

High Temp Rated LED Flood/Low Bay

Hazardous and high-temperature rated floodlight
LED lighting designed for the most extreme environments
Versatile, compact design with various mounting accessories
Ideal for paper mills, steel mills, processing facilities, foundries,
oil and petrochemical complexes and more



Key Applications

High Temperature Applications:

- Steel mills
- Paper & pulp mills
- Foundries
- Power plants
- Processing plants

Hazardous Applications:

- Oil & gas refineries
- Food & beverage processing
- LNG carriers
- Petroleum & chemical tankers
- Fuel depots
- Drilling rigs
- Aircraft maintenance
- Wastewater treatment plants

Compliances

UL/cUL Listed to:

- UL 1598 Suitable for Wet Locations
- UL 844 Hazardous Location (-40°C to +40°C)
Class I, Division 2 Groups A, B, C, D
T4, 135°C (275°F) maximum surface temperature
Class II, Division 2 Groups F, G
- CSA C22.2 No. 137.0
- CSA C22.2 No. 250.0

IP67

NEMA 6

Specifications

Construction	Cast aluminum housing
Finish	Gray powder coat
Hardware	316 stainless steel
Lens	10 mm tempered glass - standard Domed clear and diffuse polycarbonate lens covers accessories
Light source	60W, 6000 lumens Cool white (5000K) LEDs (CW) COB technology Additional color temperatures - contact factory
Power source	120V or 277V, 50/60Hz 60,000 hour rated life (55°C) Additional voltage options - contact factory
Surge protection	6 kV
Wiring	1 x ¾ inch NPT 10 foot (3 meter) cable (standard)
Ambient operating temperature	-40°C to +100°C
Mounting	Various mounting accessories (order separately)
Vibration	3 Grms, 100-2200 Hz along 3 axes
Fixture weight	12.1 lbs (5.5 kg)
Warranty	5 years (-40°C to +64°C ambient temperature) 2 years (+65°C to +85°C ambient temperature) 1 year (+86°C to +100°C ambient temperature)

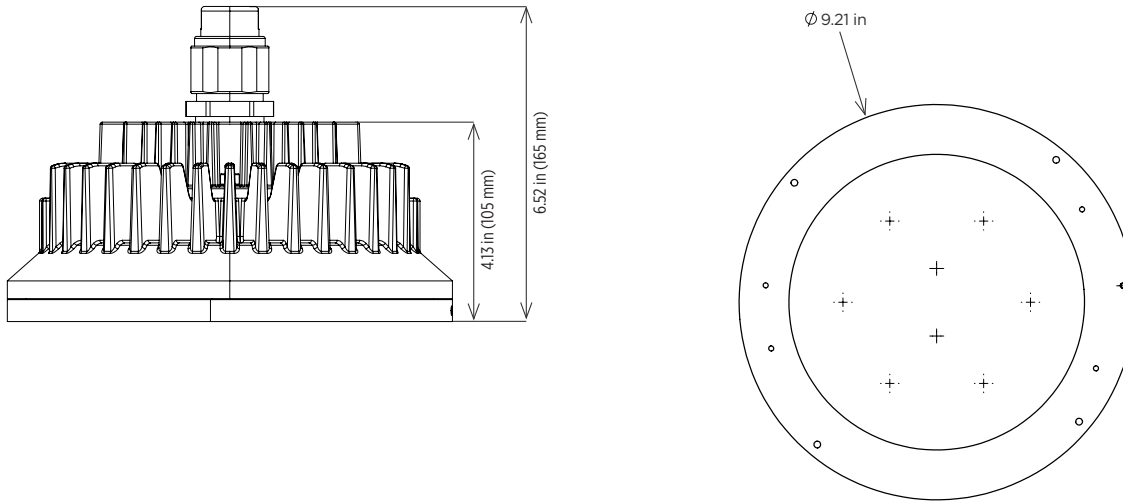
For IES files, see website or contact factory

Conquer™ Series Floodlight

High Temp Rated LED Flood/Low Bay

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Dimensions



Ordering Information

Example: CQF-60-CW-120

Fixture	Wattage	Color Temperature	Voltage
CQF	60	CW	120
			277

Wattage	Color Temperature	Voltage
60 60W, 6000 lumens	CW Cool white	120 120V, 50/60 Hz
		277 277V, 50/60 Hz

