



## Subject: CIB Bulkhead Guarantee

### CIB INDUSTRIAL BULKHEAD

80 MV ■ 125 MV ■ 70(I) HPS ■ 150 HPS ■ 70 MH ■ 150 MH

420mm  
300mm

205mm

**APPLICATIONS**

TUNNELS

CORRIDORS

BUILDING PERIMETER

CONVEYER

CANOPY

**MOUNTING HEIGHT: 2.5 - 5 m**

■ robust powder coated cast aluminium housing ■ borosilicate glass diffuser ■ integral control gear  
 ■ ceiling/wall mounting ■ stainless steel clips ■ IP65 ■ also available in 250 W HPS/MH, 2 x 26 W & emergency

ORDERING DATA			
CODE	CORRECTED LINE CURRENT		WEIGHT
	STARTING	RUNNING	
CIB 80 MV	0.90 A	0.45 A	8.70 KG
CIB 125 MV	1.35 A	0.68 A	9.00 KG
CIB 70(I) HPS	0.72 A	0.45 A	8.70 KG
CIB 150 HPS	1.30 A	0.88 A	10.00 KG
CIB 70 MH	0.72 A	0.45 A	9.00 KG
CIB 150 MH	1.70 A	0.82 A	10.50 KG

## Luminaire Housing

The Reeflite industrial bulkhead consists of the following:

### Base

The CIB consists of a power coated die-cast aluminium base that provides pre-casted mounting points for the control gear plate, lamp holder support and reflector system. All external clips are stainless steel (308).

### Diffuser

The CIB is enclosed by a borosilicate hard glass diffuser seated in a cast aluminium frame and is secured to the base via four 308 stainless steel clips. The glass diffuser seats on a silicon gasket to ensure the ingress protection rating.

### Reflector System

The bulkhead is fitted with a high performance reflector system formed for maximum light distribution.

### Control Gear

The ELT/TRIDONIC ballast complies with SABS 1266 and SABS 1267. The capacitors bears the IEC 61048 and SABS mark. The igniter 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, which is electroplated and affixed to the control gear compartment using two electroplated nuts.



All internal 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

Mounting is done via four external mounting ears. Suitable for indoor and outdoor use.

## SABS

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

## Ingress Protection

IP 65 protection for lamp compartment

IP 65 protection for control gear compartment

## Guarantee

The Reeflite CIB bulkhead range is guaranteed for 1 (one) year in normal atmospheric conditions, against mechanical and electrical defects. The control gear is high quality and these components are guaranteed for one year providing that they were not damaged due to the ingress of moisture or incorrectly connected.

## Photometric Data

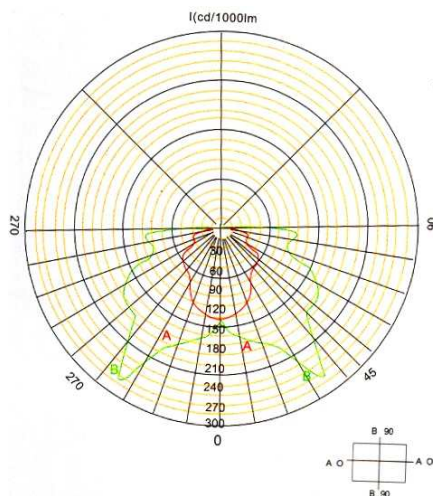


Fig 1: CIB 125 MV