

03627E00

Repair Light Series 6149

- By using modern cold cathode tubes extrem long service lifetime
- Suitable as well for machine lighting
- Anti-roll design in the hand grip
- Adjustable light direction via suspension hook
- Life expectancy more than twice of normal fluorescent lamps

STAHL

Selection Table



Version	Rated voltage	Temperature class at $T_a =$			Ordering Code	Weight kg
		40 °C	50 °C	$T_{Omax.}$ at $T_a = 40$ °C		
Repair Light 6149, 2-lamps	12 V AC; 50/60 Hz	T4	T4	105 °C	6149/1-11-200	1,120
	12 V DC	T4	T4	115 °C	6149/1-21-200	1,115
	24 V AC; 50/60 Hz	T4	T4	105 °C	6149/1-31-200	1,120
	24 V DC	T4	T4	115 °C	6149/1-41-200	1,115
	110-230 V AC; 50/60 Hz	T4	T4	110 °C	6149/1-51-200	1,155
Repair Light 6149, 4-lamps	12 V AC; 50/60 Hz	T4	--	105 °C	6149/1-12-200	1,155
	24 V AC; 50/60 Hz	T4	--	105 °C	6149/1-32-200	1,155
	110-230 V AC; 50/60 Hz	T4	--	120 °C	6149/1-52-200	1,200

Note

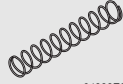
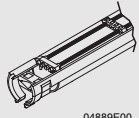
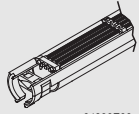
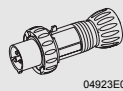

- The Repair Light is delivered with a 5 m long connection lead (optional other length of cable are possible)
- The Repair Light is delivered without a connector and wire guard. Please select them as accessories.

