



Hand Lamp Series 6147

- Explosion protection to
 - CENELEC
 - IEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- For incandescent lamps up to 60 W
- Can be supplied with or without fitted connection lead
- Hand grip of soft rubber vulcanized around an aluminium reinforcement
- Glass cover resistant to temperature changes

01927E00


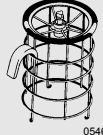


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Series 6147 hand lamp can be used for local working illumination in locations with explosive gas or dust atmosphere.

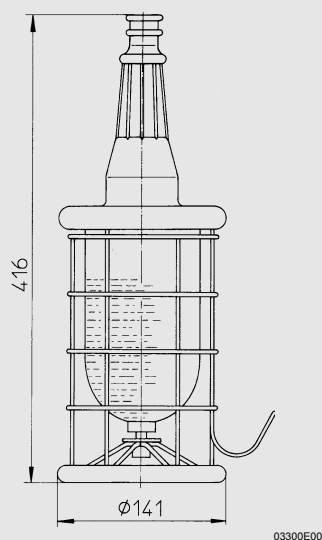
Zones 1 & 2, 21 & 22

Selection Table			
Version	Description	Order number	Weight kg
Hand lamp	with galvanized and PVC wire guard	6147/2-2	2.050
Note	1) With connection lead and Ex-plug - state with order 2) Light fittings are supplied without lamps - see accessories		

Technical Data	
Explosion protection	
Gas explosion protection	⊕ II 2 G Ex de IIC T. T4: 220 V ... 230 V; 25 W, 40 W, 60 W T3: 24 V / 42 V; 25 W, 40 W, 60 W
Dust explosion protection	⊕ II 2 D Ex td A21 IP 65 T145 °C
Certificates	
Gas explosion protection	PTB 02 ATEX 2115
Dust explosion protection	PTB 02 ATEX 2115
Material	
Enclosure material	Light metal, coated with vulcanized soft rubber to form a handle
Wire guard	Steel wire, galvanized and painted, PVC coated if required
Glass	Pressed glass, resistant to temperature changes
Shock absorbing ring	Soft rubber
Lamps	
Lamp holder	E 27
Lamp	Incandescent lamp, in 25 W, 40 W or 60 W
Note	Only incandescent lamps of the companies OSRAM and RADIUM to DIN 49 810 part 5 may be used!
Rated voltage	24 V; 42 V; 230 V
Protection class	II (insulated)
Type of protection	IP65 protected against water jets and dust
Ambient conditions	- 20 ... + 40 °C
Cover fixing	M 8, hexagon head screw
Connection	Terminals 1.5 mm ² Outer sheath made of tough polychlorophene or comparably wear-resistant material. Use in 24 V, 42 V applications requires a connector cable that is heat-resistant to at least 110 °C.
Cable entry	M 20 with cable tension reliever for connection wire diameter of 8.5 mm ... 12 mm

Accessories and Spare Parts					
Designation	Illustration	Description	Order number	Weight kg	
Incandescent lamp	 04958E00	40 W E 27 230 V ▽	111690	0.044	
		60 W E 27 230 V ▽	111691	0.042	
		25 W E 27 24 V ▽	108858	0.044	
		40 W E 27 24 V ▽	108859	0.042	
		60 W E 27 24 V ▽	108860	0.042	
		25 W E 27 42 V ▽	108861	0.042	
		40 W E 27 42 V ▽	108862	0.042	
		60 W E 27 42 V ▽	108863	0.042	
Wire guard	 05464E00	Steel wire galvanized	120437	0.001	
		galvanized / PVC-coated	120440	0.700	
Replacement glass	 05465E00	Pressed glass, resistant to temperature changes	120438	0.745	
Lampholder	 05466E00	E 27	120439	0.320	

Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



Hand lamp, 6147

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.