

Calstar - Ex d Fluorescent Fitting for 8 to 58 Watt Lamps

HAZARDOUS AREA SPECIFICATION

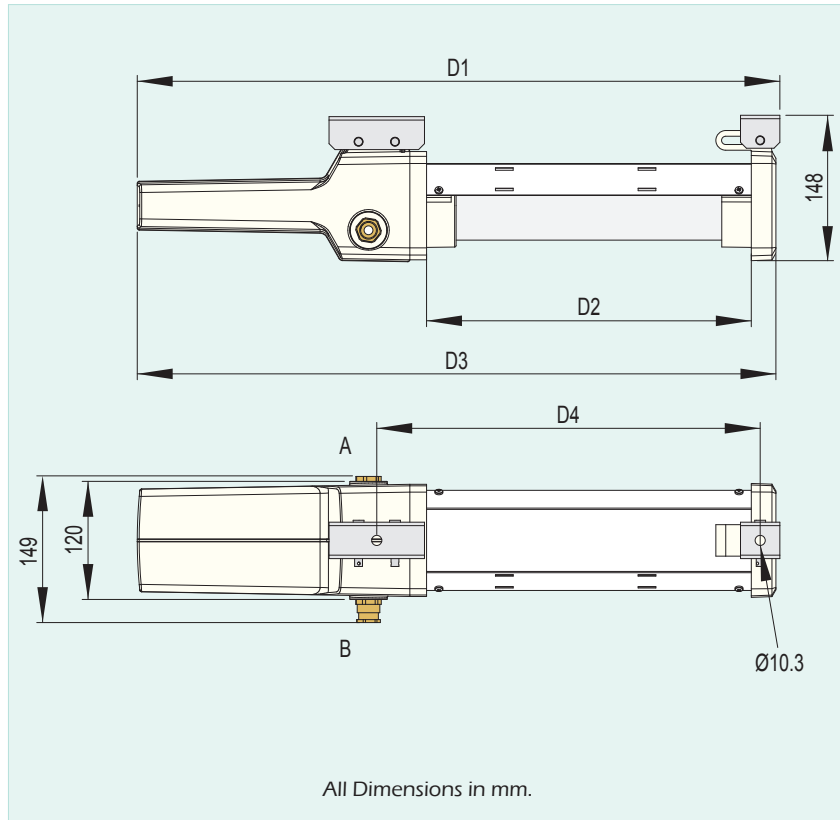
Marking to 94/9/EC		Ⓔ II 2 GD	
Type of Protection		500 series	Ex d IIB T* Gb Ex tb IIIC T***C Db
		600 series	Ex d IIC T* Gb Ex tb IIIC T***C Db
Ambient Temp. °C		Gas Temperature Class (T*°C)	Dust Temperature Class (T**)(°C)
Min	Max		
-20	+40	T6	85
-20	+55	T5	100
-20	+60	T4	135
Ingress Protection		Glass overtube - IP67 to EN60529:1992 polycarbonate over tube - IP6X to EN60529:1992	
Area Classification		Zones 1,2,21,22	
Certification No.		SIRA00ATEX1107X GOST-R POCC GB.Mn14.B00223	

ENCLOSURE SPECIFICATION

Material	All cast parts - light metal alloy Overtube - borosilicate glass / polycarbonate Reflector - 1.2mm galvanized mild steel
Finish	Cast metal parts - epoxy powder coated - RAL7032 Reflector - epoxy powder coat - white
Cover Fixing	M6 allen head stainless steel screws
Gasket	Nitrile O ring
Earthing	Internal
Entries	1 x 20mm Ex d threaded hole at A and B. Both entries are fitted with Ex d stopping plugs
Mounting	2 x Stainless Steel removable mounting brackets supplied as standard

ELECTRICAL SPECIFICATION

Control gear	High frequency electronic ballast complying with all European standards relating to safety, operation and EMC (Immunity)
Operating voltage	220 - 254 Volts 50/60Hz
Operating current	0.5 Amps
Power factor	0.98
Terminals	2.5mm ² connection block suitable for through wiring
Lamps	Bi-pin Fluorescent tube, T5 for 8W, T8 for all other fittings
EMC	To EN55015:2000



Model	D1	D2	D3	D4
8 Watts	653mm	330mm	649mm	390mm
18 Watts	915mm	592mm	911mm	652mm
36 Watts	1514mm	1191mm	1510mm	1251mm
58 Watts	1820mm	1497mm	1816mm	1557mm

ORDERING INFORMATION

GAS GROUPS IIA AND IIB				GAS GROUPS IIC			
Wattage	Lamp Length (mm)	Weight (Kg)	Product Code	Wattage	Lamp Length (mm)	Weight (Kg)	Product Code
1 x 8 Watts	300	2.5	500/0211	1 x 8 Watts	300	2.5	600/0211
1 x 18 Watts	600	5.0	500/0103	1 x 18 Watts	600	5.0	600/0103
2 x 18 Watts	600	5.2	500/0121	2 x 18 Watts	600	5.2	600/0121
1 x 36 Watts	1200	7.0	500/0109	1 x 36 Watts	1200	7.0	600/0109
2 x 36 Watts	1200	7.2	500/0127	2 x 36 Watts	1200	7.2	600/0127
1 x 58 Watts	1500	8.0	500/0115	1 x 58 Watts	1500	8.0	600/0115
2 x 58 Watts	1500	8.3	500/0133	2 x 58 Watts	1500	8.3	600/0133

Note:
 Append 'P' to the product code for a polycarbonate over tube e.g. 500/0133P
 Add /WG to part number if a wire guard is required
 Pepperl+Fuchs light fittings are not supplied with lamps
 Other mounting options available