



**SPECIAL FOR
FOOD INDUSTRY
IP67**

**INNER
DIAMETER
FITS ALL
CAMERA
CATEGORIES**

**WATERPROOF
IP67**

STAINLESS STEEL RING LIGHT

DEMANDING ENVIRONMENT

Stainless Steel Ring Light

Strong product thanks to its
strong stainless steel body

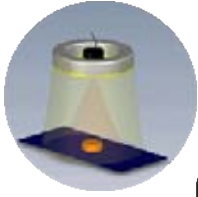
Its cooling system allows a
safe operation up to 40°C

5 wavelenghts available

**TPL**
VISION
Active LEDs solutions

www.tpl-vision.net

FULL STAINLESS STEEL RING LIGHT



Description :

Useful for directive light of a circular huge area in a demanding environment.
It can powerfully and uniformly illuminate a 1 meter wide area located up to 2 meters away.
With Focalizing lenses, these rings are able to illuminate 800 mm wide area located up to 4m away.

How to use it :

Set it around the camera lens. Do not put the light closer than 250 mm from the product to be checked.

Products highlights :

TPL Vision's 12 power LEDs ring light is the only product which offers concentrated power light and fickleness in terms of colours and angles in a stainless steel housing. Available in aluminium for standard environments .

Common applications :

Robotics : useful to locate large products during packaging (tires, cheese, canned food, drums, etc.) ;
Quality controls.

Optionnal 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
White diffuser for ring light	DO-ANNU
Polarizer for ring light	POL-ANNU

Order reference :

12 LEDs stainless steel ring light	ANNU12-xxx-I
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Order references in relation with the product :

12 LEDs aluminium ring light	ANNU12-xxx-A
12 LEDs stainless steel ring light UV 405nm	ANNU12-405-I

	ANNU12-xxx-I	Comments
Electric specifications		
Power supply	24 VDC	+/- 10%
Power consumption	12W	22W for IR
Working mode	1s	
Maximum power in the LED	350 mA	1A for IR
Mx. Duty cycle	20%	
Strobe signal frequency	300 Hz max	
Maximum rise time	1,5 ms	
Maximum fall time	1 ms	
Wiring	M8 3 poles connector	
Mechanical specifications		
Number of LEDs	12	
Dimensions	ø 58 x ø 112 x 28 mm	
Weight	650 g	
Material (body)	Stainless steel 304L	
Material (protector)	Transparent diffuser	
Luminosity : Distance/ Power	50cm/3500 Lux	
Uniformity : covered surface area / Homogeneity	ø30cm/80%	50 cm away
Optic angle full	34°	20° WHI
Other Lenses available	FOC(14°) - 50° - DOM(90°)	
Colours available	WHI 630 470 525 850	
Mounting options	4 M3 screws	Not provided
Included accessories	/	
Environment		
Operating temperature	0-40°C	
Storage temperature	0-60°C	
IP class	IP66	
Labels	RoHS - CE - DEEE	

Other documents available online :

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