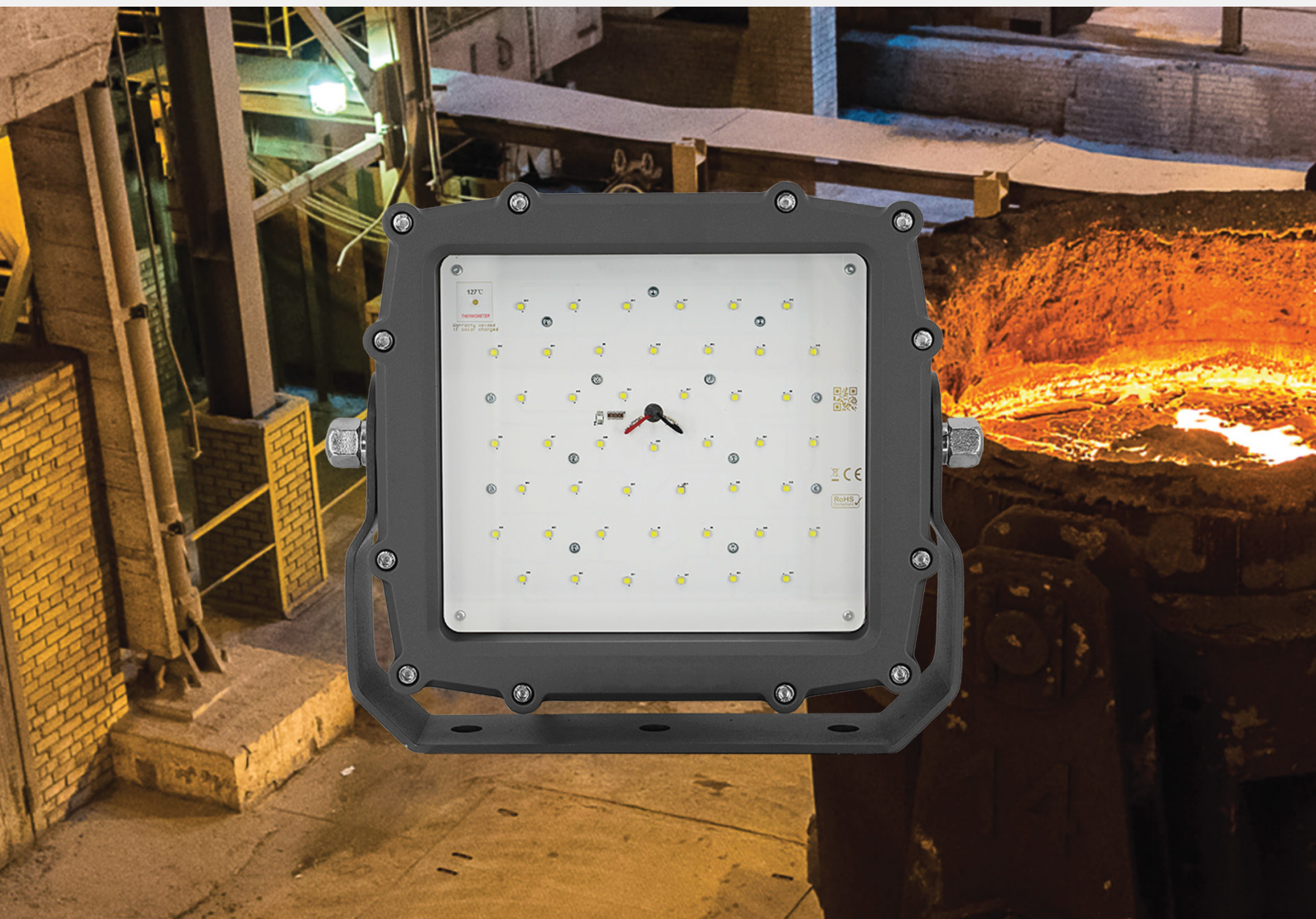


THERMALED



MAGNITECH
LIGHTING INDUSTRIES

High-Temperature Industrial LED Luminaire



120W

19,650
lumens



MAGNITECH
LIGHTING INDUSTRIES

High-Temperature
Industrial LED Light

SABS
ISO 9001

Built for the **Heat!**

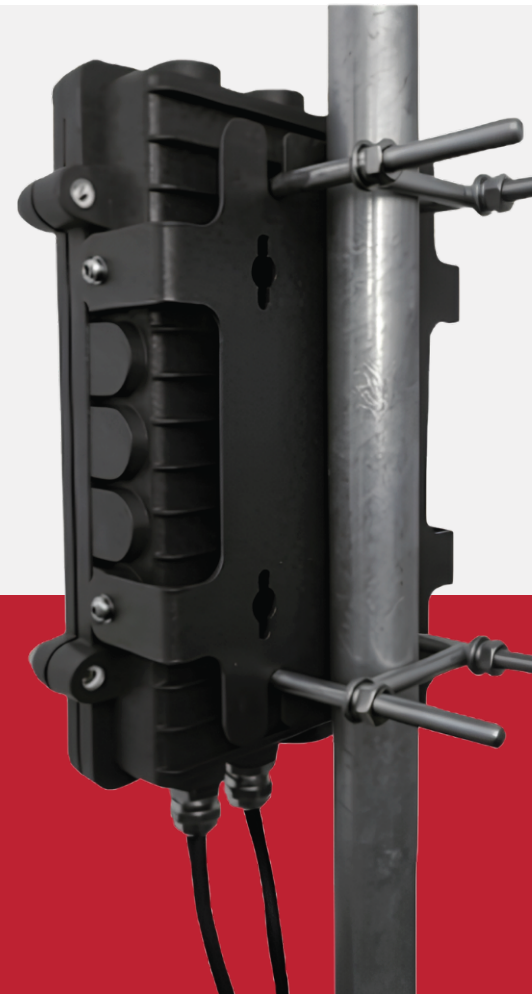
The THERMALED is a specialised high-temperature LED luminaire engineered for industrial environments where conventional fittings cannot reliably operate. Designed for demanding applications such as smelters and furnaces, it delivers 19,650 lumens at up to 165 lm/W while operating in ambient temperatures of up to +110°C.

Its corrosion-resistant aluminium alloy housing combines high thermal conductivity with durable construction while an integral temperature-monitoring system helps protect the luminaire under extreme operating conditions. The high-impact glass protector, vibration resistance and IP67 / IK09 ratings provide additional protection against demanding industrial conditions.

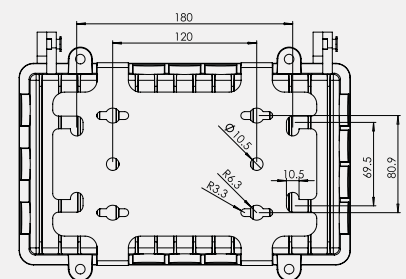
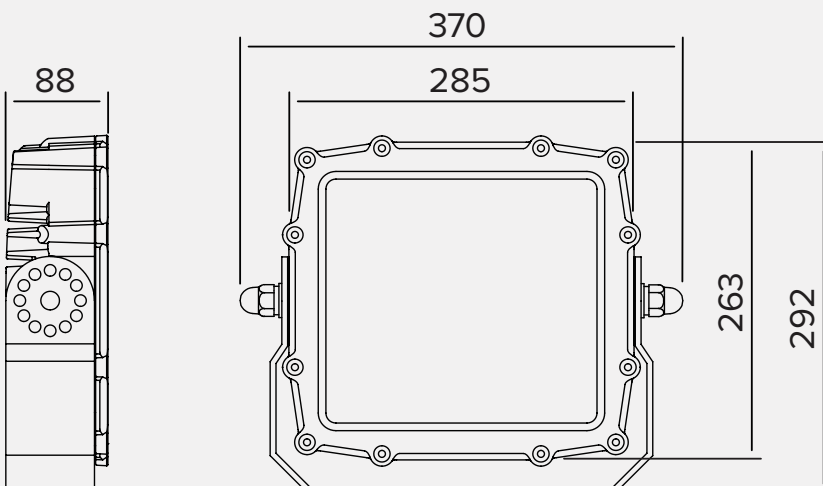


Fit-For-Purpose:

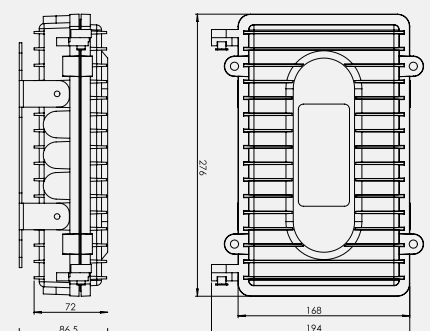
- Smelters
- Furnaces
- Foundries
- High-temperature process areas
- Metallurgical plants
