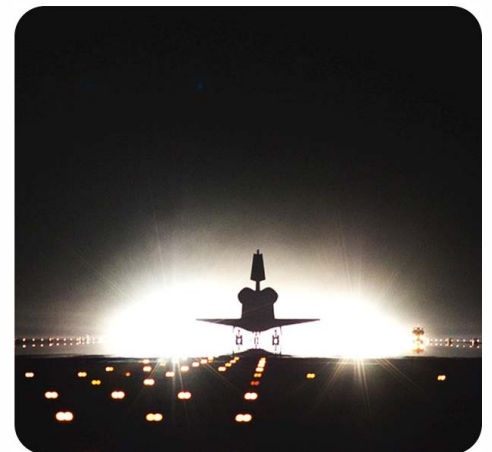
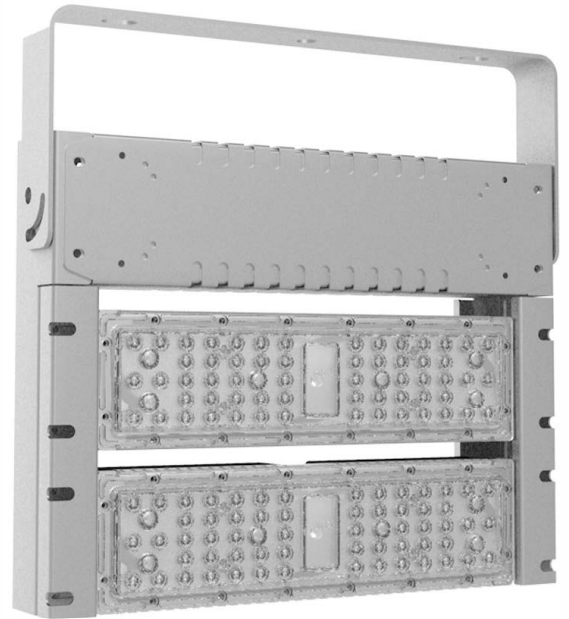


High Temperature LED Flood Lights



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**
(**302°F**)



Features



High temperature LED flood lights are designed with several features that enable them to withstand harsh conditions in industrial environments. Specifically, 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 dustproof 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.

IP67 Power Supply + IP67 Light Body

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.



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.

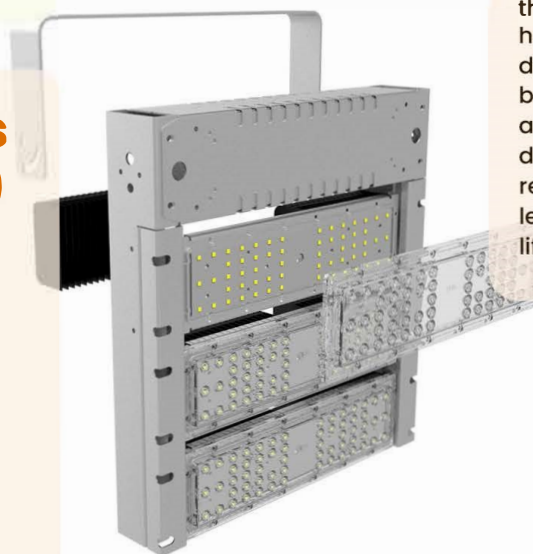


Finned Heat Sink

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 heat transfer, allowing the heat to be dissipated more efficiently. The gap between the fins also enhances the airflow, which further facilitates heat dissipation. The finned heat sink design reduces the temperature of the LED lights, leading to an improvement in their lifespan and stability.

Anti-glare LED Lens (75°C and 100°C only)

High temperature lights are equipped with an anti-glare lens that significantly reduces glare by at least 75%. The reduction of glare in lighting is crucial in improving the safety and comfort of workers in harsh industrial environments. Glare can cause discomfort, eye strain, and even accidents due to reduced visibility. With the use of an anti-glare lens, high temperature lights can provide clear and comfortable illumination that minimizes glare and maximizes visibility. This helps workers to carry out their tasks efficiently and safely without being impeded by excessive glare.



