

Spot5WFL - Technical data



- High Power LED Spot for flash operation
- 1 high performance 5 Watt LED
- adjustable optic for focused or a very homogeneous illumination
 (WD: 100 mm Ø: 25...120 mm)
 (WD: 250 mm Ø: 50...250 mm)
- integrated illumination controller
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- adjustable flash times up to 220 µs
- different trigger modes
- robust industrial model, Aluminium casing, IP40
- M30,5 x 0,5 filter thread
- 150 mm cable with an M16 12-pin plug
- drag chain connection cable with an M16 12-pin socket in different lengths available as accessory *↪ please note page 211 of the main product catalogue*

LIFETIME
75.000h+

x=0,31
 y=0,31

365nm 400nm
 470nm 528nm
 625nm 850nm

Strobe / Flash

CONTROLLER
INSIDE

With the following table you can assemble your desired type of lighting:*

* A detailed product key explanation can be found on [Page 4](#) of the main product catalogue.

Available illumination variants		
Model	Illumination colour	Flash time
Spot5WFL	R IR850 W B G UV365 UV400	100 220

Operation mode	Flash	
Operation voltage	19...30 V DC	wide range voltage input
Max. current	0,2 A	at 24 V
Trigger modes	TTL / SPS	TTL: rising slope at trigger input, min. 2,8 V DC, max. 30 V DC SPS: rising slope at trigger input, min. 15 V DC, max. 30 V DC
Flash times	10 - 100 µs / 20 - 220 µs	adjustable with potentiometer, max. flash frequency 100 Hz or 35 Hz
Brightness regulation	Potentiometer / VC	Potentiometer: 0...100 % or VC: 0 - 100 % with VC-analogue input 2...10 V DC VC-voltage > 2 VDC -> potentiometer deactivated automatically, recommendation: turn the potentiometer fully anti-clockwise (left)
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing
Weight	0,15 kg	
Protection class	IP 40	
Connection	M16 12-pin plug	150 mm drag chain cable with an M16 12-pin plug, IP67

Pin arrangement M16 plug			
A+K	white	GND	GND Operation voltage
B+L	brown	U _B	Operation voltage
C	green	NC	NC
D	yellow	VC	Brightness regulation 2...10 V DC
E	grey	+Trigger TTL	TTL >3 V, rising slope
F	pink	+Trigger SPS	SPS >15 V, rising slope
G	blue	GND Trigger	GND trigger circuit
H	Shield	Shield	Shield connection
J	nc	NC	NC
M	nc	NC	NC



Price list: page 382 of the main product catalogue



T1-Adapter cable: starting on page 212 of the main product catalogue



Mounting solution: starting on page 221 of the main product catalogue

Spot5WFL - Technical drawing

