

FRONTIER

Parking Structure Luminaire



Applications: Parking garages, parking lots, general canopies

PERFORMANCE SUMMARY

Sunled's new Frontier parking garage fixture provides unparalleled low glare visual comfort and reduced lamp luminance by uniformly spreading the light beam using vertically placed optical lenses delivering a precise and efficient distribution

Its edge lit technology provides a balance photometric performance in two appealing low profile housing sizes making the Frontier Series luminaires the premier solution for parking garage and canopy applications

Optical

- Edge lit illumination technology maximizes spacing's while reducing shadows providing low-glare comfort and decreased LED source luminance
- 6% uplight with almost twice recommended IES illumination significantly reducing cave effect

Construction

- Impact resistant white polycarbonate acrylic lenses
- Rugged low-profile die-cast aluminum housing, and top plate.
- IP65 rated luminaire protects internal components from dust and water
- Four fasteners provided for use in single deck steel canopies.
- Finished in thermoset powder coat finish standard, providing superior resistance from corrosion and weathering

Electrical

- Input Voltage: 120-277V, 50/60Hz, Class 1 drivers
- Integrated motion or photoelectrical sensor 0-10V dimming option
- Long life drivers up to L70/129,000 hours at 25°C ambient
- 10kV (5kA) surge protection standard meeting minimum Category C low operation (per ANSI/IEEE C62.41.2)

Specification

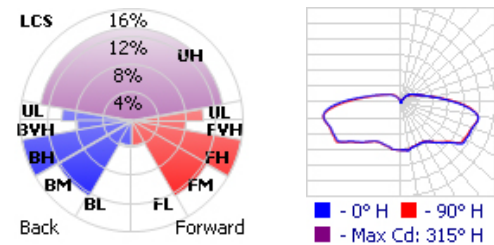
Volts: AC120-277V
 Average Rated Life: L70 @ 129,000hrs
 CRI: RA75+
 Environment Location: IP65
 Ambient Temp: -40°F to 104°F
 PF: >0.9 THD: <20%
 Dimming: 0-10V

PRODUCT CODE

Frontier cat. 42.3.WM.BL.MS

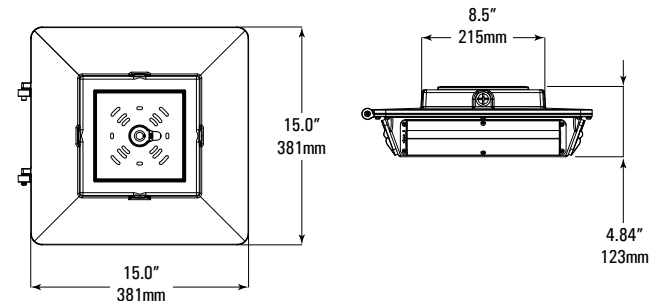


PHOTOMETRICS

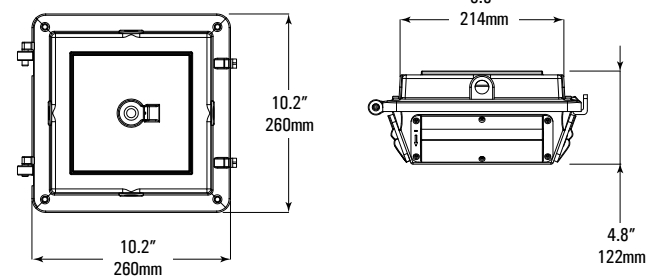


DIMENSIONS

85W



42W



Model No	Wattage	CCT (°K)	Mounting	Color	Control
Frontier	42 - 42W/5,434 lms	3 - 3000	WM - Wall Mount	BL - Black RAL9005	PE - Photocell
	85 - 85W/9,698 lms	4 - 4000	PD - Pendant	BR - Bronze	MS - Motion Sensor
		5 - 5000	SM - Ceiling	W - White	0 - None

