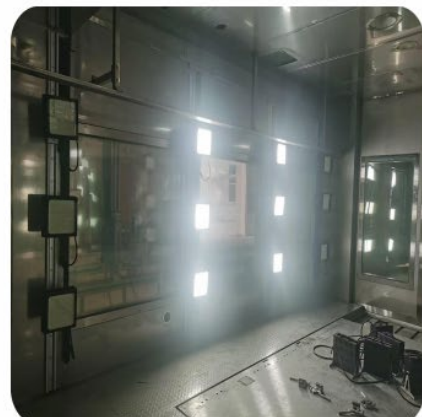


High Temperature LED Flood Lights

Introducing our high temperature LED flood lights – the ultimate lighting solution for industrial areas and **extreme temperature environments**. These lights are specifically designed to withstand high temperatures and harsh conditions, making them ideal for use in foundries, factories, military facilities, warehouses, and more. With their energy-efficient LED technology and durable construction, our high temperature LED flood lights provide reliable and long-lasting lighting for even the toughest of environments.

Max. **150°C**



Features

High temperature LED flood lights are designed with several features that enable them to withstand harsh conditions in industrial environments. Primary reason is external drivers are used. The LED chips used in these lights are made from materials that can maintain their luminosity and efficiency even in extreme heat. Heat-resistant components, such as high-temperature capacitors and heat sinks, help to dissipate heat and protect the electronic components from damage. These lights are also designed with an IP67 waterproof and dust-proof rating to protect against water and dust. High temperature LED flood lights undergo thorough testing to ensure they can withstand harsh industrial environments, including shock resistance, vibration resistance, and temperature stability.

High Temperature LED Chips

The LED chips used in high temperature LED flood lights are specially designed to withstand high temperatures without losing their luminosity or efficiency. These chips are made from materials that are highly resistant to heat and are capable of maintaining their performance even in extreme conditions.

Gold Wire Free Technology

In traditional LED packaging gold wire is used to connect the LED chip to the electrical contacts on the package. However, the thin gold wire can become brittle and break over time, which can cause a decrease in the efficiency of the LED and result in heat generation. In contrast, wire-free packaging technology uses a different method to connect the LED chip to the package that does not require any wire. This eliminates the potential issue of wire breakage and reduces the amount of heat generated during operation.

Finned Heat Sink

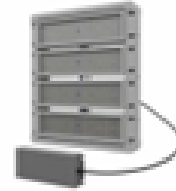
The finned heat sink design is an effective way to improve the heat dissipation of high temperature LED lights. By increasing the surface area in contact with the air, the fins on the heat sink enable better.

Typical Applications

Petrochemical plants, Refineries, Pharmaceutical Plants, Chemical plants, and Gas plants.

Specifications

- **Input voltage:** 90-295V 50-60HZ, 347V-480V 50-60HZ
- **Wattage:** 50W/100W/150W/200W/300W/400W/500W
- **Ambient operating temperatures:** -40C (-40F) – 150C (302F)
- **Color temperature:** 2700-6500K(Regular)/1,500K to 10,000K (Customized)
- **Beam angles** 10/25/40/60/90 degrees
- **Large heat sink for superior heat dissipation**
- **IP67 Waterproof**
- **Lumen output:** 15000-65000lm
- **L70 > 80,000 hours**
- **CRI > 80**
- **YOKE or Hook mountings available**
- **Power factor > 0.95**
- **Efficacy:** 150Lm/W
- **Light Source** Bridgelux
- **Power Supply** Meanwel Or Inventronics driver
- **Aviation Grade Aluminum Housing**
- **External driver power supply**(10Meter or 15meter)



150 Celsius degrees external power supply high temperature Light

Wattage	Lumens	Dimensions	Net Weight
50W	7500lm	340*230*95mm	4.5KG
100W	15000lm	340*480*95mm	9KG
150W	22500lm	340*730*95mm	13KG
200W	30000lm	745*480*95mm	18kg
300W	45000lm	745*730*95mm	23.5KG
400W	60000lm	745*980*95mm	28.6kg
500W	75000lm	745*1230*95mm	35kg

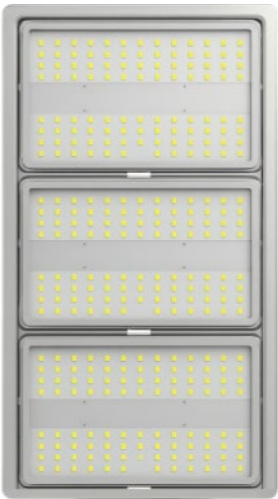
50W



100W



150W



200W



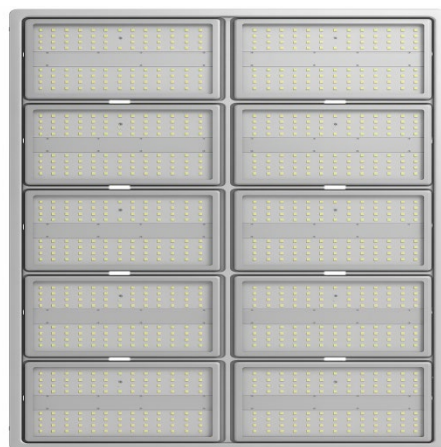
300W



400W



500W



Heat Resistant LED Lighting

- AC LED Driver-less Technology
- **75-150 °C** Heat Resistant / UL1598 Luminaires
- Intended for Use in High Ambient Temperature Environments
→ Pulp & Paper, Glass Factory, Metal Forging, Coal Power Plant,
Garbage Processing Plant, Gas Turbine Power Plant , Food Process, etc.

40-600W
10-25-40-60-90Degree
100 °C



100-500W
75 / 100 °C



50-500W
150 °C

