

## Portable Lamps Series L148

STAHL



- > For use in the safe area
- > Latest LED technology
- > Very high light intensity
- > Low weight
- > Lamp head pivoting by 190°
- > Main light continuously dimmable
- > Long battery life
- > Ergonomic one-hand operation

E2

LED



08379E00

www.stahl.de






WebCode L148A

# Portable Lamps

## Series L148

Selection Table

Version	Description	Order number	Weight kg
 <p>15752E00 Portable lamp with charging unit Series L148</p>	Portable lamp and charging unit (12 ... 30 V DC and 110 ... 240 V AC, 50 / 60 Hz) in a packaging set	<b>L148/1111-111</b>	1.800
 <p>15753E00 Portable lamp Series L148</p>	Portable lamp without charging unit	<b>L148/1111-100</b>	1.450
 <p>15754E00 Charging unit for portable lamp Series L148</p>	Charging unit (12 ... 30 V DC and 110 ... 240 V AC, 50 / 60 Hz)	<b>6148/0000-011</b>	0.380
Note	- Scope of delivery of portable lamp contains a clear lens - Scope of delivery of charging unit contains a charging cable for 110 ... 240 V AC		

### Technical Data

#### Certifications and certificates

Certificate for motor vehicles E1 10 R - 036569

#### Electrical data

Battery lead-fleece battery, maintenance-free, 6 V, 4.5 Ah

#### Service life

Battery  
 > 0.5 years at 50 °C  
 > 4 years at 25 °C

LED  
 > 50,000 h at 50 °C

#### Luminous characteristics

Lamps  
 main light, LED: 3 W  
 secondary light, LED: 0.5 W

Light intensity 24,000 cd

CCT 6500 K

Light distribution acc. to DIN 14642

Emergency light duration  
 main light: continuous duty: continuously on, typical 7 h  
 flashing mode: flashing up to 18 h  
 secondary light: continuous duty: continuously on, typical 50 h

#### Test function

Battery capacity Determination of the current battery capacity

#### Mechanical data

Degree of protection IP66 (IEC/EN 60589)

Enclosure material Polyamide, impact-strength

Head tilting toward the front: 100°, toward the back: 90°

Pushbutton main light ON - secondary light ON - main light FLASHING OFF

Charge state display The LEDs indicate the available capacity for approx. 5 seconds

#### Ambient conditions

Ambient temperature -20 ... +50 °C

Storage temperature -20 ... +50 °C

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### Technical Data

Charging unit	supply voltage: 110 ... 240 V AC, 50 / 60 Hz and 12 ... 30 V DC with emergency lighting function and automatic break device for motor vehicle operation with power supply cable for 110 ... 240 V AC, 50 / 60 Hz Optionally, a charging cable for motor vehicle operation for 12 ... 30 V DC is available.		
Charging current	at room temperature: charging process stand by power consumption < 1 W		
	12 V DC	max. 170 mA	
	24 V DC	max. 120 mA	
	110 V AC	max. 90 mA	
	240 V AC	max. 60 mA	
Charging time	approx. 11 h		
Function	Charging starts upon inserting the portable lamp into the charging unit - with voltage display via green LED		
Automatic break device	In motor vehicle operation, the car battery voltage is monitored. If the voltage of the car battery drops below 11.7 V and 23.5 V with a 12 V and 24 V battery, respectively, the charging process of the portable lamp will be interrupted automatically.		
Protection class	The automatic break device can be deactivated. II (with protective insulation)		
Enclosure material	polyamide, impact-resistant, black		
Mounting	wall or table mounting		
Connection cables	charging cable 110 ... 240 V AC: approx. 1.8 m long, with Europlug, 2-pin charging cable 12 ... 30 V DC: approx. 1.8 m long, with free ends, 2-pin		

E2





### Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Lense		clear	212333	0.014
	15769E00			
		orange	212334	0.012
	15768E00			
red		red	212956	0.012
	15770E00			
green		green	220306	0.013
	16228E00			
Connection cable		Charging cable 230 V with plug	120014	0.085
	10318E00			
		Charging cable 12 / 24 V with plug	212316	0.022
	14808E00			
Wall mounting bracket		for wall mounting of the charging unit	212332	0.260
	15078E00			
Belt hook		for fastening the portable lamp to the belt	212331	0.040
	15075E00			

## Portable Lamps

### Series L148

#### Accessories and Spare Parts

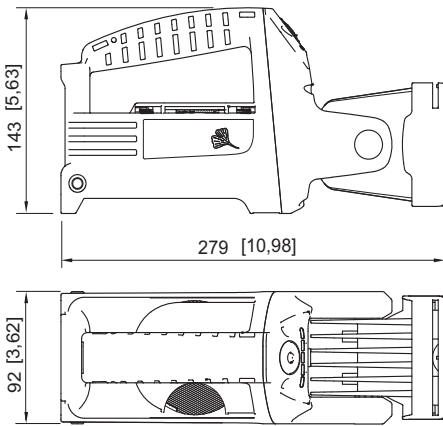
Designation	Figure	Description	Art. no.	Weight kg
Shoulder strap	 15077E	for carrying the portable lamp	<b>212702</b>	0.050
Adapter for third-party charging units	 15076E	for charging the portable lamp in the charging unit KFZ90 or LG443	<b>212701</b>	0.344
Battery	 14808E00	lead-fleece battery, maintenance-free, 6 V, 4.5 Ah	<b>225707</b>	0.720
Charging unit	 14805E00	charging unit (12 / 24 V DC and 230 V AC)	<b>225781</b>	0.380

# Portable Lamps

## Series L148

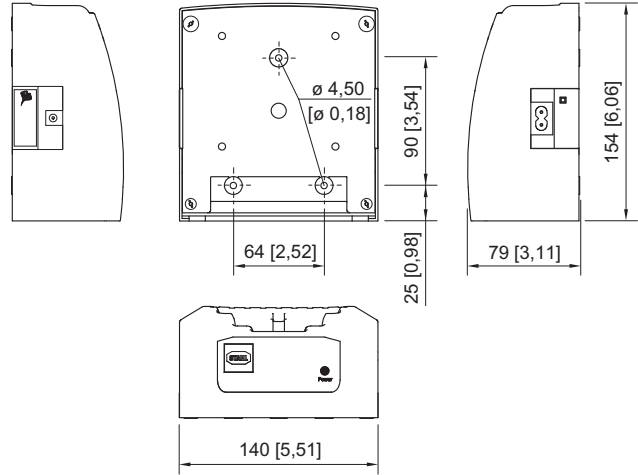


### Dimensional Drawings (All Dimensions in mm [inches]) - Subject to Alterations



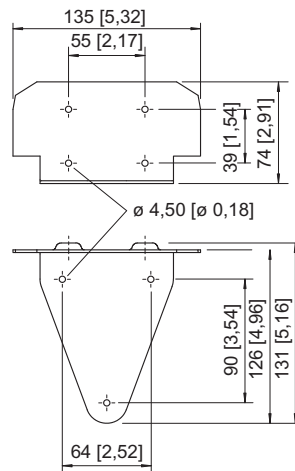
14754E00

Portable lamp



14753E00

Charging unit



14807E00

Drilling hole pattern for wall mounting bracket

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.