


Coal Face / Compact Light Fitting BS 588... and BS 589...

– Technical Specifications:

Coal Face / Compact Light Fitting BS 588... and BS 589...:

Operating voltage AC	: 230 V (+20/-30%)	
Rated current approx.	: 160 mA / 240 mA	cos PHI : 0.98
Lamp wattage	: 2 x 18 W / 3 x 18 W	
Type of lamp	: Standard energy saving lamp (4-pin, 2 G 11)	
Lamp holder	: Holder 2 G 11	
Dimensions: length approx.	: 320 mm	
width approx.	: 240 mm	
height approx.	: 165 mm	
weight approx.	: 5.5 kg	

– Type of explosion protection:

 I M2: Ex edq I	IBExU 97 ATEX 1009	3. Addition
 II 2G: Ex edq IIC T5/T4	IBExU 97 ATEX 1009	3. Addition

– Degree of enclosure protection

IP 66

– Installation and connection

The light fittings of type BS 588*** and BS 589*** may be installed in any position. Several, even customer-specific, mounting brackets are available. The fixing holes in the bottom are used for attaching the luminaire to the perforated plate of the shield.

The terminal compartment is located inside the light fitting underneath the reflector. There is a 4-pole terminal board for the through wiring. The mains power supply line is fed through a cable entry into the enclosure and is connected to the 4-pole terminal board according to the enclosed terminal diagram. Coming from the same terminal board and going through the second cable entry, the wiring may be led out for connection of additional luminaires. There is also one terminal on the terminal board for connection of a protective ground conductor.

In coal face / compact light fittings equipped with illuminants the lamp holders and the illuminants are tied down by means of reusable cable straps – serving as transport protection. After exchanging an illuminant these cable straps have to be fitted properly again.

- In luminaire versions with integrated plug and socket connectors the internal wiring is already installed by the manufacturer. External wiring is provided by means of cables also equipped with plug and socket connectors.

ATTENTION: In this case, always connect the plug side of the luminaire first – thereafter the socket side!

– Starting operation

Before starting operation of luminaires with cable entries care must be taken that the terminals of the connecting cables are properly tightened and the enclosure is tightly closed (check cover and attached components).

– Repair

Defect illuminants, translucent covers and ballasts may be exchanged by the operator himself, under the condition that the installation instructions are regarded. To repair other defects the equipment has to be sent back to the manufacturer.

- **ATTENTION: After opening a luminaire that is still connected to the mains power supply the micro switch must not be operated!**

– ATTENTION !!!

Before starting operation store the luminaires in a dry place, protect against moisture!