

## Constellation 500Quad

The Constellation 500Quad packs in four times the illuminance of its counterpart miniConstellation 120 and provides the ability to stack three units together using an available Veritas light stand.

With its built-in dimming switch and internal/external synchronization capabilities, you can choose to control the intensity of illumination on-the-fly or by using an external synchronization pulse via BNC connector with the added ability of daisy-chaining one unit to the next.

Different reflector options are available delivering a varying degree of beam angles which provide you with the flexibility to meet your applications needs.

Model 500



82° Reflector

### KEY FEATURES

White Light Color Temp. (Standard)	5000K
Estimated LED Lifetime	40,000 Hours
Operating Temperature	From -40°C up to 70°C
Maximum Pulse	100 kHz
Minimum Pulse	2 µsec Rise/Fall Time 500 nsec

### PHOTOMETRIC

Luminous Flux			
Color	Continuous	Strobe (Maximum)	
5000K	56,000lm	95,200lm	
White Light Color Temp. (Options)	2700K, 3000K, 3500K, 4000K, 5000K		



28°, 48°, or 74° Reflector

### CONTROL

Continuous and Strobe via External TTL Pulse

On-board Dimmer Switch

### POWER

Power Input to Luminaire	48VDC
External Power Supply	100-240 VAC In - 600W 48VDC Out
Power Consumption	480W Continuous - 800W Strobed
Power and Synchronization	Power: 14-pin 2B LEMO Sync: BNC Connector

### OPTICAL

Optical System	Reflector
Beam Angle	82°, 28°, 48°, 74° @ FWHM

### MECHANICAL

Dimensions 82° Reflector	61 x 98 x 394 mm (W x H x L)
Weight 82° Reflector	4.7 lb or 2.13 kg
Dimensions for 28°, 48°, or 74° Reflector	89 x 98 x 394 mm (W x H x L)
Weight for 28°, 48°, or 74° Reflector	5.37 lb or 2.43 kg
Mounting	8 x ¼-20" - 3 on bottom, 3 on back, and 1 on each side