



**FOR UV
BRIGHTENERS
REVELATION
ON WIDE
SHINY
SURFACES**

**LARGE SIZE
300 MM INNER
DIAMETER**

DOME UV

UV

Dome shaped
Light UV 405 nm

UV Power LEDs inside

Dome illuminator

Indirect and diffuse light

**TPL**
VISION
Active LEDs solutions

www.tpl-vision.net

**POWER LEDS UV 405 nm
DOME LIGHT**



Description :

Reflected light, which means indirect and diffuse illumination.

Useful to **avoid shadows** on a non plane surface area and also to **emphasize planarity levels** for a product, when **ink detection of glues or junctures reactive to UV is needed**.

How to use it :

Place the dome upon the product, dome's hole being above the product.





Products highlights :

This product offers a high uniformity quality, better than a XBAR-405-DOM system.

Common applications :

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

Optional accessories :

	M8 3 poles female cable - 2 m	C-M8-3P-2M
	M8 3 poles female cable - 5 m	C-M8-3P-5M
	M8 3 poles crooked female cable - 2 m	C-CA-M8-3P-2M
	M8 3 poles crooked female cable - 5 m	C-CA-M8-3P-5M


Order reference :

Dome Ø300mm UV 405nm	DOM30-405
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Other references in relation with the product :

LEDs Dome Ø300mm	DOM30-XXX
« y » LEDs linear light for dome use	XBAR(y)-xxx-DOM

	DOM30-405	Comments
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Electric specifications		
Power supply	24 VDC	+/- 10%
Power consumption	18W	
Strobe signal frequency	300 hz	SWRTPL1000
Maximum rise time	1.5 ms	Continuous or strobe
Maximum fall time	1 ms	Continuous or strobe
Wiring	1 or several M8 3 Poles connectors	1 or several M8 3 Poles connectors
Mechanical specifications		
Number of LEDs	18	
Inner diameter	300 mm	
External cluttering	Ø400mm x 182mm height	Ø400mm x 182mm height
Weight	1 500 g	
Material	White diffuser	Aluminium base
Colours available (nm)	405	
Mounting options	Holes provided at angles (screws not provided)	
Included accessories	/	
Environment		
Operating temperature	0-40°C	
Storage temperature	0-60°C	
Labels	RoHS - CE - DEEE	

Other documents available online :

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