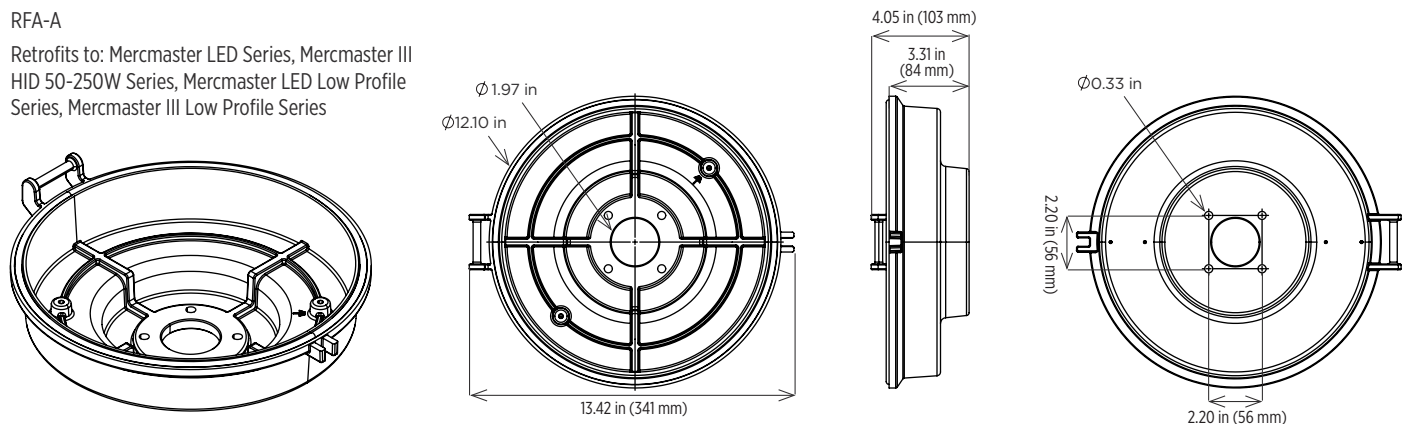
Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Mounting Accessories (order separately)

Retrofit Top Hat Adapter - Appleton¹

RFA-A

Retrofits to: Mercmaster LED Series, Mercmaster III HID 50-250W Series, Mercmaster LED Low Profile Series, Mercmaster III Low Profile Series



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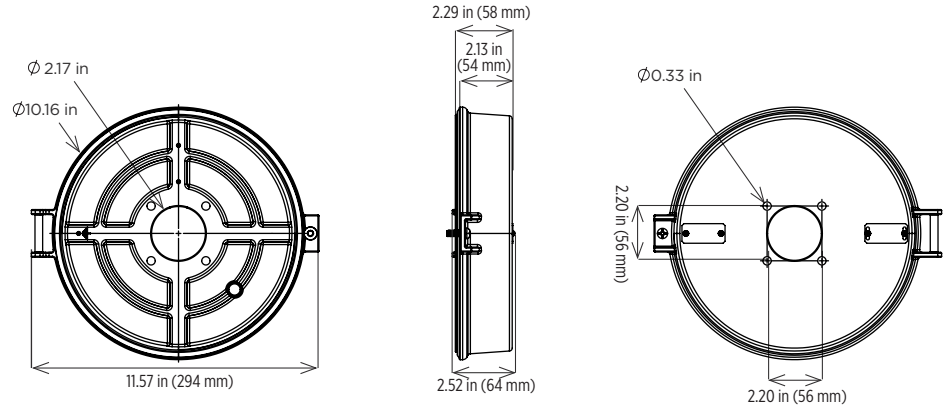
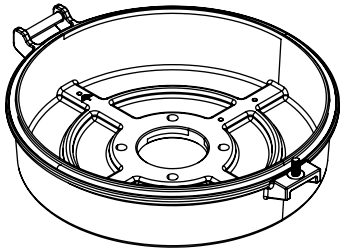
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Mounting Accessories (order separately)

