



SPOT SBAR UV 365 & UV 385

EASY TO USE POWERFUL LIGHTING SPOT

▷ HIGH POWERFUL SPOT LIGHT

▷ ULTRAVIOLET LIGHTING

▷ UV365 & UV385

▷ GLUE AND PAINT DETECTION

▷ QUALITY CONTROL WITH CAMERA

A VERY POWERFUL SPOT IN A BAR SHAPE.



LIGHTING: **UV**
365 nm or 385 nm

- ✓ Compact spotlight,
- ✓ powerful lighting,
- ✓ easy to use.

M12 CONNECTOR

SOLID BODY

COLOURLESS ANODIZED
ALUMINIUM

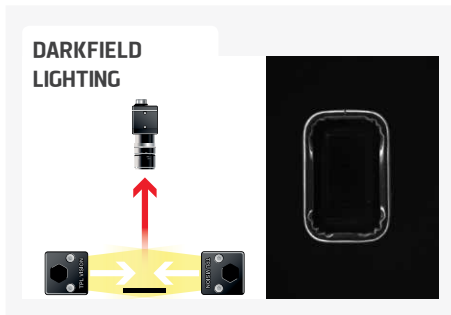
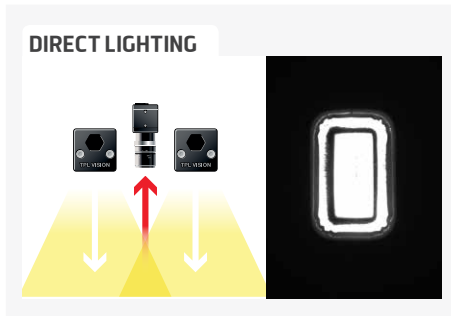
Integrated
current control
power supply

The Spot SBAR UV 365 (or UV 385) is a high powerful spot that can be easily fixed, thank to the groove located in the back of the body, just as you would do for a bar. Equipped with a 365 nm UV led (or a 385 nm UV led), it can perfectly light circular areas, including in places where the size is a real constraint.

The Spot SBAR UV 365 (or UV 385) is very useful to highlight any kind of product that reacts with ultraviolet light (glue, paint...). Thanks to this spot, you can easily control assembly defects, highlight materials lacks, and also read UV markings.

UV-INFO

In the light spectrum, UV (ultra violet) rays are electromagnetic radiations situated between 280 and 400 nm (visible radiations: between 400 and 800 nm). What makes UV very interesting is the fact that, even if it is invisible for the naked eye, it can be observed by fluorescence: when some bodies are submitted to UV wavelengths, they emit a visible light. This is the principle of black light and of counterfeit notes detection. TPL Vision only uses UV belonging to the UV-A range.



TECHNICAL SPECIFICATIONS

Electronics	
Power supply	24V +/-10%
Functioning mode	Continuous or strobe according to wiring
Maximum rising time	1.5 ms
Maximum falling time	1 ms
Wiring	M12 4 poles male connector
Max. Consumption	2 W
Optics	
Colour	UV 365 or UV 385
Standard lens	± 15°
Mechanics	
Dimensions	47 x 47 x 75 mm
Useful surface	45 x 35 mm
Weight	200 g
Materials	Colourless anodized aluminum
Diffuser	Transparent diffuser (glass)
Fixing	2 M8 nuts to insert in the back groove
Included add-ons	2 M8 nuts
Environment	
Operating temperature	0 - 40°C
Storage temperature	0 - 60°C
IP protection	IP 40
Labels	RoHS-CE-DEEE

RELATED PRODUCTS

Ask for your add-ons, customized for the Spot SBAR UV 365 & UV 385 :

- wiring
- safety glasses
- fixing hardware

MY CONTACT

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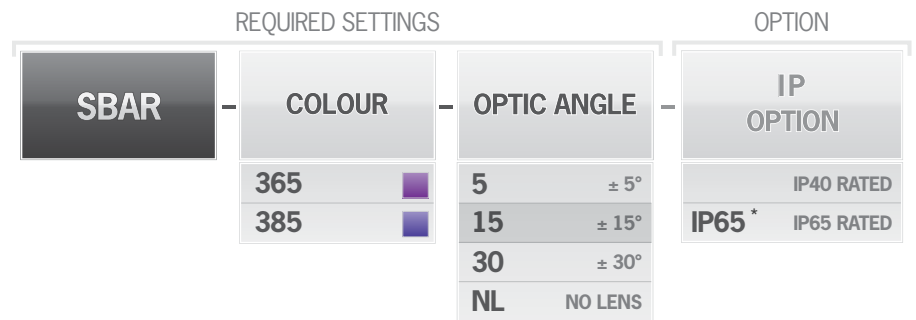
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HOW TO BUILD YOUR REFERENCE

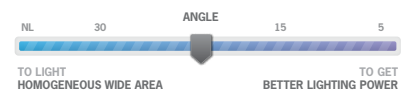


EXAMPLES

- SBAR LED UV 365 ± 5° IP40 RATED: → SBAR-365-5
 SBAR LED UV 385 ± 15° IP65 RATED: → SBAR-385-15-IP65
 SBAR LED UV 365 ± 30° IP40 RATED: → SBAR-365-30

RESULTS

INFORMATION ABOUT LENSES
 NARROW ANGLE = GIVE PRIORITY TO LIGHTING POWER
 WIDE ANGLE = GIVE PRIORITY TO HOMOGENEITY AND WIDE AREA



* Performance of IP65 Version of the product is different to IP40 rated version. Testing of the IP65 product via the free loan service is advised to assess suitability for your application.

Features and presentations liable to modifications without prior notice. C-2 version, 2017/12 Edition

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Other available documents :

- PDF, DWG, DXF, IGS, STEP & X_Y DRAWINGS
- USER'S GUIDE

SBAR UV 365 & UV 385

