

TSPOT 1

COMPACT & POWERFUL SPOTLIGHT

▶ LED ILLUMINATION ▶ CONFINED ENVIRONMENT ▶ AUTONOMOUS AND COMPACT SPOT LIGHT ▶ HIGH POWERFUL LIGHTING ▶ MACHINE VISION SYSTEM

ALL THE LED LIGHTING POWER IN AN AUTONOMOUS SPOT.

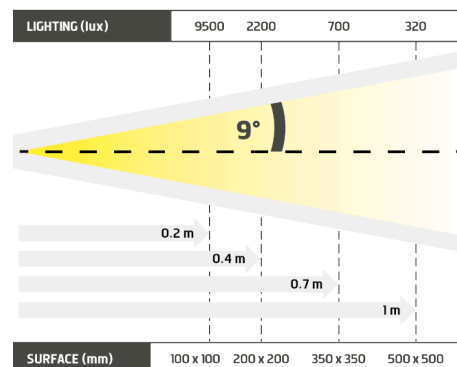


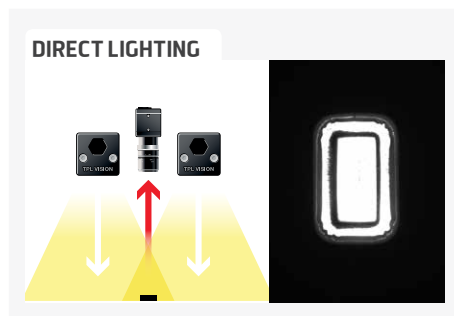
- ✓ Powerful and compact,
- ✓ autonomous,
- ✓ continuous or strobe modes.

The TSPOT 1 is a very powerful compact spot. Among TPL Vision's products, it belongs to the easy-to-use family : equipped with its own power supply with current control, it can be easily set up. Its powerful led, in directive intense or diffuse lighting, enables controls in confined spaces. It can be submitted to very high production rates. Everything in the TSPOT 1 has been studied for a simple and efficient use.

Distance	0.2m		0.4m		0.7m		1m	
TSPOT1-WH1	9500 lux	100 x 100 mm	2200 lux	200 x 200 mm	700 lux	350 x 350 mm	320 lux	500 x 500 mm

Minimum guaranteed values (white lighting measures)





TECHNICAL SPECIFICATIONS

Electronics	
Power supply	24 VDC $\pm 10\%$
Functioning mode	Continuous or strobe according to wiring
Maximum rising time	1.5ms
Maximum falling time	1ms
Wiring	M12 4 poles male connector
Maximum power	8.5W
Optics	
Colour	White, Red, Green, Blue, Infrared
Number of Leds	1
Lens by default	$\pm 9^\circ$
Mechanics	
Dimensions	23 x 20 x 13 mm
Weight (g)	70 g with power supply
Body materials	Black anodized aluminum
Fixing	2 holes for CHC M3 screws (not provided)
Environment	
Operating temperature	0 - 40°C
Storage temperature	0 - 60°C
IP protection	IP 40
Labels	RoHS-CE-WEEE

HOW TO BUILD YOUR REFERENCE

REQUIRED SETTINGS

TSPOT1

COLOUR

WHI

630

525

470

850

OPTIC ANGLE

9 $\pm 9^\circ$

EXAMPLES :
TSPOT 1 WHITE LED $\pm 9^\circ$:
TSPOT 1 RED LED $\pm 9^\circ$:
TSPOT 1 BLUE LED $\pm 9^\circ$:

RESULTS :
TSPOT1-WHI-9
TSPOT1-630-9
TSPOT1-470-9

ACCESSORIES

M12 female – 4 pins cable



2 meters	Ref: C-M12-4P-2M
5 meters	Ref: C-M12-4P-5M
10 meters	Ref: C-M12-4P-10M

Safety glasses



Ref: EYE-PROTECT

DIFFUSERS OR POLARISER

DIFFUSER

TSPOT1

DO	OPAQUE
DS	SATIN
POL	POLARISER

Opaque diffuser for TSPOT1 ➔ **DO-TSPOT1**
Satin diffuser for TSPOT1 ➔ **DS-TSPOT1**
Polariser for TSPOT1 ➔ **POL-TSPOT1**

DIFFUSERS AND POLARISER LABKIT

REF : **THLACCSP1**



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