# Constellation 500Quad

## Model 500

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.



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 | |

## 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 |



28°, 48°, or 74° Reflector

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