



## Hand Lamp Series 6147

- Can be used
  - in Zone 1 and Zone 2
  - in 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
- Wire guard of zinc-coated or plastic-coated steel wire available
- Glass cover resistant to temperature changes

01927E00

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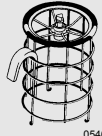


Series 6147 hand lamp can be used for local working illumination in locations with explosive gas or dust atmosphere.

# Zones 1 & 2, 21 & 22

Selection table			
Version	Description	Ordering code	Weight kg
Hand lamp	with galvanized wire guard	6147/2-1	2,200
	with galvanized and PVC wire guard	6147/2-2	2,628
Note	1) With connection lead and Ex-plug - state with order 2) Light fittings are supplied without lamps - see accessories		

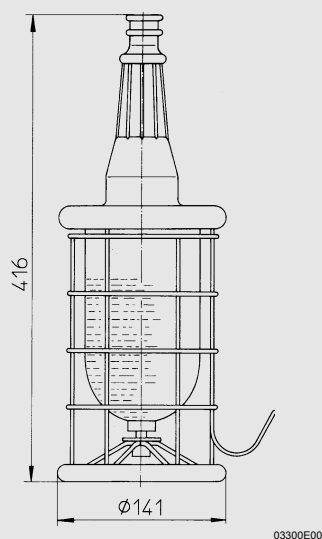
Technical Data	
Explosion protection	
Gas explosion protection	⊕ II 2 G EEx ed IIC T. T4: 220 V ... 230 V; 25 W, 40 W, 60 W T3: 24 V / 42 V; 25 W, 40 W, 60 W
Dust explosion protection	⊕ II 2 D IP 65 T145 °C
Certificates	
Gas explosion protection	PTB 02 ATEX 2115
Dust explosion protection	PTB 02 ATEX 2115
Material	
Housing	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	
Lampholder	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)
Degree of protection	IP 65 protected against water jets and dust
Ambient temperature	- 20 °C ... + 40 °C
Cover fixing	M 8, hexagon head screw
Connection	Terminal 1.5 mm <sup>2</sup> Required connection cable H07RN-F 2 x 1.5 mm <sup>2</sup> to VDE 0165 (fitting is available with flexible connection lead and Ex plug on request)
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			Ordering code	Weight kg	
Incandescent lamp	 04958E00	40 W	E 27	230 V	▽	<b>5126220</b>	0,044
		60 W	E 27	230 V	▽	<b>5126230</b>	0,030
		25 W	E 27	24 V	▽	<b>4616250</b>	0,044
		40 W	E 27	24 V	▽	<b>4616260</b>	0,042
		60 W	E 27	24 V	▽	<b>4616270</b>	0,042
		25 W	E 27	42 V	▽	<b>4616280</b>	0,032
		40 W	E 27	42 V	▽	<b>4616290</b>	0,042
		60 W	E 27	42 V	▽	<b>4616300</b>	0,042
Wire guard	 05464E00	Steel wire galvanized			<b>6147801140</b>	0,001	
		galvanized / PVC-coated			<b>6147802140</b>	0,001	
Replacement glass	 05465E00	Pressed glass, resistant to temperature changes			<b>6147801580</b>	0,695	
Lampholder	 05466E00	E 27			<b>6147801650</b>	0,001	

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## Dimension 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.