

SPOT LIGHTS

Direct intensive illumination of distant objects and codes.



COMPACT DESIGN

HOMOGENOUS LIGHT FIELD

UNIVERSAL MOUNTING

ROUGH, METAL HOUSING

INTEGRATED ANALOGUE CONTROL OF LIGHTING INTENSITY

INTEGRATED DIGITAL CONTROLLED OF STROBBING PULSES

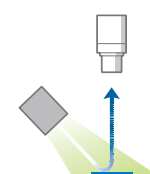
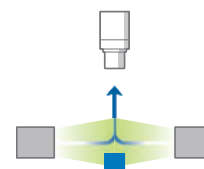
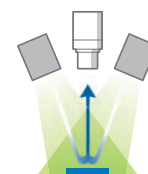
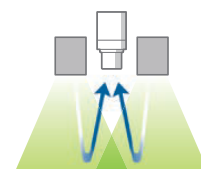
CONFIGURATION

Ordering Code

SP	26	R	18	4SA
Spot Light	Ø of Active Area	wavelength	LED radiation angle	4 - pin S - strobe function A - analog control

model series	active illumination area	wavelength	LED radiation angle	function
SP-26W18-4SA	26 mm	white	18° 10°	4SA
SP-26UV18-4SA	26 mm	365 385 400 nm	18° 10°	4SA
SP-26B18-4SA	26 mm	470 nm	18° 10°	4SA
SP-26G18-4SA	26 mm	525 nm	18° 10°	4SA
SP-26R18-4SA	26 mm	625 nm	18° 10°	4SA
SP-26HR18-4SA	26 mm	660 nm	18° 10°	4SA
SP-26IR18-4SA	26 mm	850 nm	18° 10°	4SA

WAYS OF USE

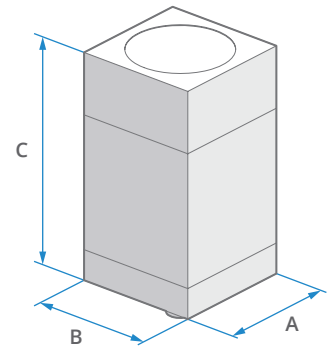


BASIC ELECTRIC PARAMETERS

model		SP-26IR-4SA	SP-26HR-4SA	SP-26R-4SA	SP-26G-4SA	SP-26B-4SA	SP-26W-4SA	SP-26UV-4SA
Voltage Span	U_n	12-28 V	12-28 V	12-28 V	12-28 V	12-28 V	12-28 V	12-28 V
Nominal Voltage	U_{im}	24 V	24 V	24 V	24 V	24 V	24 V	24 V
Nominal Current	I_{im}	150 mA	115 mA	113 mA	137 mA	119 mA	120 mA	125 mA
Max. Current	I_{max}	320 mA	260 mA	250 mA	310 mA	260 mA	260 mA	400 mA
Trigger Voltage	U_{trig}	10-24 V	10-24 V	10-24 V	10-24 V	10-24 V	10-24 V	10-24 V
Trigger Current	I_{trig}	2,3 mA	2,3 mA	2,3 mA	2,3 mA	2,3 mA	2,3 mA	2,3 mA
Input	P	3,6 W	2,8 W	2,7 W	3,3 W	2,9 W	2,9 W	3 W
Analogue Dimming	U_{EN}	$\geq 2,7 \dots \leq 10 V$	$\geq 2,7 \dots \leq 10 V$	$\geq 2,7 \dots \leq 10 V$	$\geq 2,7 \dots \leq 10 V$	$\geq 2,7 \dots \leq 10 V$	$\geq 2,7 \dots \leq 10 V$	$\geq 2,7 \dots \leq 10 V$
PWM Dimming	U_{EN}	$> 10 V \dots \leq 24 V$	$> 10 V \dots \leq 24 V$	$> 10 V \dots \leq 24 V$	$> 10 V \dots \leq 24 V$	$> 10 V \dots \leq 24 V$	$> 10 V \dots \leq 24 V$	$> 10 V \dots \leq 24 V$
Strobe Current	I_{str}	1,9 mA	1,9 mA	1,9 mA	1,9 mA	1,9 mA	1,9 mA	1,9 mA
Strobe Voltage	U_{str}	3 - 24 V	3 - 24 V	3 - 24 V	3 - 24 V	3 - 24 V	3 - 24 V	3 - 24 V
Peak Current Strobo	I_{pik}	300 mA	260 mA	250 mA	330 mA	280 mA	280 mA	
Peak Input Strobo	P_{pik}	7,2 W	6,2 W	6 W	7,9 W	6,2 W	6,2 W	
Ambient Temperature	t_a	-20 to +40 °C	-20 to +40 °C	-20 to +40 °C	-20 to +40 °C	-20 to +40 °C	-20 to +40 °C	-20 to +40 °C

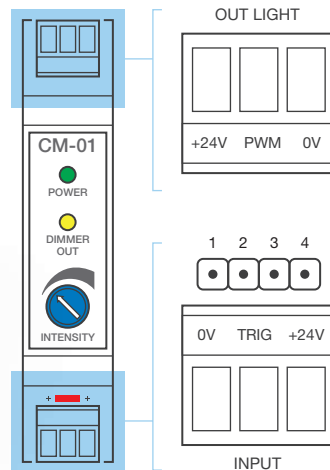
DIMENSIONS AND WEIGHT

Model	A length (mm)	B width (mm)	C height (mm)	Weight
SP-26...	32	32	59,5	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

ACCESSORIES INCLUDED

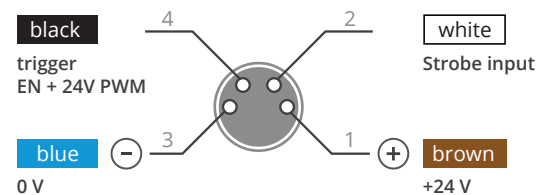
5 m straight cable

OPTIONAL ACCESSORIES

polarized diffuser, 5 m angular cable

CONNECTOR PIN ASSIGNMENT

Cable connector



Light connector