Retrofit Top Hat Adapter - Crouse Hinds¹

RFA-C

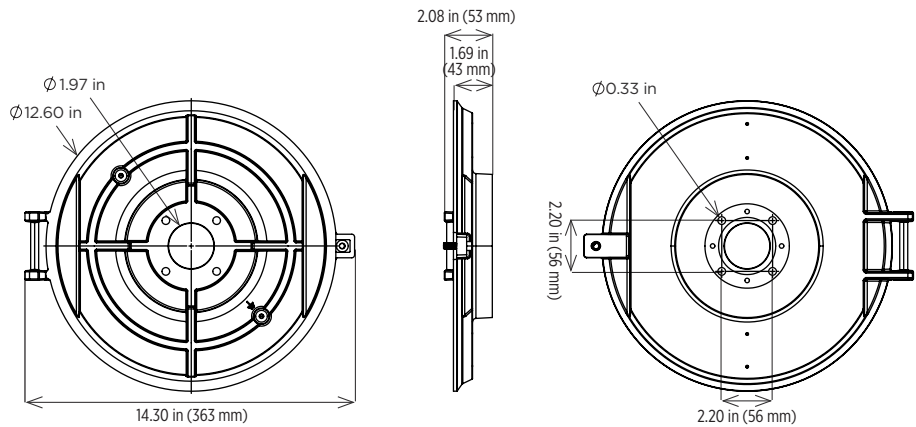
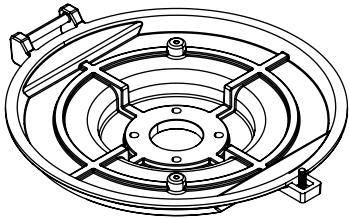
Retrofits to: Mercmaster LED Series, Mercmaster III HID 50-250W Series, Mercmaster LED Low Profile Series, Mercmaster III Low Profile Series



Retrofit Top Hat Adapter - Holophane¹

RFA-H

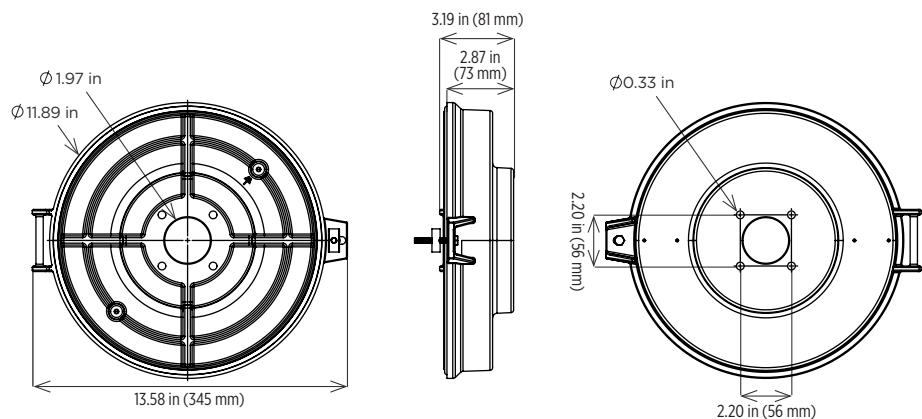
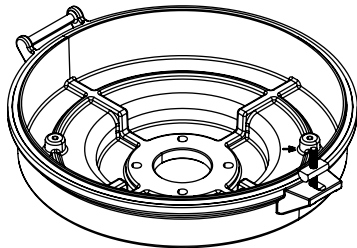
Retrofits to: Petrolux II and Petrolux III



Retrofit Top Hat Adapter - Killark¹

RFA-K

Retrofits to: DE3B Series, VE3B Series, VE3Q/ DE4B Series, VE4B Series, VE4Q Series, VQ1F Series, VQ2F Series, Certilite V Series, Certilite V VMIL Series



Product design and specifications are subject to change without notice. The most current version of this specification sheet can be found at www.phoenixlighting.com.

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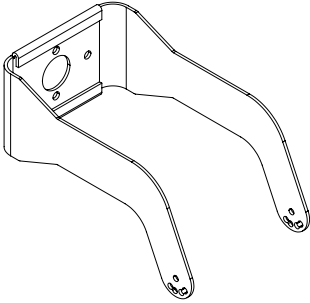
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Mounting Accessories Continued (order separately)

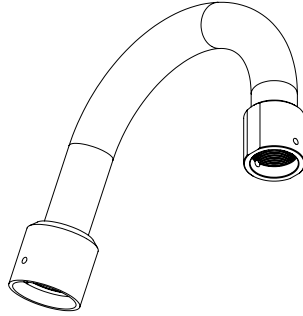
Universal Mounting Bracket

W-CQF



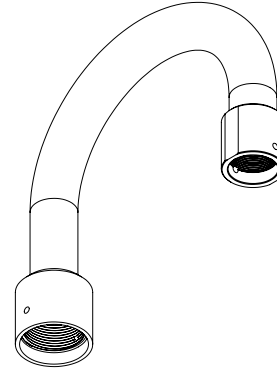
Stanchion Mount Bracket (25°)

25S-CQ



Stanchion Mount Bracket (90°)

90S-CQ



Notes

- 1 Contact factory

Accessories (order separately)

Reflector

RFL-CQF

Clear Domed Polycarbonate Lens

CD-CQF

Diffuse Domed Polycarbonate Lens

DD-CQF

Safety Cable

SFCB-CQF

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