ALUD40

Direct Ringlight

Used to light non reflecting objects from the axis of the camera. They provide a huge amount of light and can be used to light objects to a further distance than those of diffused light. They stand out textures and edges.

LIGHTING TECHNIQUE

Lighting mode:	Direct
Light source:	30 LEDs high intensity
Colour (nm):	See table 1
LED life:	100.000 hours

MECHANICAL

LxWxH:	See external plane
Mounting:	2 (M4) & 3 (M5 DIM913)
Housing material:	Black anodized aluminium
Weight:	160 grs.

ELECTRICAL

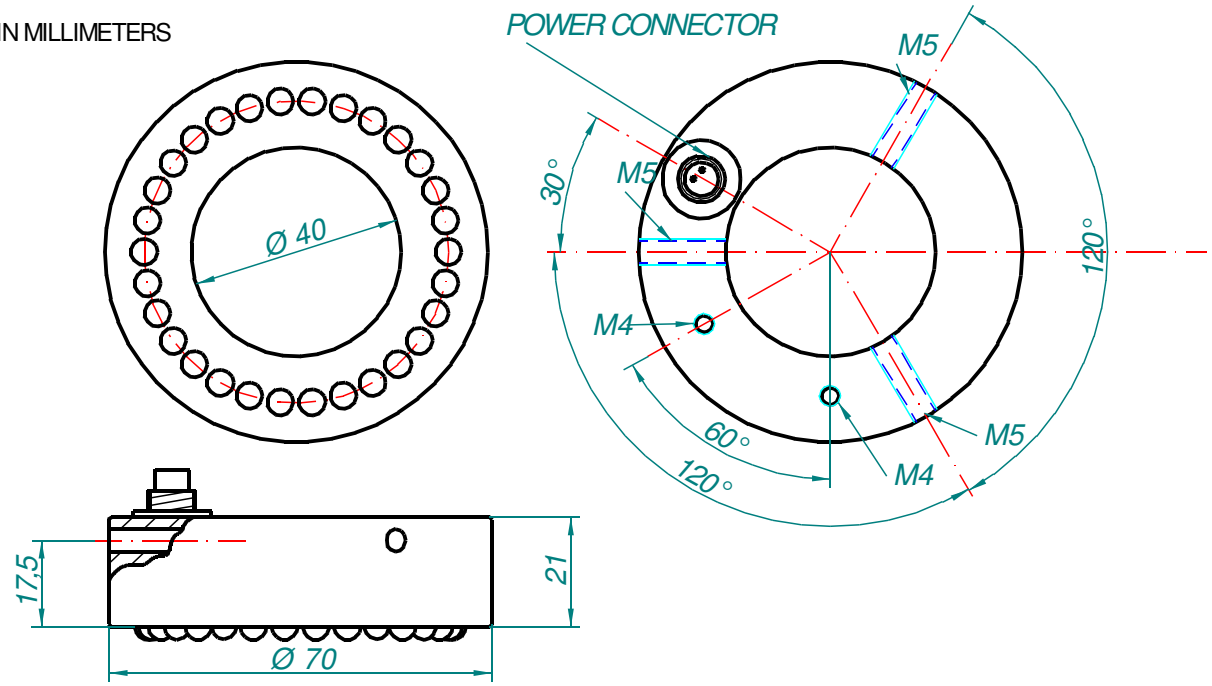
Max. power supply:	24VDC (Continuous models)
Max. consumption:	150mA
Wire include:	IL00AA (See table 2)
Wire terminal:	Brown -> 24VDC
	Blue -> 0V (GND)

ENVIRONMENTAL

Max. Operating Humidity:	95% non-condensing
Operating temp:	0..40ºC
Storage temp:	0..60ºC

EXTERNAL PLANE

ALL UNITS IN MILLIMETERS



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MODELS

Table 1.

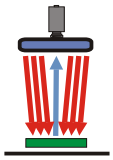
Ligth colour	Wavelength	Type	Reference
Red	660nm	Continuous	IL006AA
Red	660nm	Strobe	IL006AS
Near infrared	880nm	Continuous	IL006AN
Near infrared	880nm	Strobe	IL006AM
Infrared	940nm	Continuous	IL006AI
Infrared	940nm	Strobe	IL006AJ
White	-----	Continuous	IL006AB
White	-----	Strobe	IL006AC
UV	400nm	Continuous	IL006AU
UV	400nm	Strobe	IL006AW
Others	-----	????	Consult

COMPLEMENTS

Table 2.

Complement	Type	Reference
Wire 1.8 m	Wire	IL000AA
Wire 2.5 m	Wire	IL000AB
Wire 4.0 m	Wire	IL000AC
Strobe controller with 3 outputs	Strobe	IL004BB

LIGHTING MODES



RADIAL DOWN LIGHT (STRONG LIGHT)

When the lighting comes from all the perimeter of the axis of the camera, it reduces shadows, softens textures and minimizes the influence of fissures, dust and faults that the object can have. The down light, due to the small opening of the beam, makes the system can be employed for further distances of the object and provides a great quantity of light.
Ideal for the detection of marks of different colours, characters and detection of everything that supposes a change of colour in flat bright surfaces as in rough ones in high distances.