

6148/1111-111 Art. No. 209686



- Energy-saving, bright LED technology
- Approved in accordance with the relevant firefighting standard
- Lamp head pivots 190°
- Incredibly lightweight
- Main light continuously dimmable
- Long battery life
- Ergonomic one-hand operation

MY R. STAHL 6148A



The ergonomic design of the 6148 series portable LED lamp allows you to operate this lamp with just one hand. Its brightness can be freely adjusted; alternatively, it can be set to flashing mode. The pivoting lamp head allows you to direct the light cone virtually anywhere. Coloured diffusing lenses are available as accessories, and transform your lamp into a portable Ex beacon. It approved for use in vehicles, and when connected to the charging unit, has an emergency lighting function.

### Technical Data

#### Explosion Protection

Ex version	Yes
Application range (zones)	1, 2, 21, 22
IECEX gas explosion protection	Ex ib IIC T4 Gb
IECEX dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex ib IIC T4 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T75 °C Db
Approval for motor vehicles	E1 10 R - 036569
Certificates	ATEX (IBE), Brazil (ULB), IECEx (IBE)
Declaration of conformity	ATEX (EUK)

#### Electrical Data

Rated operational voltage DC	12 ... 30 V
Battery version	Lead-fleece battery

#### Lighting Data

Number of lamps	2
Lamp	LED
Light colour	6500 K
Light intensity	40000 cd
Light distribution	In accordance with DIN 14642

#### Ambient Conditions

Ambient temperature	-20 °C ... +50 °C
Storage temperature	-25 °C ... +60 °C

#### Mechanical Data

Degree of protection (IP)	IP66
Class	II (double insulated)
Enclosure material	Polyamide, Impact resistant

# Lighting

## Portable LED searchlight Complete set



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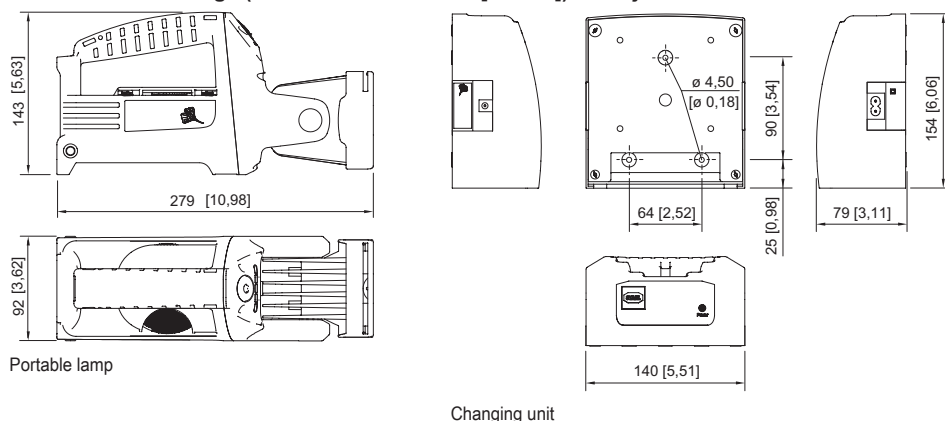
### Mechanical Data

Enclosure colour	Black
Silicone-free content	Contains silicone
Type of connection cable	Charging cable 110 to 240 V AC
Cable length	1.8 m
Width	92 mm
Height	143 mm
Length	279 mm
Headlamp head tilting function	Front: 100°, rear: 90°
Weight	1.83 kg
Weight	4.03 lb

### Components

Plug	Euro plug, 2-pole
Battery-Version	Lead-fleece battery, maintenance-free, 6 V, 4 Ah

### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations




Portable lamp


Charging unit

### Accessories


#### Adaptor for external charging unit.

	for charging the portable lamp in the KFZ90 or LG443 charging unit	Art. No. 212701
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#### Belt hook

	for fastening the portable lamp to the belt	Art. No. 212331
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#### Diffusing lens




	clear	Art. No. 212333
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# Lighting

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Diffusing lens		Art. No.
	green	220306
	orange	212334
	red	212956



Shoulder strap		Art. No.
	for carrying the portable lamp	212702

Wall bracket		Art. No.
	for wall mounting the charging unit	212332

## Spare Parts

Battery		Art. No.
	for 6148 lead-fleece battery, 6 V, 4.5 Ah	308234

Charging unit		Art. No.
	for 6148 (12 – 30 V DC and 100 – 240 V AC)	209688

Connection cable		Art. No.
	230 V charging cable with plug	120014
	12/24 V charging cable with plug	212316

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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.