

The ringlight allows the illumination of objects from the axis of the camera, which can be easily adapted 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 reflections, a diffused frontal light is available which is suitable for the use on uniform textures and to minimize reflections.



ALS

**LIGHTING TECHNIQUE**

**Lighting mode:** Diffuse  
**Light source:** 256 high intensity LEDs  
**Colour (nm):** See table 1  
**LED life:** Until 100.000 hours

**MECHANICAL**

**LxWxH:** See external plane  
**Mounting:** 7 (ø4.25 mm through)  
**Housing material:** Black anodized aluminium  
**Weight:** 895 g

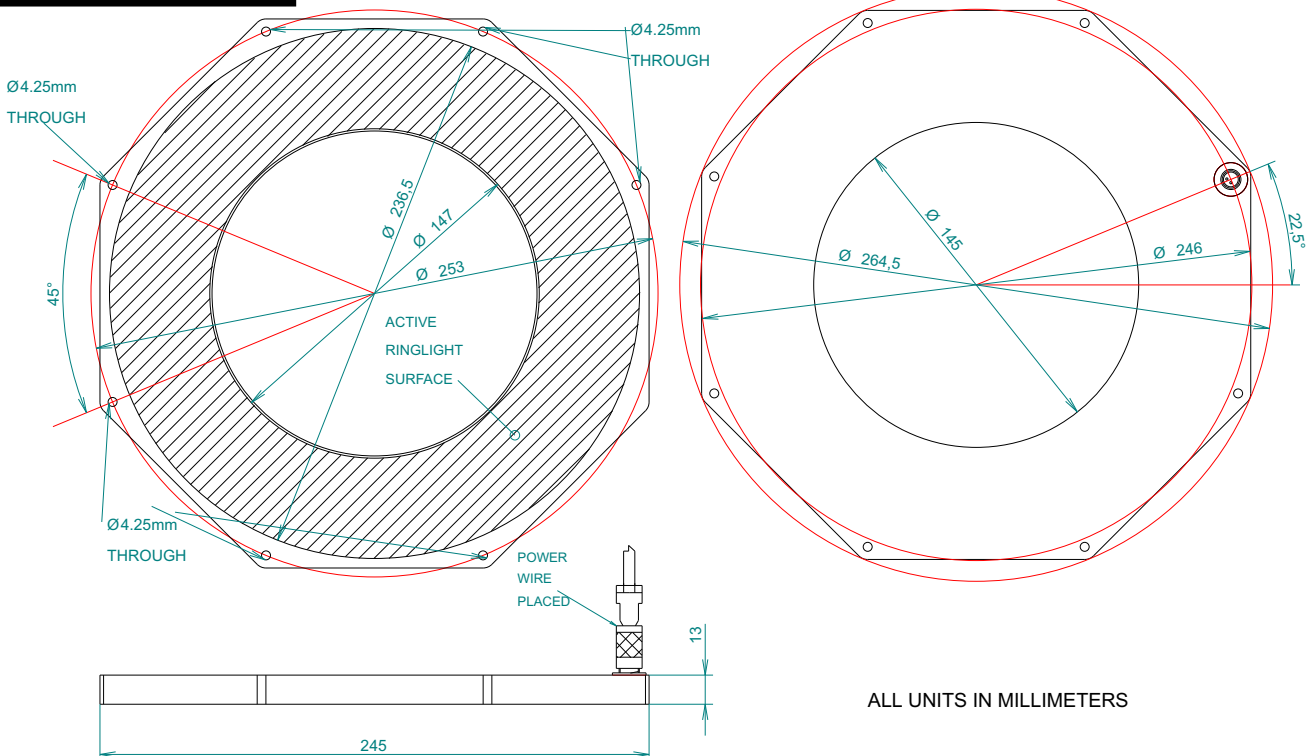
**ELECTRICAL**

**Max. power supply:** 24VDC (Continuous models)  
**Max. consumption:** 950mA (white model)  
**Wire include:** VCB018 (See table 2)  
**Wire terminal:** Brown -> 24VDC  
 Blue -> 0V (GND)

**ENVIRONMENTAL**

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

**EXTERNAL PLANE**



### MODELS

Table 1.

Ligth colour	Wavelength	Type	Reference
Blue	470nm	Continuous	ALS2315A-470C
Blue	470nm	Strobe	ALS2315A-470S
Green	525nm	Continuous	ALS2315A-525C
Green	525nm	Strobe	ALS2315A-525S
Red	630nm	Continuous	ALS2315A-630C
Red	630nm	Strobe	ALS2315A-630S
White	-----	Continuous	ALS2315A-W00C
White	-----	Strobe	ALS2315A-W00S
Others	-----	----	Consult

### COMPLEMENTS

Table 2.

Complement	Type	Reference
Wire 1.8 m	Wire	VCB018
Wire 2.5 m	Wire	VCB025
Wire 4.0 m	Wire	VCB040
Strobe controller whit 3 outputs	Strobe	VST33I

### 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 influency of fissures, dust and faults that the object can have when it captures the image. Ideal for the detection of different coloured marks, characters and the detection of everything that supposes a change of colour on flat bright surfaces as well as on rough ones.