150°C High Temperature Lights

50W



Model: LS-ARE-HTX-50
Max. work temperature: 150°C (302°F)
Lumens: 7,500 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years

100W



Model: LS-ARE-HTX-100
Max. work temperature: 150°C (302°F)
Lumens: 15,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years

150W



Model: LS-ARE-HTX-150
Max. work temperature: 150°C (302°F)
Lumens: 22,500 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years

200W



Model: LS-ARE-HTX-200
Max. work temperature: 150°C (302°F)
Lumens: 30,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years

300W



Model: LS-ARE-HTX-300
Max. work temperature: 150°C (302°F)
Lumens: 45,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years

400W

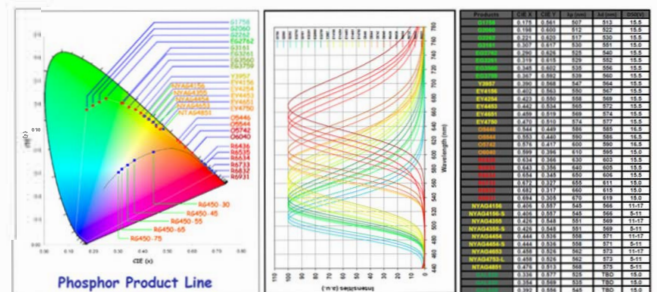


Model: LS-ARE-HTX-400
Max. work temperature: 150°C (302°F)
Lumens: 60,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years

500W



Model: LS-ARE-HTX-500
Max. work temperature: 150°C (302°F)
Lumens: 75,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRI: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 120°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
 *Driver: MEAN WELL / Inventronics
 Power factor: >95%
 Life span: 100,000 hours
 Warranty: 5 Years



* The LED driver, which operates separately from the light, can withstand temperatures up to 100°C. It is essential to ensure that the LED driver is positioned away from any heat source surpassing 100°C.



Specifications

100°C High Temperature Lights

50W



Model: LS-ARE-HT-50
Max. work temperature: 100°C (212°F)
Lumens: 7,500 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

100W



Model: LS-ARE-HT-100
Max. work temperature: 100°C (212°F)
Lumens: 15,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

150W



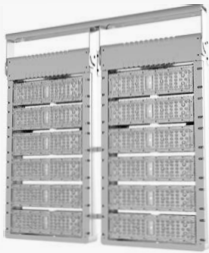
Model: LS-ARE-HT-150
Max. work temperature: 100°C (212°F)
Lumens: 22,500 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

200W



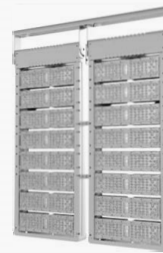
Model: LS-ARE-HT-200
Max. work temperature: 100°C (212°F)
Lumens: 30,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

300W



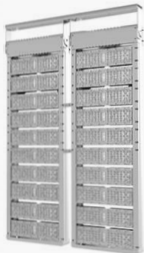
Model: LS-ARE-HT-300
Max. work temperature: 100°C (212°F)
Lumens: 45,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

400W

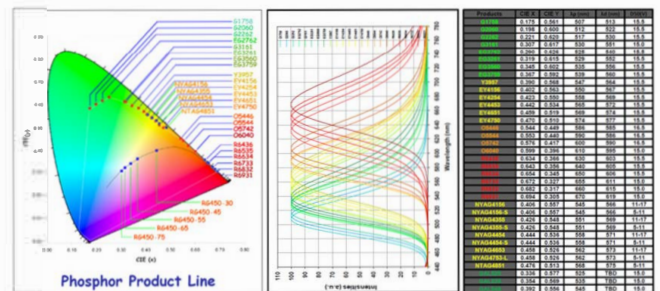


Model: LS-ARE-HT-400
Max. work temperature: 100°C (212°F)
Lumens: 60,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

500W



Model: LS-ARE-HT-500
Max. work temperature: 100°C (212°F)
Lumens: 75,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CRi: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: Inventronics
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years



