

Hand Lamp

Series 6141/6



www.stahl.de



- > For alkaline batteries
- > Available in 2 sizes
- > Light source - LED
- > ATEX and IECEx certification
- > 6141/62-26 for use in IIC
- > Waterproof IP68

E2



12947E00



Zone	ATEX / IECEx					
	0	1	2	20	21	22
6141/62-26: For use in		x	x		x	x
6141/61-16: For use in		x	x			

WebCode 6141B

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Selection Table

Version	Use in	Rated data	For batteries Pieces x version	Order number	Weight kg
 12949E00	Zones 1, 2	3 V	2 x AAA	6141/61-16	0.045
 12948E00	Zones 1, 2, 21, 22	6 V	4 x AA	6141/62-26	0.190

Hand lamps are supplied with batteries.

Explosion Protection

Version	6141/62-26	6141/61-16
Explosion protection		
Global (IECEX)		
Gas	IECEX ITS 10.0023X ⊕ II 2G Ex ib IIC T4 Gb	IECEX ITS 10.0028X ⊕ II 2G Ex ib e IIB T4 Gb
Dust	IECEX ITS 10.0023X ⊕ II 2D Ex ib IIIC T81 °C Db IP68	-- --
Europe (ATEX)		
Gas	ITS 10 ATEX 26995X ⊕ II 2G Ex ib IIC T4 Gb	ITS 10 ATEX 26996X ⊕ II 2G Ex ib e IIB T4 Gb
Dust	ITS ATEX 26995X ⊕ II 2D Ex ib IIIC T81 °C Db IP68	-- --

Certificates and approvals

Certificates	IECEX, ATEX, Serbia (IZP)	IECEX, ATEX, Serbia (IZP)
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Technical Data








Electrical data		
Version	6141/62-26	6141/61-16
Batteries	4 x Alkaline Daimon (by Duracell) AA/LR6/Mignon MN 1500, 1.5 V each or 4 x Energizer Classic AA/LR6, 1.5 V each 4 x Duracell Procell MN 1500 AA	2 x Duracell Plus Alkaline AAA/LR6/Micro/LR03/MN2400, 1.5 V each 2 x Daimon (by Duracell) Alkaline AAA/Micro/LR03/MN2400, 1.5 V each 2 x Energizer Mini Stilo Classic E 92 Alkaline AAA/LR03, 1.5 V each 2 x Energizer Ultra AAA/LR03, 1.5 V each 2 x Varta Long Life Extra 4103 Alkaline AAA/LR03, 1.5 V each 2 x Varta Hi Energy 4903 Alkaline/LR03, 1.5 V each
Luminous Characteristics		
Version	6141/62-26	6141/61-16
Lamps	LED white, ~ 50 lm	LED white, ~ 20 lm
Range	~ 100 m, diameter 3 - 5 m	~ 25 m, diameter 3 - 5 m
Service life time	~ 15 - 50 h	~ 10 h
Ambient conditions		
Operating temperature range	- 20 ... + 40 °C	- 20 ... + 40 °C
Mechanical data		
Version	6141/62-26	6141/61-16
Enclosure material	XAG (plastic material in accordance with < 1 GΩ ATEX)	Polycarbonate
Degree of protection	IP68 (3 m, 30 min)	IP68 (3 m, 30 min)
Note	Do not open the lamp in the hazardous area!	Do not open the lamp in the hazardous area!

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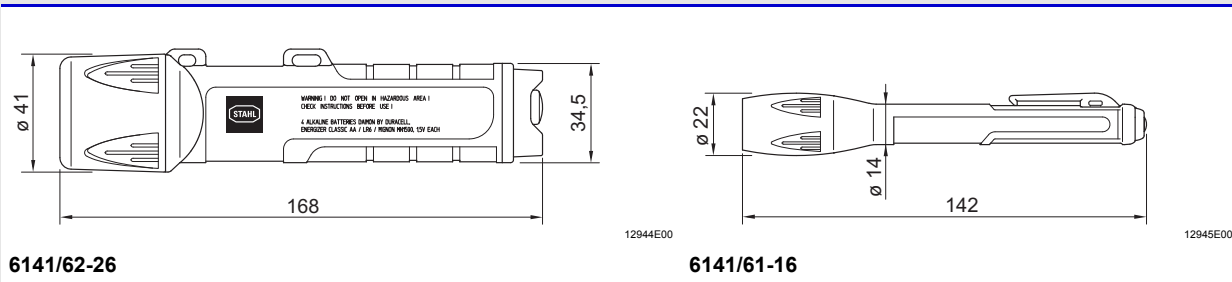


Accessories and Spare Parts

Designation	Illustration	Description	Art. no.
Battery	 12938E00	for 6141/61-16 2 x Energizer	204144
	 12939E00	for 6141/62-26 4 x Energizer Classic AA/LR6	204143
Belt bag	 12941E00	for 6141/61-16 black	204142
	 12940E00	for 6141/62-26 black	204141
Fibre optic top piece	 12950E00	for 6141/61-16 Length approx. 250 mm; black	203970
	 12942E00	for 6141/62-26 Length approx. 250 mm; black	203969
Warning light hood	 12943E00	for 6141/62-26 orange	203968

E2

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



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

Representante oficial de:



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