Zones 1 & 2, 21 & 22

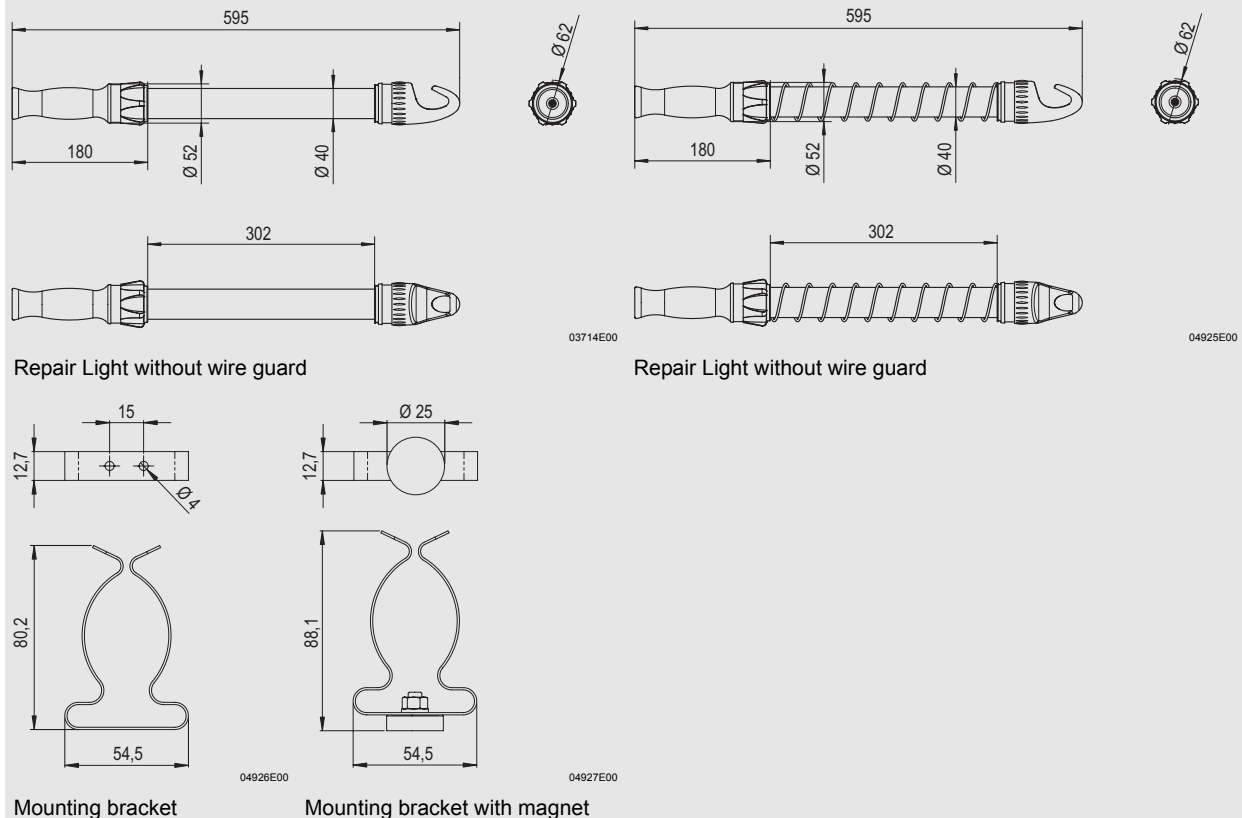
Technical Data		
Version	6149/1-.1 (2-lamps)	6149/1-.2 (4-lamps)
Explosion protection		
Gas explosion protection	II 2G Ex d IIC T4	II 2G Ex d IIC T4
Dust explosion protection	II 2 D Ex tD A21 IP 6X T _{O max} * * surface temperatures see selection table	II 2 D Ex tD A21 IP 6X T _{O max} * * surface temperatures see selection table
Certificates	PTB 07 ATEX 1009 IECEX PTB 07.0018	PTB 07 ATEX 1009 IECEX PTB 07.0018
Rated working voltage	12 V / 24 V / 110 - 230 V AC ± 10 %; 50/60 Hz 12 V / 24 V DC ± 10 %	12 V / 24 V / 110 - 230 V AC ± 10 %; 50/60 Hz 12 V / 24 V DC ± 10 %
Rated current	12 V AC 0.6 A 24 V AC 0.3 A 12 V DC 0.7 A 24 V DC 0.35 A 110 - 254 V AC 0.037 A	12 V AC 1.2 A 24 V AC 0.6 A
Ambient temperature range	- 20 °C ... + 50 °C	- 20 °C ... + 40 °C
Lamps	2 x CCFL 320 mm, cold cathode lamps	4 x CCFL 320 mm, cold cathode lamps
Light intensity	130 lux in 1 m distance	205 lux in 1 m distance
Luminous flux	ca. 400 lm	ca. 800 lm
Degree of protection	IP 66/67	IP 66/67
Protection class	II	II
Material		
Seals	NBR	NBR
Enclosure pipe	Polycarbonate	Polycarbonate
Rubber handle	NBR/PVC (EPDM)	NBR/PVC (EPDM)
Suspension hook	NBR/PVC (EPDM)	NBR/PVC (EPDM)
Connection cable	Standard: Connection cable, 5 m, Type H07RN-F, Ø 7.7 ... 10 mm, 2 x 1 mm ² Optional: Gifas Thermoflex cable, 5 m, Type HXSLHXÖ-J, Ø 7.7 ... 10 mm, 2 x 1.5 mm ² Helukabel with steel wire screening, Type SY-JZ, 2 x 1,5 mm ²	Standard: Connection cable, 5 m, Type H07RN-F, Ø 7.7 ... 10 mm, 2 x 1 mm ² Optional: Gifas Thermoflex cable, 5 m, Type HXSLHXÖ-J, Ø 7.7 ... 10 mm, 2 x 1.5 mm ² Helukabel with steel wire screening, Type SY-JZ, 2 x 1,5 mm ²
Cable entries	Standard: A2F, M 20 x 1.5 Ø 6.1 mm ... 11.7 mm Optional: 8163/2-20s-E1FXZ-M20, M20 x 1.5	Standard: A2F, M 20 x 1.5 Ø 6.1 mm ... 11.7 mm Optional: 8163/2-20s-E1FXZ-M20, M20 x 1.5

Accessories and Spare Parts				
Designation	Illustration	Description	Ordering code	Weight kg
Mounting bracket	 04880E00	Mounting bracket of galvanized sheet steel	614980980010	0,023
Mounting bracket and magnet	 04885E00	Mounting bracket of galvanized sheet steel and magnet	614980980020	0,050

Accessories and Spare Parts

Designation	Illustration	Description	Ordering code	Weight kg
Wire guard		External wire guard for additional mechanical protection	614990140010	0,200
Lamp holder with lamps, 2-lamps		for 6149/1-11-200 (12 V AC; 50/60 Hz)	614980740010	0,095
		for 6149/1-21-200 (12 V DC)	614980740020	0,090
		for 6149/1-31-200 (24 V AC; 50/60 Hz)	614980740030	0,095
		for 6149/1-41-200 (24 V DC)	614980740040	0,090
		for 6149/1-51-200 (110-230 V AC; 50/60 Hz)	614980740050	0,130
Lamp holder with lamps, 4-lamps		for 6149/1-12-200 (12 V AC; 50/60 Hz)	614980740060	
		for 6149/1-32-200 (24 V AC; 50/60 Hz)	614980740080	
		for 6149/1-52-200 (110-230 V AC; 50/60 Hz)	614980740100	0,175
Plug		8570/12-304 3 pins, 100 - 130 V, 50/60 Hz, 16 A	8570025090	0,310
		8570/12-306 3 pins, 200 - 250 V, 50/60 Hz, 16 A	8570020090	
		8575/12-100 2 pins, 20 - 25 V, 16 A	8575032090	0,200
		8575/12-110 2 pins, 20 - 25 V DC, 16 A	8575033090	

Dimension drawings (all dimensions in mm) - subject to alterations



We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