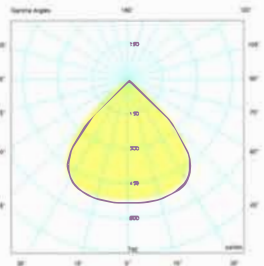
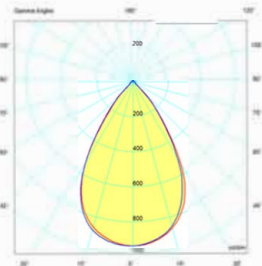
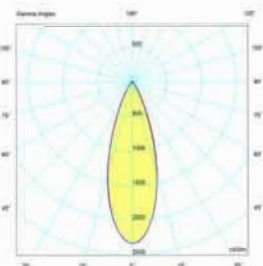
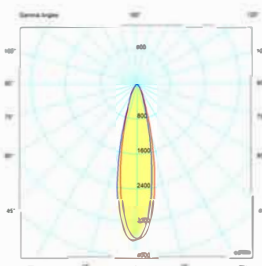
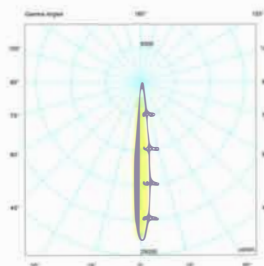
11°

24°

36°

60°

90°



Specifications

75°C High Temperature Lights

80W



Model: LS-ARE-HTE-80
Max. work temperature: 75°C (167°F)
Lumens: 12,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

100W



Model: LS-ARE-HTE-100
Max. work temperature: 75°C (167°F)
Lumens: 15,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

150W



Model: LS-ARE-HTE-150
Max. work temperature: 75°C (167°F)
Lumens: 22,500 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

200W



Model: LS-ARE-HTE-200
Max. work temperature: 75°C (167°F)
Lumens: 30,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Lifespan: 100,000 hours
Warranty: 5 Years

300W



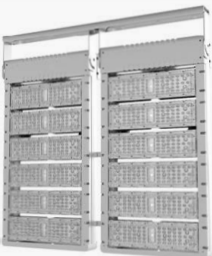
Model: LS-ARE-HTE-300
Max. work temperature: 75°C (167°F)
Lumens: 45,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

400W

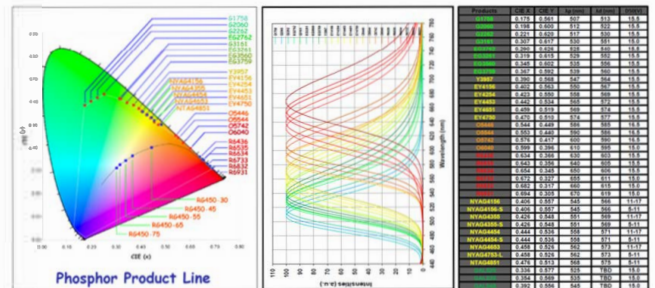


Model: LS-ARE-HTE-400
Max. work temperature: 75°C (167°F)
Lumens: 60,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years

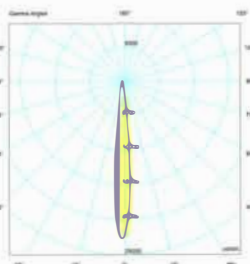
500W



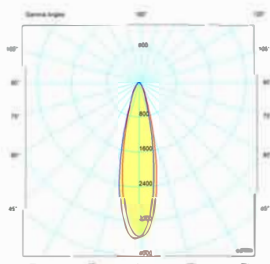
Model: LS-ARE-HTE-500
Max. work temperature: 75°C (167°F)
Lumens: 75,000 lm
CCT: 2,700K to 7,500K (Regular)
 1,500K to 10,000K (Customized)
CR: 75 (Regular)
 80 / 90 / 95 / 98 (Customized)
Beam angle: 11° / 24° / 36° / 60° / 90°
Input voltage: 90-295VAC, 50-60Hz
 110VAC / 220VAC / 240VAC
Driver: MEAN WELL
Power factor: >95%
Life span: 100,000 hours
Warranty: 5 Years



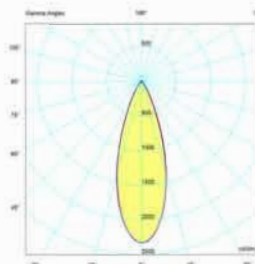
11°



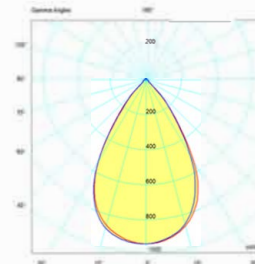
24°



36°



60°



90°

