



- Long-life, energy-saving, midpower LEDs embody design innovation
- For 110 to 240 V AC/DC, 24 to 48 V AC/DC or 12 V DC
- Standard version with diffuser for reduced glare and H07-RNF connection line, 2 x 1.5 mm²
- Further connection lines and connectors available as options

E2

MY R. STAHL 6149B



The 6149 inspection light is a versatile light that allows you to see into every corner. This is all down to its state-of-the-art LED technology, coupled with its long-life electronics, which have been developed in-house by R. STAHL and exhibit high energy efficiency and superior illuminance. The innovative design of the enclosure makes the light extremely slim and lightweight. Its lockable suspension hooks and practical anti-roll protection make it ideal for use in the workshop.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table							
Gas temperature class		T4					
Luminous flux		1396 lm					
Rated operational voltage DC	Rated operational voltage AC	Wire guard	Cable length	Ambient temperature	Product Type	Art. No.	Weight
24 ... 48 V	24 ... 48 V	Yes	10 m	-40 °C ... +60 °C	6149/2-3511-7011	274015	2.45 kg
110 ... 240 V	110 ... 240 V	No	5 m	-30 °C ... +60 °C	6149/2-5511-5010	273970	1.45 kg
		No	10 m	-30 °C ... +60 °C	6149/2-5511-7010	273995	2.28 kg
		No	20 m	-30 °C ... +60 °C	6149/2-5511-8010	273996	3.53 kg
12 V	-	No	5 m	-40 °C ... +40 °C	6149/2-2511-5010	273991	1.66 kg
		Yes	5 m	-40 °C ... +40 °C	6149/2-2511-5011	274013	1.83 kg
24 ... 48 V	24 ... 48 V	No	5 m	-40 °C ... +60 °C	6149/2-3511-5010	273969	1.45 kg
		No	10 m	-40 °C ... +60 °C	6149/2-3511-7010	273994	3.44 kg
		No	20 m	-40 °C ... +60 °C	6149/2-3511-8010	274016	3.22 kg
		Yes	5 m	-40 °C ... +60 °C	6149/2-3511-5011	273999	1.62 kg
		Yes	20 m	-40 °C ... +60 °C	6149/2-3511-8011	274003	3.7 kg
110 ... 240 V	110 ... 240 V	Yes	5 m	-30 °C ... +60 °C	6149/2-5511-5011	274007	1.83 kg
		Yes	10 m	-30 °C ... +60 °C	6149/2-5511-7011	274009	2.45 kg
		Yes	20 m	-30 °C ... +60 °C	6149/2-5511-8011	274006	3.7 kg

Selection Table

Gas temperature class		T6					
Luminous flux		1396 lm					
Rated operational voltage DC	Rated operational voltage AC	Wire guard	Cable length	Ambient temperature	Product Type	Art. No.	Weight
24 ... 48 V	24 ... 48 V	No	10 m	-40 °C ... +40 °C	6149/2-3611-7010	274033	2.28 kg
		Yes	10 m	-40 °C ... +40 °C	6149/2-3611-7011	274034	2.45 kg
110 ... 240 V	110 ... 240 V	No	5 m	-30 °C ... +40 °C	6149/2-5611-5010	274032	1.45 kg
		Yes	5 m	-30 °C ... +40 °C	6149/2-5611-5011	274038	1.83 kg
		No	10 m	-30 °C ... +40 °C	6149/2-5611-7010	274040	2.28 kg
		Yes	10 m	-30 °C ... +40 °C	6149/2-5611-7011	274039	2.45 kg
		No	20 m	-30 °C ... +40 °C	6149/2-5611-8010	274037	3.15 kg
		Yes	20 m	-30 °C ... +40 °C	6149/2-5611-8011	274043	3.7 kg



The inspection light is delivered without plug and wire guard. Specify the plug on order. See accessories and spare parts.





Variants without wire guard can be equipped with a wire guard at a later stage. See accessories and spare parts.

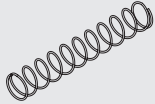
Technical Data

Variant	Gas temperature class T4	Gas temperature class T6
Explosion Protection		
IECEx gas explosion protection	Ex d IIC T4 Gb	Ex d IIC T6 Gb
IECEx dust explosion protection	Ex tb IIIC T100 °C Db	Ex tb IIIC T80 °C Db
ATEX gas explosion protection	Ⓜ II 2 G Ex d IIC T4 Gb	Ⓜ II 2 G Ex d IIC T6 Gb
ATEX dust explosion protection	Ⓜ II 2 D Ex tb IIIC T100 °C Db	Ⓜ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), IECEx (PTB)	ATEX (PTB), IECEx (PTB)
Declaration of Conformity	ATEX (EGK)	ATEX (EGK)
Lighting Data		
Lamp	Single-row LED	Single-row LED
Mechanical Data		
Degree of protection (IP)	IP66 / IP67	IP66 / IP67
Class	III	III
Enclosure material	Aluminium	Aluminium
Pipe material	Polycarbonate	Polycarbonate
Type of connection cable	H07RN-F 2x1.5 mm ²	H07RN-F 2x1.5 mm ²

Accessories

Figure	Description	Art. No.	Weight
Mounting bracket			
	Mounting bracket made from galvanised sheet steel (x 2 units); for design size 1	120535	48 g
Mounting bracket and magnet			
	Mounting bracket made from galvanised sheet steel with magnetic base (x 2 units); for design size 1	120536	100 g

Accessories			
Figure	Description	Art. No.	Weight
Plug			
	8570/12-304-S-XX-X-XX-XXX 3-pole plug, 100 to 130 V AC, 50/60 Hz, 16 A	272896	331 g
	8570/12-306-S-XX-X-XX-XXX 3-pole plug, 200 to 250 V AC, 50 / 60 Hz, 16 A	272898	331 g
	8573/12-200 2-pole, 20 to 25 V, 50 / 60 Hz, 16 A	243197	300 g
	8573/12-210 2-pole, 20 to 25 V, DC, 16 A	243203	300 g
	8573/12-300 3-pole, 20 to 25 V, 50 / 60 Hz, 16 A	243190	300 g
	8573/12-312 3-pole, 40 to 50 V, 50 / 60 Hz, 16 A	243195	300 g

Spare Parts			
Figure	Description	Art. No.	Weight
Wire guard			
	Stainless steel protective cage For additional mechanical protection	120509	170 g

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

