

## **Luminaires BS 8\*\*\*\* / BS 7\*\*\*\***

### Description

- Low weight and design
- Longevity of the lamps by modern, economical, electrical ballasts (End-of-Life, powder filled)
- Cost saving installing by big, easily accessible connection box
- Optionally 2-pin (G13) or 4-pin (2G11) fluorescent lamps
- 2-pin socket vibration-proof up to 100 Hz
- In case of failure of one fluorescent lamp the second one keeps working independently
- No colouration of the polycarbonate cover by uv-resistance (optionally available as luminosity intensifying version = 20 % more light)
- All luminaires also available as multi-lamp version
- Five different types of enclosures possible (plastic, sheet steel, high-grade sheet steel, sheet aluminium and aluminium section with plastic heads)
- New central locking system with high IP-protection by combined interlocking of enclosure and cover (Allen wrench)
- Luminaire switches as forced break switches acc. to EN 60947-1 (IEC 60664)
- Through wiring in two or one direction(s) possible
- Cover with even surface for easy cleaning
- No fixed hole-to-hole spacing for suspension to be observed
- Optionally internal wiring with temperature stability 70 °C (standard version) or 105 °C
- Accessories (to be ordered separately): electronic ballast, cover, pole mounting tube, mounting set, pole mounting adapter for 18 W- and 36 W-version, blanking plug for cable glands, blind plug for M 25-holes, wiring up to 6 mm<sup>2</sup> (standard: through wiring 3 x 2.5 mm<sup>2</sup>) etc.



**plastic section**



**aluminium section**



**sheet steel**

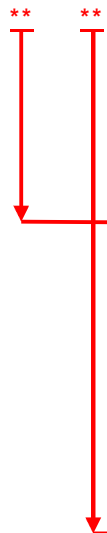


**high-grade sheet steel**

### Ex II - Type Identification Key

**BS**

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↓	↓	↓	↓	↓	↓
<b>Max. Number of Lamps/Wattage (Fluorescent Lamps G 13)</b>					
80	- 2 Lamps 18 Watt	(730 x 183 mm)			
81	- 3 Lamps 18 Watt	(730 x 183 mm)			
82	- 4 Lamps 18 Watt	(730 x 183 mm)			
83	- 2 Lamps 36 Watt	(1340 x 183 mm)			
84	- 3 Lamps 36 Watt	(1340 x 183 mm)			
85	- 4 Lamps 36 Watt	(1340 x 183 mm)			
86	- 2 Lamps 58 Watt	(1640 x 183 mm)			
87	- 3 Lamps 58 Watt	(1640 x 183 mm)			
88	- 4 Lamps 58 Watt	(1640 x 183 mm)			
<b>Max. Number of Lamps/Wattage (Fluorescent Lamps 2 G 11)</b>					
70	- 4 Lamps 18 Watt	(730 x 183 mm)			
71	- 3 Lamps 36/40 Watt	(730 x 183 mm)			
72	- 3 Lamps 55 Watt	(730 x 183 mm)			
73	- 2 Lamps 80 Watt	(730 x 183 mm)			
74	- 4 Lamps 36/40 Watt	(1340 x 183 mm)			
75	- 4 Lamps 55 Watt	(1340 x 183 mm)			
76	- 4 Lamps 80 Watt	(1340 x 183 mm)			
77	- 6 Lamps 36/40 Watt	(1640 x 183 mm)			
78	- 6 Lamps 55 Watt	(1640 x 183 mm)			
79	- 4 Lamps 80 Watt	(1640 x 183 mm)			
<b>Enclosure</b>					
5	- Aluminium Section with Plastic Heads				
6	- Sheet Steel				
7	- High-Grade Sheet Steel				
8	- Aluminium Sheet (Optionally Plastic coated)				
9	- Plastic (for Luminaires up to 1340 mm Length)				
<b>Connection: Cable Glands</b>					
1	- 2x M 36 x 1.5				
2	- 2x M 25 x 1.5				
3	- 1x M 36 x 1.5 and 1x M 25 x 1.5				
<b>Connection: Plug-In Connectors</b>					
4	- Plug/Socket				
5	- Plug/Socket with Line Termination				
6	- Socket/Plug with Line Termination				
7	- Plug/ 1x M 36 x 1.5				
8	- Socket/ 1x M 36 x 1.5				
9	- Plug with Line Termination/ 1x M 36 x 1.5				
0	- Socket with Line Termination/ 1x M 36 x 1.5				
<b>Special Versions</b>					
00	- No Special Version				
01	- Cover with Light Intensifying Lenses				
05	- Longitudinal Division of Lamp Compartment 1-3 G13-Lamps Stained and Switch-Selected / Switch				
06	- With Test Switch for Line Control				
07	- Luminaire with Handle				
<b>Combination of 01, 05, 06 and 07</b>					
11	- 01 and 05				
12	- 01 and 06				
13	- 01 und 07				
36	- 01, 05 and 06				
59	- 05 and 06				
**	**		**	**	**



Equipment according to Customer's Request  
(Differing from Standard = Type Identification Key Page 1):

Connection: Cable Entries

- 00 - Standard (= 2 Cable Glands M 25 x 1.5)
- 01 - 1 Cable Gland M 25 x 1.5  
(on the side of the central lock the enclosure head piece is closed)
- 02 - 1 Cable Gland M 25 x 1.5  
+ 1 Drain Plug M 25 x 1.5
- 03 - 2 Cable Glands M 25 x 1.5  
+ 1 Drain Plug M 25 x 1.5

Wiring

- 00 - Standard (Through Wiring 3 x 2.5 mm<sup>2</sup>)
- 01 - 5-Pole Wiring (5 x 2.5 mm<sup>2</sup>)
- 02 - 1-Directional Through Wiring 3-Pole (2.5 mm<sup>2</sup>)
- 03 - 1-Directional Through Wiring 5-Pole (2.5 mm<sup>2</sup>)
- 04 - 3-Pole Wiring (3 x 4 mm<sup>2</sup>)
- 05 - 5-Pole Wiring (5 x 4 mm<sup>2</sup>)
- 06 - 1-Directional Through Wiring 3- Pole (4 mm<sup>2</sup>)
- 07 - 1-Directional Through Wiring 5- Pole (4 mm<sup>2</sup>)
- 08 - 3- Pole Wiring (3 x 6 mm<sup>2</sup>)
- 09 - 5- Pole Wiring (5 x 6 mm<sup>2</sup>)
- 10 - 1-Directional Through Wiring 3- Pole (6 mm<sup>2</sup>)
- 11 - 1-Directional Through Wiring 5- Pole (6 mm<sup>2</sup>)