12/24 Volt HID light - 50 Watt HID - Carbon Fiber Housing - 4500 Lumens - Modified Spot Pattern
Part #: HID-65CF-M

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 unit 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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