



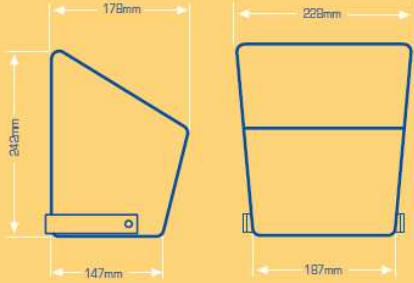
RL 737 Mini-flood

RL737 FLOODLIGHT

70(l) HPS • 80 MV • 125 MV







APPLICATIONS

SECURITY
PERIMETERS
SIGNAGE
SMALL HOLDINGS
PARKS AND GARDENS
MOUNTING HEIGHT: 2 - 5 m

- corrosion resistant glass reinforced polyester housing
- heat tempered glass
- integral control gear
- high purity aluminium reflector
- wall mount electroplated stirrup
- pole clamp available
- compact
- colours: white/black
- IP55

ORDERING DATA

CODE	CORRECTED LINE CURRENT		WEIGHT
	STARTING	RUNNING	
RL737 70(l) HPS	0.72 A	0.45 A	3.44 KG
RL737 80 MV	0.90 A	0.45 A	2.74 KG
RL737 125 MV	1.35 A	0.68 A	3.14 KG

Luminaire Housing

The Reeflite RL 737 mini-flood fibreglass luminaire range is manufactured using the following materials:

Floodlight Headpiece

- A rugged orthophthalic unsaturated polyester resin, white pigmented and UV stabilised, that complies with SABS 713-1999 standard.
- 450 Grams per square meter (Continuous strand) fibreglass matt for improved impact resistance, flexibility and good heat dissipation.
- External protective paint layer for increased UV protection

The glass is 4mm heat tempered for impact resistance and is secured by using poly-urethane silicone sealant. The headpiece contains a 30% glass filled Nylon lamp holder assembly to ensure that the lamp maintains a constant position. The lamp holder complies with VC8011, has a temperature tolerance of 240°C.

Re-lamping is done by removing the side lamp holder mount and is protected against the ingress of dust by using a silicone gasket. The wiring of the control gear compartment to the lamp holder is 1mm silicone insulated wire and is capable of withstanding temperatures up to 180°C.

Reflector System

The luminaire is fitted with an asymmetric reflector that is shaped in the vertical plane, 99.85% pure super deep anodized aluminium and is secured to prevent accidental misalignment.



Gear Compartment

The control gear compartment is integral to the floodlight headpiece and is enclosed by a fiber glass control gear lid manufactured from the same material as specified for the headpiece and secured by four electroplated 4mm bolts. The control gear lid seats on a SPR silicone gasket to ensure the IP 55 rating.

Control Gear

The ELT/TRIDONIC ballast complies with SABS 1266 and SABS 1267. The capacitor bears the IEC 61048 and SABS mark. All control gear components including the terminal block are mounted on a removable internal mild steel structure, which is electroplated and affixed to THE body using two electroplated bolts. All interior wiring is 0.8mm PVC insulated wire rated at 500V and able to withstand temperatures of at least 80°C. The following colors shall be used, Live – red/brown, Neutral – blue/black, and Earth – Yellow and Green/green. The operational voltage for the control gear is 230V +5% -5% 50Hz single phase, power factor corrected 0.90.

Mounting

For excellent durability in all types of weather conditions, the stirrup bracket is manufactured from electroplated mild steel. This standard bracket system can be used in wall mount applications. A pole mount clamp is available to clamp a pole diameter up of 76mm. Suitable for indoor and outdoor use.

SABS marks

All fittings bear the SANS 60598-2-5 safety mark.

Ingress Protection

IP 55 protection for both lamp and control gear compartments.

Guarantee

The fittings are guaranteed for 1 (one) year in normal atmospheric conditions. The control gear is of a high quality and is guaranteed for one year providing that damaged is not due to the ingress of moisture or incorrect connection.

Photometric Data