- Heavy industrial production areas



Dimensions



DCB Driver Dimensions



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FEATURE	120W
NOMINAL POWER	120 Watts
NOMINAL FLUX (LM)	19,650 Lumens
NOMINAL EFFECIENCY (LM/W)	Up to 165lm/W
COLOR TEMPERATURE	6500K (STANDARD) 4000K / 5000K (OPTIONAL)
LED LIFETIME (HOURS) @ TA 25 °C	L70B20 > 50 000 HRS
CRI	>70
NOMINAL INPUT VOLTAGE	90–305V AC / 127–250V DC
OPERATING TEMPERATURE	-30°C to +110°C
SURGE PROTECTION	10kV (Standard) 20kV (Optional)
IP RATING	IP67
IK RATING	IK09 (High-Impact Glass)
BEAM ANGLE	120°
HOUSING	Aluminium alloy construction with dual-layer high-temperature protective coating
MOUNTING BRACKET	High-tensile 316 stainless steel bracket with protective coating
CABLE TYPE	Silicone (2m)
WEIGHT	10.1KG

* Values shown are AFTER both Thermal and Optical losses. Output will vary depending on optics utilised. Performance values are subject to ±5% variance.

Due to continuing R&D, the above data may change without prior notice. Please consult us for the latest available options. Warranties subject to our standard terms and conditions of sale. Visit our website for our full product range - www.magnitech.co.za.

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