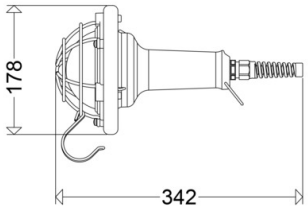
Explosion-protected LED hand light fitting

ExSPECT
e9310F
[Item no. : 93100 0001]

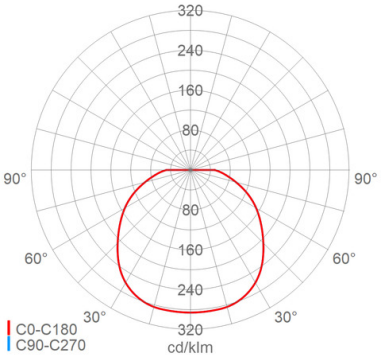
General product description

Explosion-protected LED hand lamp ExSPECT for zone 1/21. Handle made of rubber (EPDM) with suspension eye, strain relief and cable entry. Electrical kit made of die-cast aluminium with LED module and integrated ECG. Frosted PC cover, wire guard made of galvanised steel with hook for hanging up the hand lamp.



General product benefits

- robust design for reliable and safe long-term use
- sturdy handle
- impact-resistant PC cover
- additional safety due to robust wire guard
- user-friendly and for various applications
- light weight
- suspension eye and hook for hanging up the hand lamp
- homogenous illumination due to frosted PC cover for comfortable perception of light and brilliant glare limitation
- wide admissible ambient temperature range from -25°C to 40°C
- interchangeable components



Applications

- working light for hazardous areas zone 1/2 (gas) and 21/22 (dust)

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Technical data

General

EAN/GTIN:	4041254341897

Explosion protection

EX-Zone:	1 , 21 , 2 , 22
EX-marking gas:	II 2G Ex eb mb op is IIC T4 Gb
EX-marking dust:	II 2D Ex op is tb IIC T80°C Db
Primary ignition protection method:	eb
Temperature class:	T4
Surface temperature:	T80°C
ATEX:	IBEXxU 19 ATEX 1134
IECEx:	IECEx IBE 19.0028

Key technical data

Light source:	LED
Exchangeability:	light source with control gear replaceable by qualified person
Connected load:	10 W
Luminaire luminous flux:	600 lm
Luminous efficacy:	60 lm/W
Colour temperature:	6500 K
Admissible ambient temperature T_a:	-25 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	G

Lighting technology

Light distribution:	rotationally symmetrical beam

Service life

Service life LED:	L70>100000 h (@ Ta max)

Electrical connection

Rated voltage:	220 - 240 V, 0 Hz, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 1 - 2,5 mm²
Cable entries:	M20 (1x), cable gland (1x), Plastic, 7 - 13 mm

Features/Certificates

Protection class:	I
IP rating:	IP66
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Suspended
Mounting:	1-point

Housing

Housing material:	Rubber (EPDM)
Colour:	black

Cover

Cover type / material:	Diffuser (PC)
Cover characteristic:	satined

Cover

Closure:	screwed (Galvanised steel)
Protective cover:	Wire guard

Dimension/Weight

Length:	342.00 mm
Width / Diameter:	162.00 mm
Height:	178.00 mm
Net weight:	1.30 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
93101 9003	ABD 9308F	cover PC satined
93101 9004	SK 930 B	
93101 9002	93KT	cable gland M20 for Ex-Zone 1/21 with bend protection