

Constellation

Model 500F

The Constellation 500F offers a high intensity luminous output in a compact form-factor and is well suited for applications which require quiet and efficient lighting. Extensive control options include DMX, WiFi and LAN. The Constellation 500F comes standard with a LED color temperature of 5000K and 24° beam angle reflector. Optional LED color temperatures and interchangeable beam angle reflectors are available.

FEATURES

- Continuous and Pulse modes
- High Luminous Output
- Dimmable using DMX or Computer control
- Remote control: DMX, WiFi and LAN
- Internet Of Things (IOT)
- Internal pulse generator with GPS, IRIG and PTP alignment
- Swappable Beam Angles
- Full Spectrum for Accurate Color Rendition

Applications:

Research & Development, Media



24° Reflector
(Swappable)

KEY FEATURES

High Luminous Output	70,000 lm continuous / >100,000 pulsed
High Efficiency	140 lm/W
Estimated LED Lifetime	40,000 Hours

OPERATING TEMPERATURE

0° C to 60° C / 32° F to 140° F

PHOTOMETRIC

Color Temp.	5000K (Standard) 3000K, 4000K, 6500K (Optional)
-------------	--

Color Rendering Index (CRI): Up to 90

POWER

Power Input (continuous)	500W
Power Input (pulsed)	1000W

CONTROL

DMX: DMX512-A slave

WiFi: 802.11n 2.4 GHz

LAN: 100M

Internal pulse generator: GPS, IRIG and PTP alignment

OPTICAL

Optical System	Reflector
Beam Angles	18° or 24° @ Full Width Half Max

MECHANICAL

Dimensions with 18° Reflector	182 mm x 188 mm x 355 mm (W x H x L)
Dimensions with 24° Reflector	178 mm x 185 mm x 274 mm (W x H x L)
Weight with 18° Reflector	13.7 lb or 6.2 kg
Weight with 24° Reflector	13.2 lb or 6.0 kg
Mounting	1x ¼"-20" on all sides