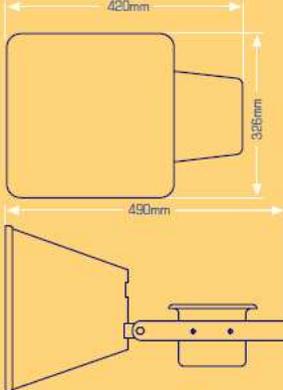


## Subject: RL 303 250 / 400 W MV

### RL303 FLOODLIGHT

250 MV ■ 400 MV



**APPLICATIONS**  
SECURITY  
SIGNAGE  
WORK AREAS  
ILLUMINATION OF BUILDINGS  
**MOUNTING HEIGHT: 4 - 7 m**

- corrosion resistant glass reinforced polyester housing
- heat tempered glass
- external control gear compartment
- high purity aluminium reflector
- universal electroplated galvanised mounting stirrup with pole clamp
- IP55

#### ORDERING DATA

CODE	CORRECTED LINE CURRENT		WEIGHT
	STARTING	RUNNING	
RL303 250 MV	2.60 A	1.35 A	8.44 KG
RL303 400 MV	4.20 A	2.10 A	9.74 KG

## Luminaire Housing

The Reeflite fibreglass luminaire range consists of a white fibreglass housing that 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.
- 600 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. A 5mm heat tempered glass can be fitted on request. The headpiece contains a fiber glass lamp holder assembly to ensure 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 lamp holder cup. The lamp holder cup is secured by using 3 electroplated bolts, is protected against the ingress of moisture and dust by using a silicone gasket.

### Reflector System

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

## Gear Compartment

The control gear compartment is separate of the main headpiece, is enclosed by a fiber glass control gear lid and is manufactured from the same material as specified for the headpiece. The lid is secured by four electro-plated 5mm bolts. To ensure the IP 55 rating, the control gear lid seats on a SPR silicone gasket .

## 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 gear plate, which is electroplated and affixed to the control gear compartment using two electro plated bolts.

All interior wiring is 1mm silicon covered wire rated at 500V and able to withstand temperatures of at least 180°C. The following colors shall be used, Live – red/brown, Neutral – blue/black, and Earth – Yellow and Green/green. The control gear operational voltage is 230V +5%/-5% 50Hz single phase, power factor corrected 0.90.

## Mounting

For excellent durability in all types of weather conditions the stirrup brackets are manufactured from electroplated mild steel. A universal bracket system can be used in wall and pole mount applications with a pole diameter of 76 – 100 mm. Suitable for indoor and outdoor use.

## SABS

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

## Ingress Protection

IP 55 protection for both lamp and control gear compartments.

## Guarantee

The fitting is guaranteed for life (15 Years) against deterioration due to ultra-violet radiation, hail damage and corrosion of the casing. The control gear is guaranteed for one year.

## Photometric Data

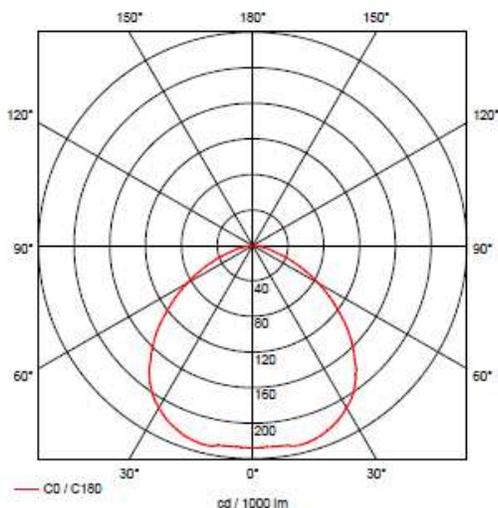


FIG 1: RL 303 400 MV