

**FOR UV  
BRIGHTENERS  
REVELATION  
ON SHINY  
SURFACES**



## **S-COA UV**

**UV**

Coaxial Light  
UV 405 nm

Operating surface 50 x 50 mm

Strong anodised Aluminium body

**TPL**  
**VISION**  
Active LEDs solutions

[www.tpl-vision.net](http://www.tpl-vision.net)



**UV405nm - Coaxial light 50x50 mm**



**Description :**

Produces an homogeneous and diffuse light. Useful to emphasize planarity levels of a product, for reactive UV ink detection of glues or junctures.

**How to use it :**

Place the COAX light above the product. The camera will read the product through the window of the coaxial light.

**Products highlights :**

UV405 version of the S-COAX55.  
Useful for applications demanding an optic agent detection with a high production rate on shiny products.






**Common applications :**

UV reactive material detection. (money paper, glues, paints...)

**Caution :**

**Respect the screws' dimensions for fixing. (read user's guide)**  
**Use the pane of glass on the camera side with caution.**

**Optional accessories :**

	M8 3 poles female cable - 2 m	<b>C-M8-3P-2M</b>
	M8 3 poles female cable - 5 m	<b>C-M8-3P-5M</b>
	M8 3 poles crooked female cable - 2 m	<b>C-CA-M8-3P-2M</b>
	M8 3 poles crooked female cable - 5 m	<b>C-CA-M8-3P-5M</b>
	Power supply strobe rail Din (I<1A)	<b>STRTPL1000-DIN</b>
	2 channels Power supply rail din	<b>SWRTPPL1000-DIN</b>
	Power supply Gardasoft (I>1A)	<b>PP500</b>


**Order reference :**

Coaxial light 50x50 mmUV 405nm	<b>S-COA55-405-SE</b>
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**Order references in relation with the product :**

Coaxial light 50x50 mm High Power	<b>S-COA55-xxx-SE</b>
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<b>S-COA55-405-SE</b>	<b>Comments</b>
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<b>Electric specifications</b>	
<b>Caution SE product : must be powered using constant current regulator</b>	
Max continuous current	700 Ma
Max strobed current	2.1 A
Max on time strobed mode	500 ms
Max duty cycle strobed mode	10 %
Wiring	Male M8 3 poles connector
<b>Mechanical specifications</b>	
Number of LEDs	12
Dimensions	95 x 55 x 62.5 mm
Illumination window	50 x 50 mm
Weight	280 g
Material	Black anodized aluminium
Colours available (nm)	<b>405</b> 
Mounting options	4 M4 screws not provided
Included accessories	/
<b>Environment</b>	
Operating temperature	0-40°C
Storage temperature	0-60°C
IP class	IP40
Labels	RoHS - CE - DEEE

**Other documents available online :**

- Product plans (pdf, dwg, dxf, igs, step and x\_t)
- Plug in and settle up documents