



## Subject: RL 254 Super

### RL254 S SUPERBAY

250 MV ■ 400 MV ■ 250 HPS ■ 400 HPS ■ 250 MH ■ 400 MH

**APPLICATIONS**

WAREHOUSES  
FOUNDRIES  
FACTORIES  
WORKSHOPS & OTHER INDUSTRIAL INSTALLATIONS

**MOUNTING HEIGHT: 5 m +**

- powder coated mild steel gear housing ■ removable gear tray
- 520mm anodised aluminium reflector with optional glass cover ■ IP23 open ■ IP43 enclosed
- also available with: 22" acrylic diffuser with optional acrylic drop lens with aluminium adapter

ORDERING DATA

CODE	CORRECTED LINE CURRENT		WEIGHT
	STARTING	RUNNING	
RL254 S 250 MV	2.80 A	1.35 A	7.30 KG
RL254 S 400 MV	4.20 A	2.10 A	8.30 KG
RL254 S 250 HPS	2.10 A	1.42 A	8.50 KG
RL254 S 400 HPS	3.80 A	2.20 A	9.85 KG
RL254 S 250 MH	2.80 A	1.42 A	8.50 KG
RL254 S 400 MH	3.80 A	2.20 A	9.85 KG

## Luminaire Housing

The Reeflite RL 254 control gear box consists of the following:

### Control Gear Box

A white powder coated 1.2mm cold rolled mild steel housings with a removable gear tray, a pair of electroplated mounting hooks and a lamp holder. The gear tray is secured via two electroplated self tapping screws. The internal gear plate and support structures are powder coated to ensure durability.

### Control Gear

The ELT/TRIDONIC ballast complies with SABS 1266 and SABS 1267. The capacitors bears the IEC 61048 and SABS mark. The ignitor (where applicable) is of the super-imposed type and complies with SABS 1630. All control gear components including the terminal block are mounted on a removable gear plate. All interior wiring is 1mm silicon insulated wire rated at 500V and able to withstand temperatures of up to 180°C. The following colours are 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

## Reflector System

### Aluminium:

The standard reflector system consist of a 520mm diameter spun anodised aluminium reflector with a mounting height ratio of 1:1,5 and is mounted onto the control gear via two key whole slots. The enclosed reflector is fitted with a 4mm tempered glass in a GRP ring, secured via 3 striker plates with latches. One of the striker plates is permanently connected to the latch to hinge the glass to the reflector during maintenance.

### Acrylic:

This reflector system consists of a ventilated aluminium neck and a 22 inch diameter acrylic reflector. This reflector can be enclosed by an optional acrylic drop lens secured via an aluminium adapter ring.

## Ingress Protection

The IP ratings are as follow: Open – IP23, Enclosed IP 43

## SABS marks

The luminaire is approved by the SABS and compiles with the SABS IEC 60598 safety specification

## 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.

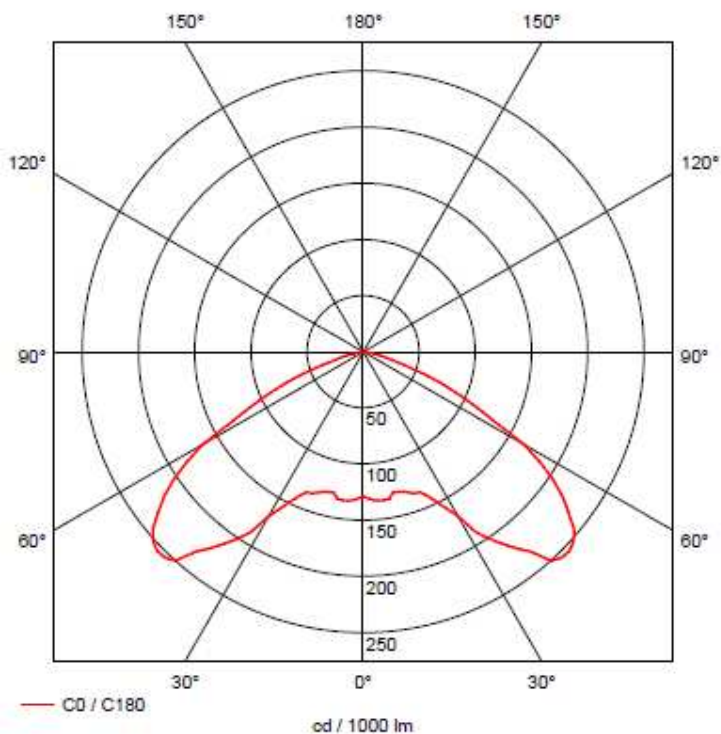


Fig 1: RL 254 S 400 MV