Larson Electronics LLC
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HID-65CF-M

12 /24 Volt HID light - 50 Watt HID - Carbon Fiber Housing - 4500 Lumens - Modified Spot Pattern

Product ID: 1817

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

HID equipment light - 50 watt HID NARROW FLOOD LIGHT (ALSO CALLED MODIFIED SPOT OR EURO BEAM PATTERN) - 1850` X 450` beam pattern
Carbon fiber composite housing that is molded by hand. The material used is similar to that used in bullet proof vests. The composite is very tough and very lightweight. The complexities in tooling for this particular material means that each units is hand molded. The result is a housing that is tougher than aluminum but only 3.4 pounds for a 6 inch round fixture.
The components with this high intensity discharge equipment light are sealed and potted. Moisture due to drastic temperature changes, etc. is purged through bottom vents in the back. Thus, the weather resistant nature of this light is achieved through sealed components with vents in the housing to address issues with changes in air pressure, temperature and moisture content.
Lens - 6.5 OD - 4.75 inches deep, weighs 3.4 pounds
Precision metal reflectors
50 watt HID Xenon D2 type Lamp
50 watt internal HID ballast - instant on, 15 seconds to full visible power
On 12 Volts DC - 5.8 amps start load on 12 Volts DC - 4.2 amps average draw after 60 seconds

On 24 volts DC - 2.9 amps start load on 24 Volts DC - 2.1 amps average draw after 60 seconds
HID color temperature 7000K (bright white)
Borosilicate hardened glass lens
Dust and water resistance (gaskets and seals)
Same unit works on 12 Volts DC and 24 Volts DC
IP rating: IP67
Vibration tolerance: 9G RMS
Lumen Output - 4500 lumens +/- 400 lumens
Weight: 3.4 pounds
Operating temperature: -40 degrees C to 105 degrees C

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Frequently Asked Questions (FAQ)

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Harmonized System (HS) Code: 8512.20.2080
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**