

# Lighting

## LED portable lamp Complete set



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

WebCode 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	⊕ II 2 G Ex ib IIC T4 Gb
ATEX dust certificate	IBExU 11ATEX 1066
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T75 °C Db
EAC certificate	EAEU RU S-DE.HA91.B.00115/20
EAC gas explosion protection	⊕ 1 Ex ib IIC T4 Gb
EAC dust explosion protection	⊕ Ex tb IIIC T75°C Db
Approval for motor vehicles	E1 10 R - 036569
Certificates	ATEX (IBE), Brazil (ULB), EAC (ENDCE), IECEX (IBE)

#### 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

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### Lighting Data

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

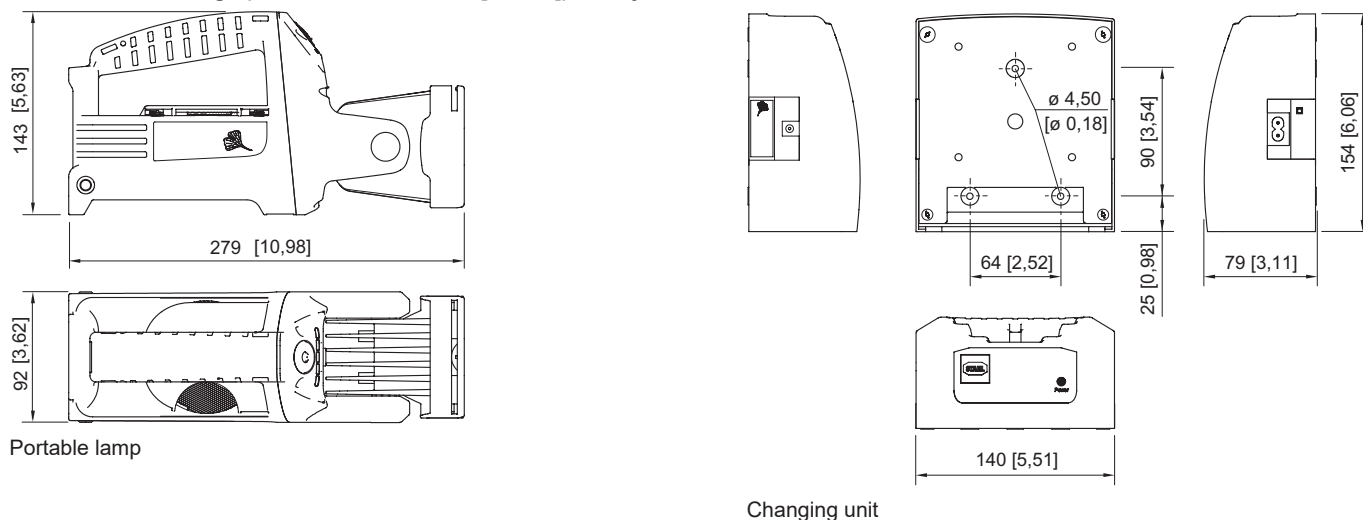
### Mechanical Data

Degree of protection (IP)	IP66
Class	II (double insulated)
Enclosure material	Polyamide, Impact resistant
Silicon free	Contains silicone
Type of connection cable	charging cable 110...240 V AC
Cable length	1.8 m
Width	92 mm
Height	143 mm
Length	279 mm
Lamp head tilting function	Front: 100°, rear: 90°
Enclosure colour	Black
Weight	1.83 kg
Weight	4.03 lb

### Components

Battery-Version	Lead-fleece battery, Maintenance-free, 6 V, 4.5 Ah
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### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Portable lamp

Charging unit

### Accessories

#### Belt hook



for fastening the portable lamp to the belt

#### Art. No.





212331

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Diffusing lens		Art. No.
	clear	212333
	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	211124

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

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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.