

miniConstellation

The miniConstellation 120 offers a high intensity luminous output in a compact form-factor that is optimal for illumination in tight spaces. The unit provides a wide range of operating temperatures thanks to its built-in active cooling. An assortment of reflectors are available to choose from delivering a varying degree of beam angles that provide flexible options to meet your applications needs. When using several lights in a cluster, such as area illumination, a Constellation Access Point is available to provide power and extensive control options via Ethernet, USB and WiFi®.

Model 120



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		
<i>Color</i>	<i>Continuous</i>	<i>Strobe (Maximum)</i>
5000K	14,000lm	23,800lm
White Light Color Temp. (Options)	2700K, 3000K, 3500K, 4000K, 5000K	



28°, 48°, or 74° Reflector

CONTROL

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

POWER

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

OPTICAL

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

MECHANICAL

Dimensions 82° Reflector	73 x 58 x 61 mm (W x H x L)
Weight 82° Reflector	0.75 lb or 0.34 kg
Dimensions for 28°, 48°, or 74° Reflector	84 x 83 x 89 mm (W x H x L)
Weight for 28°, 48°, or 74° Reflector	0.91lb or 0.41 kg
Mounting	Adjustable ¼-20" mount for bottom or rear