

# SHORT SPOT LIGHTS

Direct intensive illumination of distant objects and codes.



COMPACT DESIGN

HOMOGENOUS LIGHT FIELD

UNIVERSAL MOUNTING

ROUGH, METAL HOUSING

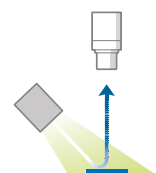
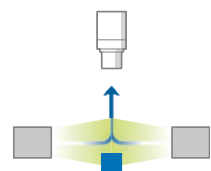
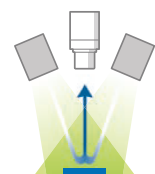
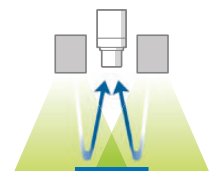
## CONFIGURATION

Ordering Code

<b>SP</b>	<b>26</b>	<b>R</b>	<b>18</b>	<b>S</b>
Spot Light	Ø of Active Area	wavelength	LED radiation angle	Short Model

model series	active illumination area	wavelength	LED radiation angle
SP-26W18S	26 mm	CTR 5000 K	18°
SP-26UV18S	26 mm	385 nm	18°
SP-26B18S	26 mm	470 nm	18°
SP-26G18S	26 mm	525 nm	18°
SP-26R18S	26 mm	625 nm	18°
SP-26IR18S	26 mm	850 nm	18°

## WAYS OF USE

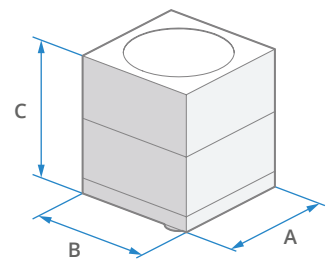


## BASIC ELECTRIC PARAMETERS

model		SP-26W18S	SP-26UV18S	SP-26B18S	SP-26G18S	SP-26R18S	SP-26IR18S
Voltage Span	$U_n$	7-28 V	7-28 V	7-28 V	7-28 V	7-28 V	7-28 V
Nominal Voltage	$U_{lm}$	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC
Nominal Current	$I_{lm}$	100 mA	100 mA	100 mA	100 mA	100 mA	100 mA
Max. Current	$I_{max}$	250 mA	250 mA	250 mA	250 mA	250 mA	250 mA
Trigger Voltage	$U_{trig}$	2,7 - 24 V	2,7 - 24 V	2,7 - 24 V	2,7 - 24 V	2,7 - 24 V	2,7 - 24 V
Trigger Current	$I_{trig}$	2,3 mA	2,3 mA	2,3 mA	2,3 mA	2,3 mA	2,3 mA
Input	P	2,4 W	2,4 W	2,4 W	2,4 W	2,4 W	2,4 W

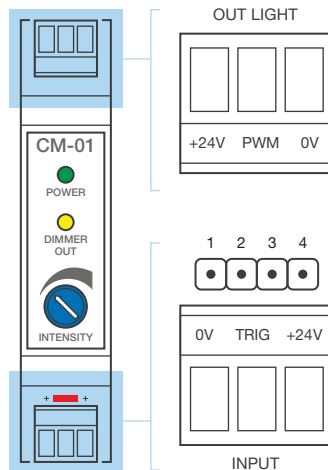
## DIMENSIONS AND WEIGHT

Model	A length (mm)	B width (mm)	C height (mm)	Weight
SP-26...	32,3	32	32	136 g



## CONTROLLER CM-01

Universal illumination intensity controller  
Trigger signal input

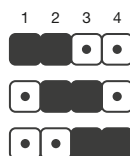


TERMINAL BOX OUTPUT "OUT LIGHT" – LIGHT CONNECTION

**Terminal +24 V** light positive pole  
**Terminal PWM** PWM signal  
**Terminal 0 V** light negative pole

TERMINAL BOX INPUT "INPUT" – POWER SUPPLY AND CONTROL SIGNAL CONNECTION

**Terminal +24 V** positive pole of 24 V DC Power Supply  
**Terminal 0 V** negative pole of 24 V DC Power Supply  
**Terminal TRIG** trigger signal from camera, PLC, etc.



CM-01 MODE OPTION

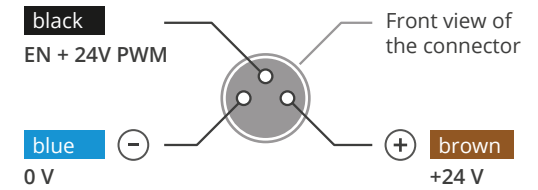
1 – 2 Enable – constant light  
 2 – 3 Not used  
 1 – 2 Invert trig – light during log 0 signal

## OVERALL BASIC INFORMATION

### Technical data

IP category	IP50
Protection Category	III
Ambient temperature	-20 – +40 °C
Isolation resistance	500 V
Housing material	Duralumin

## CONNECTOR PIN ASSIGNMENT



## ACCESSORIES INCLUDED

5 m straight cable

## OPTIONAL ACCESSORIES

5 m angular cable

UV 365 nm a 400 nm

LED radiation angle 10°

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