

**EQ CL32 LED Spot 365nm / 405nm****2182210/2182207****PRODUCT DESCRIPTION**

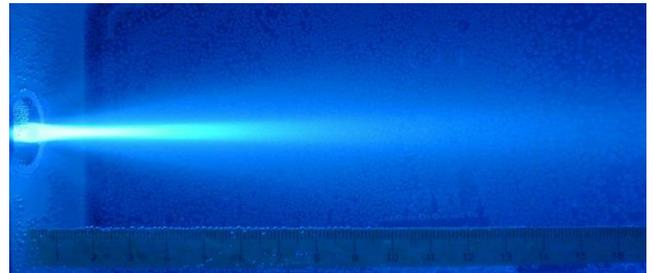
The Loctite® EQ CL32 LED Spot is a high powered, portable LED light source capable of consistently curing light cure products that respond to UV/visible light. This system is offered in both 365 nm and 405 nm wavelengths and can be used in either hand held or stationary applications. Due to its unique LED technology, the Loctite® EQ CL32 LED Spot provides instant on/off performance and consistent light output. The system's focused spectral output significantly reduces IR emission, resulting in minimal heat exposure to parts and assemblies. This focused output also minimizes the amount of ultraviolet energy that the system irradiates, significantly reducing UV exposure risk. The Loctite® EQ CL32 LED Spot can be run on rechargeable batteries or while connected to a wall plug adapter, allowing for operation as either a portable unit or mounted unit with remote on/off capability. Due to its small size, light weight and portability, the Loctite® EQ CL32 LED Spot is perfect for applications in crowded areas and hard to reach joints.

**Product Properties**

- High UV intensity – Up to 3 W/cm<sup>2</sup>
- Long life time of LED
- Low cost of ownership
- No heat load to the curing area
- Stable UV intensity over battery lifetime
- No cooling for LED head necessary
- Compact size, light weight
- Available in 365 nm and 405 nm wavelengths
- Temperature and current monitor of LED
- Status-LED providing information:
  - Green: Battery fully charged
  - Yellow: LED on / Status OK
  - Red: Charging, when connected
  - Red blinking, plus beeping sound: Error (temperature, battery empty)

**Benefits:**

- Combines handheld and stationary unit in one device.
- Robust aluminum housing.
- Ergonomic finger switch.
- Rechargeable using mini-USB adapter..
- Long focus length to allow for maximum flexibility.
- 100 % Duty Cycle when operated by wall power (stationary mount)



**Technical Data:**

- 5 mm spot diameter
- Recommended working distance: 8 – 12 mm
- Intensity: min. 3000mW/cm<sup>2</sup> (405nm)
- Intensity: min. 2600mW/cm<sup>2</sup> (365nm)
- Wavelength: 365 nm or 405 nm
- Housing Material: aluminum
- Life cycle:> 6000 h @ 80 % emission
- Electrical PLC interface with solid-state relays for external triggering and OK signal output.

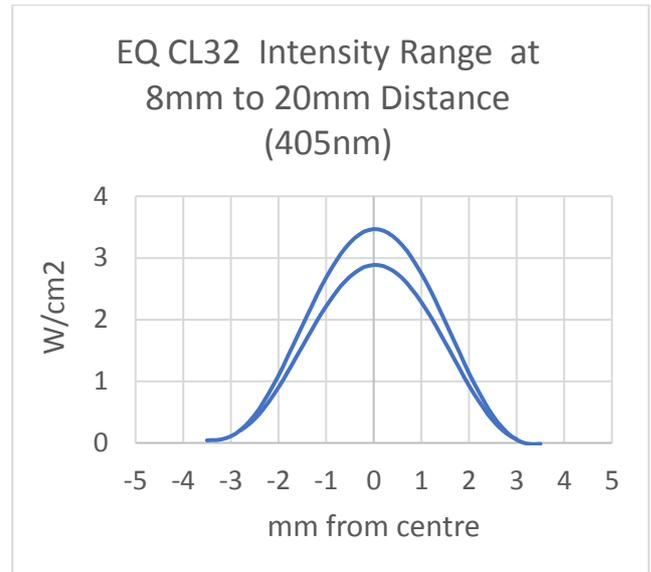
Need to measure the irradiance of your curing process? Click here for our Radiometer / Dosimeters # [1390323](#). Great for quality control and process validation.

**Optional Accessories:**

UV Safety Glasses yellow, order no. 1175128

EQ CL32 Mounting Kit, order no. 2182206, consists of:

- Mounting bracket with optimized heat conductivity.
- Signal connecting cable with 4-pin round plug
- High power supply for continuous mode operation

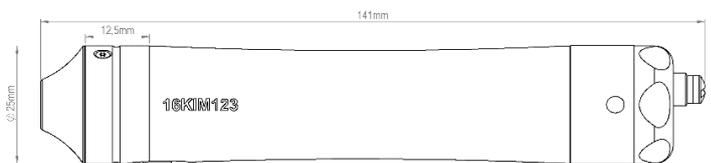
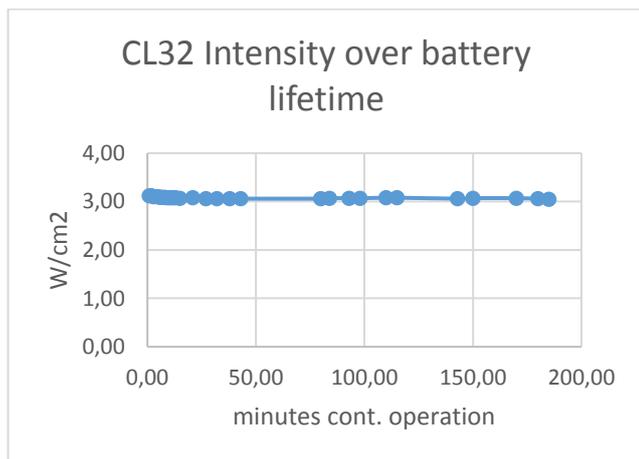


**Items supplied:**

- High Power LED cure device for either handheld or stationary use.
- Charger with mini-USB-cable with wall plug adapters for
  - o US, Canada
  - o Continental Europe
  - o UK, Australia, Hong Kong

Total length of the unit: 141mm  
Clamping diameter: On the front side: 25mm,  
Length of clamping area: 12.5mm

Use the Loctite EQ CL32 mounting Kit bracket, or a bracket providing best heat dissipation when running the unit at duty cycles > 50%.



**Note**  
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