Constellation

Model 120

The Constellation 120 provides a high intensity luminous output. Specially designed accessories and mounting options make this light easy to deploy in a wide range of applications. When several lights are used in a cluster, such as for area illumination, a Constellation Access Point is available to provide power and extensive control options via Ethernet, USB and WiFi®.

KEY FEATURES

White Light Color Temp. (Standard)	5600K
Estimated LED Lifetime	40,000 Hours
Operating Temperature	From -40°C up to 70°C High Temp to 90°C (Optional)
Maximum Pulse	100 kHz
Minimum Pulse	2 µsec Rise/Fall Time 500 nsec

PHOTOMETRIC

Luminous Flux

Color Temp.	Continuous	Strobe (Maximum)
5600K	12,000lm	20,000lm
White Light Color Temp. (Options)	2700K, 3000K, 3500K, 4000K, 5000K, 5600K	

CONTROL

Continuous and Strobe via External TTL Pulse
Dimming Control via optional Constellation Access Point

POWER

Power Input to Luminaire	48VDC
External Power Supply (Inc.)	100-240 VAC In - 220W 48VDC Out
Power Consumption	120W Continuous - 200W Strobed
Power and Synchronization	6-pin 1B LEMO

OPTICAL

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

MECHANICAL

Dimensions	75 x 85 x 157 mm (W x H x L)
Weight	1.67 lb or 0.76 kg
Mounting	8 x 8-32 with adjustable 1/4-20" mount included