

# Hand Lamp

## Series 6141/6



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- > 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	<b>6141/61-16</b>	0.045
 12948E00	Zones 1, 2, 21, 22	6 V	4 x AA	<b>6141/62-26</b>	0.190

Hand lamps are supplied with batteries.

### Explosion Protection

Version	<b>6141/62-26</b>	<b>6141/61-16</b>
<b>Explosion protection</b>		
<b>Global (IECEX)</b>		
Gas	IECEX ITS 11.0038X Ex ib IIC T4 Gb	IECEX ITS 11.0039X Ex ib IIB T4 Gb
Dust	IECEX ITS 11.0038X Ex ib IIIC T81 °C Db IP68	-- --
<b>Europe (ATEX)</b>		
Gas	ITS 11 ATEX 27368X ⊕ II 2G Ex ib IIC 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	-- --
<b>Certificates and approvals</b>		
Certificates	IECEX, ATEX, Serbia (IZP)	IECEX, ATEX, Serbia (IZP)

### Technical data








<b>Electrical data</b>		
Version	<b>6141/62-26</b>	<b>6141/61-16</b>
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	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
<b>Luminous Characteristics</b>		
Version	<b>6141/62-26</b>	<b>6141/61-16</b>
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
<b>Ambient conditions</b>		
Operating temperature range	- 20 ... + 40 °C	- 20 ... + 40 °C
<b>Mechanical data</b>		
Version	<b>6141/62-26</b>	<b>6141/61-16</b>
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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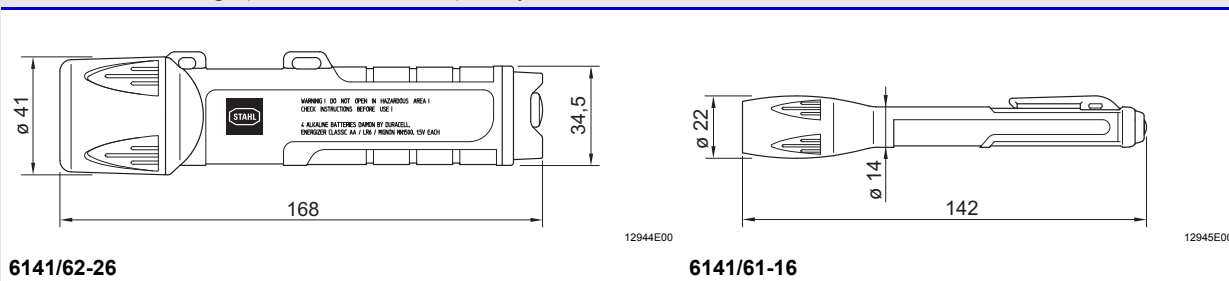


### Accessories and Spare Parts

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

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.