



Subject: CDB Bulkhead Guarantee

CDB BULKHEAD

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

320mm

230mm

190mm

APPLICATIONS

TUNNELS
PERIMETER
SMALL AREAS
ARCHITECTURAL
CONVEYOR

MOUNTING HEIGHT: 2.5 - 5 m

■ powder coated cast aluminium housing ■ borosilicate glass diffuser ■ integral control gear

■ wall mounted ■ stainless steel screws ■ IP55 ■ also available in 2 x 26 W & emergency

ORDERING DATA

CODE	CORRECTED LINE CURRENT		WEIGHT
	STARTING	RUNNING	
CDB 80 MV	0.90 A	0.45 A	5.15 KG
CDB 125 MV	1.35 A	0.68 A	5.60 KG
CDB 70(I) HPS	0.72 A	0.45 A	5.90 KG
CDB 150 HPS	1.30 A	0.88 A	6.95 KG
CDB 70 MH	0.72 A	0.45 A	5.90 KG
CDB 150 MH	1.70 A	0.82 A	6.95 KG

Luminaire Housing

The Reeflite commercial bulkhead consists of the following:

Base

The CDB 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. Three terminated gland entries provide adequate cable entries and secure the IP rating. All external screws are stainless steel.

Diffuser

The CDB is enclosed by a borosilicate hard glass diffuser seated in a cast aluminium hinged frame, secured via two stainless steel screws. The glass diffuser seats on a silicon gasket to ensure the ingress protection rating of IP 55.

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 bear 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 three electroplated screws.



All internal wiring is 1mm silicon insulated wire rated at 500V and able to withstand temperatures of up to 180°C. The following colors 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.

Mounting

A pre-moulded mounting rose provides clear indication for easy and safe mounting. 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 55 protection for lamp compartment
IP 55 protection for control gear compartment

Guarantee

The Reeflite CDB bulkhead range is guaranteed for 1 (one) year in normal atmospheric conditions, against mechanical and electrical defects. The control gear is of high quality and is guaranteed for one year providing that damaged is not due to the ingress of moisture or incorrect connection.