



## Subject: CH SAC

### CH SUPERBAY

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

**APPLICATIONS**

LARGE RETAIL STORES

WAREHOUSES

SHOPPING CENTRES

SHOWROOMS

**MOUNTING HEIGHT: 5 m +**

- powder coated cast aluminium housing ■ optional acrylic drop lens with aluminium adaptor available
- 22" acrylic diffuser ■ also available in 520mm diameter anodised aluminium reflector with optional glass cover
- control gear IP53 ■ reflector IP23

**ORDERING DATA**

CODE	CORRECTED LINE CURRENT		WEIGHT
	STARTING	RUNNING	
CHSAC 250 MV	2.60 A	1.35 A	5.90 KG
CHSAC 400 MV	4.20 A	2.10 A	7.00 KG
CHSAC 250 HPS	2.10 A	1.42 A	7.10 KG
CHSAC 400 HPS	3.80 A	2.20 A	8.40 KG
CHSAC 250 MH	2.80 A	1.42 A	7.10 KG
CHSAC 400 MH	3.80 A	2.20 A	8.40 KG

## Luminaire Housing

The Reeflite CH control gear box consists of:

### Control Gear Box

A black / white powder coated cast aluminium base with gear lid, a removable gear tray, an electroplated mounting eye bolt and an adjustable lamp holder. All internal gear plates and support structures are electroplated to ensure durability.

### Control gear

The ELT/TRIDONIC ballast complies with SABS 1266 and SABS 1267. The capacitor bears the IEC 61048 and SABS mark. The igniter, where required, 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

### Acrylic:

This reflector system consists of a ventilated aluminium neck and a 22 inch diameter acrylic reflector that is mounted onto the control gear via four screws. This reflector can be enclosed by an optional acrylic drop lens secured via an aluminium adapter ring.

### Aluminium:

The standard reflector system consists of a 520mm diameter spun anodised aluminium reflector with a mounting height ratio of 1:1 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.

## Ingress Protection

The IP ratings are as follow: Open – IP23, Enclosed IP 54, Control gear – IP53

## SABS marks

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

## 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.

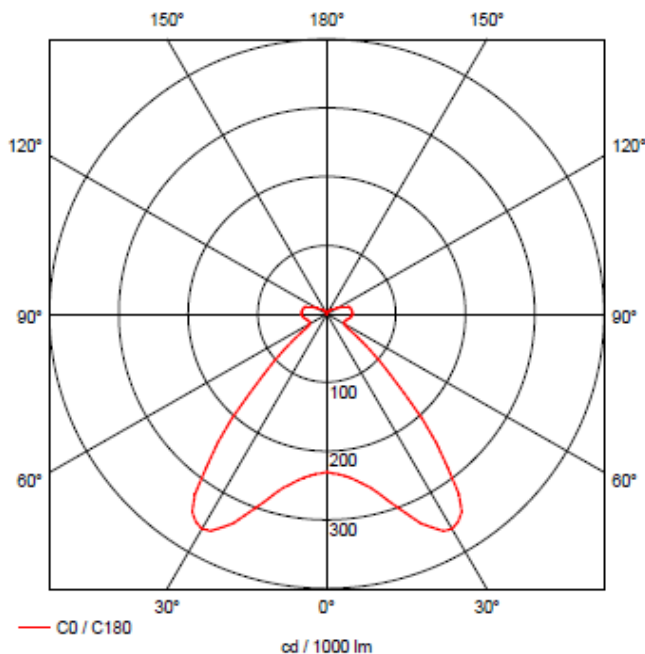


Fig 1: CHS 400 MH