

Hand Lamp

Series 6141/6



www.stahl.de



12947E00

- > For alkaline batteries
- > Available in 2 sizes
- > Light source - LED
- > ATEX and IECEx certification
- > 6141/62-16 for use in IIB
- > Waterproof IP68

E2





Zone	ATEX / IECEx					
	0	1	2	20	21	22
6141/62-16: 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	0.085
 12948E00	Zones 1, 2, 21, 22	6 V	4 x AA	6141/62-16	0.190

Hand lamps are supplied with batteries.

Explosion Protection

Version	6141/62-16	6141/61-16
Explosion protection		
Global (IECEX)		
Gas	IECEX ITS 11.0038X Ex ib IIB T4 Gb	IECEX ITS 11.0039X Ex ib IIB T4 Gb
Dust	IECEX ITS 11.0038X Ex ib IIIC T81 °C Db IP68	-- --
Europe (ATEX)		
Gas	ITS 11 ATEX 27368X ⊕ II 2G Ex ib IIB T4 Gb	ITS 11 ATEX 27369X ⊕ II 2G Ex ib IIB T4 Gb
Dust	ITS 11 ATEX 27368X ⊕ II 2D Ex ib IIIC T81 °C Db IP68	-- --

Certifications and certificates

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

Electrical data		
Version	6141/62-16	6141/61-16
Batteries	4x Daimon MN1500 (by Duracell) LR6/AA 4x Energizer Classic LR6/AA 4x Energizer Ultimate Lithium LR6/AA 4x Duracell Procell LR6/AA 4x Duracell Plus LR6/AA 4x Duracell Simply LR6/AA	2 x Duracell Plus Alkaline AAA/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 Consumer Long Life Extra AAA/LR03, 1.5 V each 2 x Varta Hi Energy AAA/LR03, 1.5 V each
Luminous characteristics		
Version	6141/62-16	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	6141/62-16	6141/61-16
Enclosure material	Polycarbonate	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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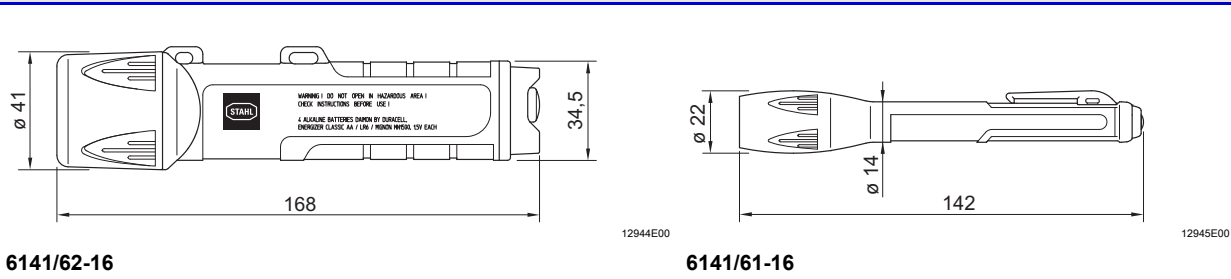


E2

Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Battery	 12938E00	for 6141/61-16 2 x Energizer	204144	0.300
	 12939E00	for 6141/62-16 4 x Energizer AA/LR6	204143	0.350
Belt bag	 12941E00	for 6141/61-16 black	204142	0.030
	 12940E00	for 6141/62-26 black	204141	0.037
Fibre optic top piece	 12950E00	for 6141/61-16 Length approx. 250 mm; black	203970	0.030
	 12942E00	for 6141/62-26 Length approx. 250 mm; black	203969	0.025
Warning light hood	 12943E00	for 6141/62-26 orange	203968	0.050

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.