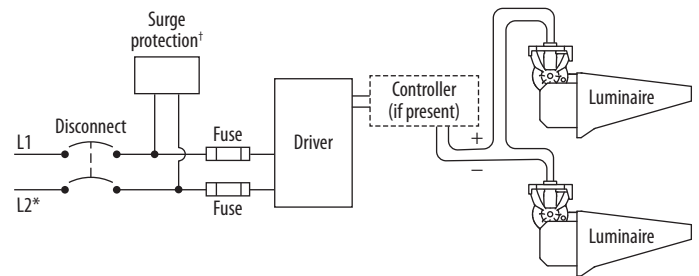
Range, energy consumption 15 - 100%

Range, light output 20 - 100%

Flicker <2%

Total harmonic distortion (THD) at full output <20%

Typical Wiring



* If L2 is neutral then not switched or fused.

† Not present if indoor installation.

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current per luminaire ²	3.32 A	3.19 A	3.02 A	2.89 A	2.88 A	2.40 A	1.92 A	1.75 A	1.66 A	1.60 A	1.39 A

Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.