

The ringlight allows to light objects from the axis of the camera, being adaptive to different optics and several areas of supervision..

The frontal light allows the lighting of objects without lustre, giving images of high intensity and contrast, standing out textures.

To avoid shadows or reflects, you can have a diffused frontal light, suitable to uniform textures and minimize reflections.



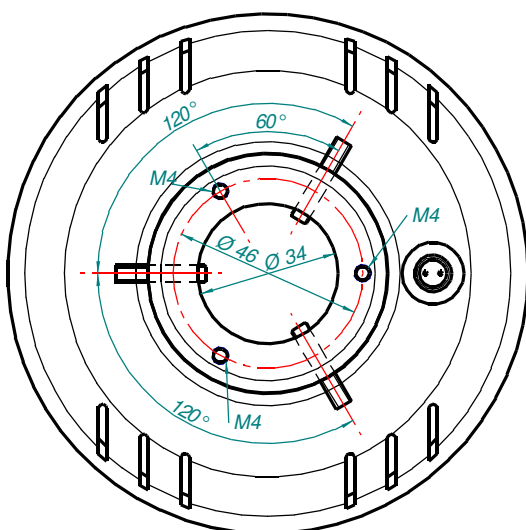
### LIGHTING TECHNIQUE

Lighting mode: Diffuse and Direct\*  
 Light source: 100..110 LEDs high intensity  
 Colour (nm): See table 1  
 LED life: 100.000 hours

### ELECTRICAL

Max. power supply: 24VDC (Continuous models)  
 Max. consumption: 540mA  
 Wire include: 1L00AA (See table 2)  
 Wire terminal: Brown -> 24VDC  
 Blue -> 0V (GND)

### EXTERNAL PLANE

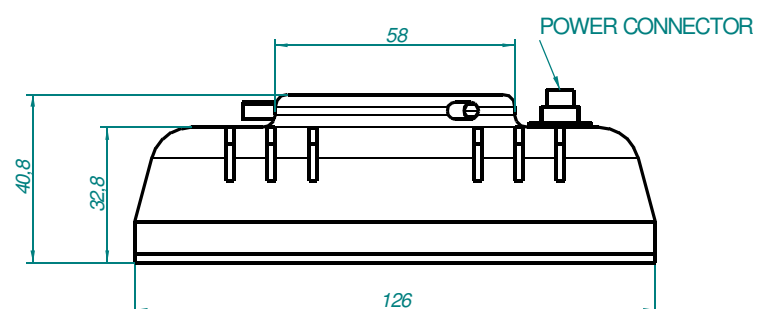


### MECHANICAL

LxWxH: See external plane  
 Mounting: 3 (M4) & 3 (M5 DIM913)  
 Housing material: Black anodized aluminium  
 Weight: 400 grs.

### ENVIRONMENTAL

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



Note:  
 \*Under request. Useful to enlighten distant objects.

### MODELS

Table 1.

Light colour	Wavelength	Type	Reference
Red	660nm	Continuous	IL005CA
Red	660nm	Strobe	IL005CS
Near infrared	880nm	Continuous	IL005CN
Near infrared	880nm	Strobe	IL005CM
Infrared	940nm	Continuous	IL005CI
Infrared	940nm	Strobe	IL005CJ
White	-----	Continuous	IL005CB
White	-----	Strobe	IL005CC
UV	400nm	Continuous	IL005CU
UV	400nm	Strobe	IL005CW
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 whit 3 outputs	Strobe	IL004BB

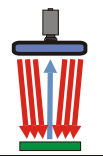
### LIGHTING MODES



#### DIFFUSE RADIAL LIGHT (SOFT 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 when it gets the image.

Ideal for the detection of marks of different colours, characters and the detection of everything that supposes a change of colour in flat bright surfaces as in rough ones.



#### RADIAL DOWN LIGHT (STRONG LIGHT) Under request

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.