

Constellation

The Constellation 160B mini offers a high intensity luminous output in a compact form-factor with optional battery for power autonomous operation making it optimal for illumination away from a power source. The unit provides a wide range of operating temperatures thanks to its built-in active cooling. Standard accessories include a LED color temperature of 5000K and a 82° beam angle reflector. Optional battery, color temperatures and beam angles are available.

FEATURES

- Continuous / Pulse Modes
- 16,000lm in continuous mode / >24,000lm in pulse mode
- CRI up to 93
- Wide input: 12VDC - 36VDC (24VDC - 36VDC with Battery)
- Compact form factor
- Optional Battery for untethered power

KEY FEATURES

White Light Color Temp. (Standard)	5000K
Dimming	N/A
Estimated LED Lifetime	40,000 Hours
Operating Temperature	From 0°C up to 40°C
Maximum Pulse Rate	10 KHz
Minimum Pulse Width	50 µsec

PHOTOMETRIC

Luminous Flux			
Color	Continuous	Strobe (Maximum)	
5000K	16,000lm	>24,000lm	
White Light Color Temp. (Options) 2700K, 3000K, 3500K, 4000K, 5000K			

CONTROL

On/Off & Mode Switch
Sync-In

POWER

Power Input to Luminaire	12VDC-36VDC (24VDC-36VDC w/ Batt.)
Power Consumption	120W
Power & Synchronization	Power: 6-pin Size 1B LEMO Sync In/Sync Out - SMA Connectors

160B mini



82° Reflector

BATTERY

Lithium-Ion Polymer	14.4V / 0.9Ah, 12Wh
Maximum Discharge Rate	12A
Fuel Gauge	On Board

OPTICAL

Optical System	Reflector
Beam Angle	82° @ FWHM (Standard) 28°, 48°, 74° FWHM (Optional)

MECHANICAL

Dimensions	82.30 x 60.96 x 64.52 mm
Weight	0.84 lb or 0.38 kg
Mounting	¼"-20" on bottom



With Optional Battery