

6148/1111-101 Art. No. 209687



- 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 certificate	IECEx IBE 11.0009
IECEx gas explosion protection	Ex ib IIC T4 Gb
IECEx dust certificate	IECEx IBE 11.0009
IECEx dust explosion protection	Ex tb IIIC T75 °C Db
ATEX gas certificate	IBExU 11ATEX 1066
ATEX gas explosion protection	Ex II 2 G Ex ib IIC T4 Gb
ATEX dust certificate	IBExU 11ATEX 1066
ATEX dust explosion protection	Ex 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

Battery version	Lead-fleece battery
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Lighting Data

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

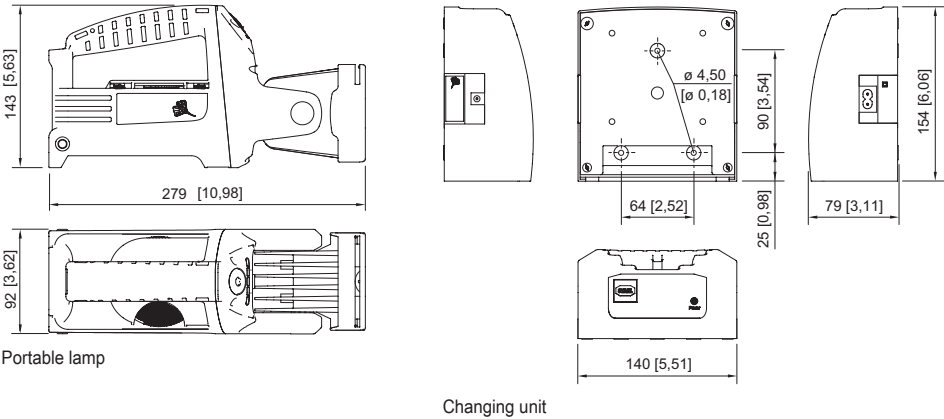
Ambient Conditions

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

6148/1111-101 Art. No. 209687

Mechanical Data	
Degree of protection (IP)	IP66
Class	II (double insulated)
Enclosure material	Polyamide, Impact resistant
Enclosure colour	Black
Silicone-free content	Contains silicone
Width	92 mm
Height	143 mm
Length	279 mm
Headlamp head tilting function	Front: 100°, rear: 90°
Weight	1.55 kg
Weight	3.42 lb
Components	
Battery-Version	Lead-fleece battery, maintenance-free, 6 V, 4 Ah

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



Accessories

Adaptor for external charging unit.		Art. No.
	for charging the portable lamp in the KFZ90 or LG443 charging unit	212701
Belt hook		Art. No.
	for fastening the portable lamp to the belt	212331
Diffusing lens		Art. No.
	clear	212333

6148/1111-101 Art. No. 209687

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

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

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.