

# 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

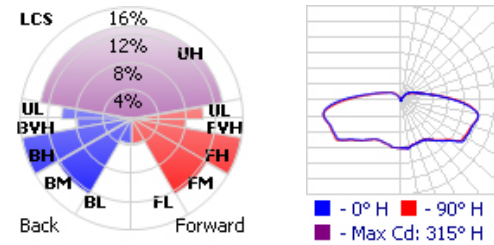
Volts: AC120-277V  
 Average Rated Life: L70 @ 129,000hrs  
 CRI: RA75+  
 Environment Location: IP65  
 Ambient Temp: -40°F to 104°F  
 PF: >0.9 THD: <20%  
 Dimming: 0-10V

## PRODUCT CODE

Frontier cat. 42.3.WM.BL.MS

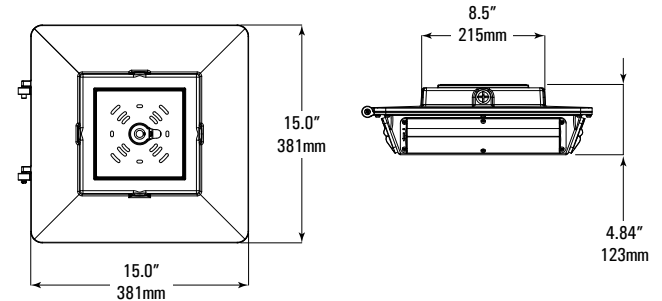


## PHOTOMETRICS

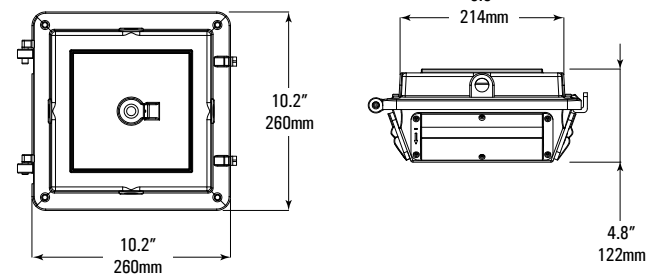


## DIMENSIONS

### 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

