

High intensity led array, to cover wide zones or illuminate from great distances.

Depending of the set collocation we can use them as a darkfield (standing out the small relief and cracks) or like a downlight illuminator.

Thermal protection save it of the high temperatures.



**LIGHTING TECHNIQUE**

**Lighting mode:** Direct  
**Light source:** 12 LEDs 1W high intensity  
**Colour (nm):** See table 1  
**LED life:** Until 80.000 hours

**MECHANICAL**

**LxWxH:** See external plane  
**Mounting:** 4 (M4)  
**Housing material:** Black anodized aluminium  
**Weight:** To confirm

**ELECTRICAL**

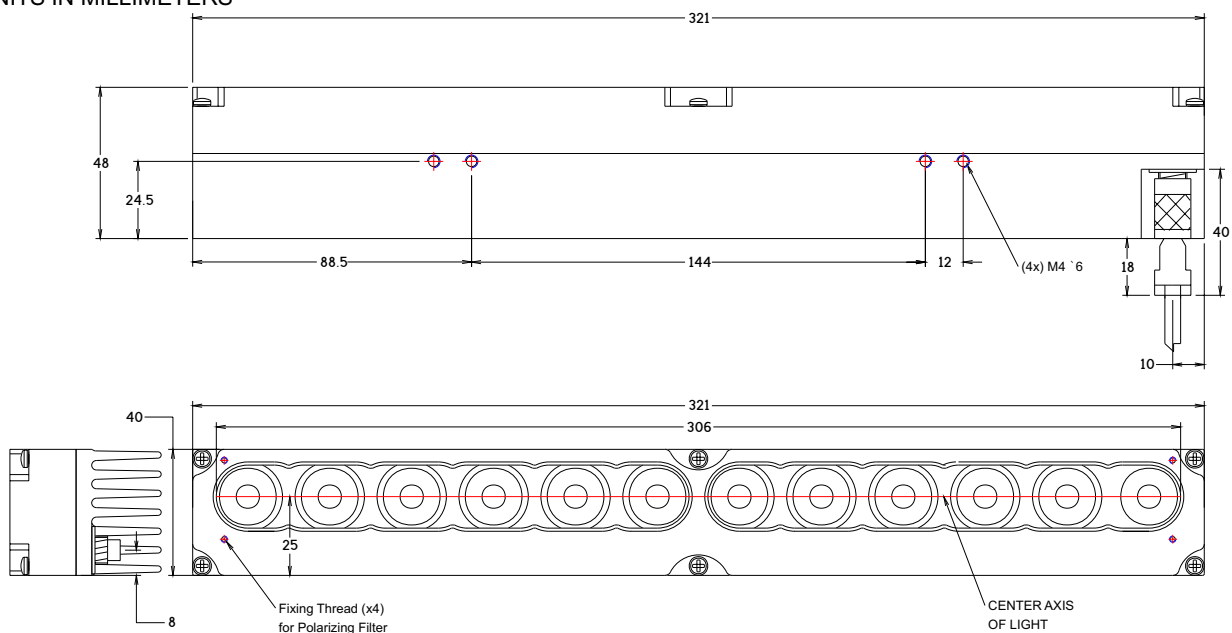
**Max. power supply:** 24VDC (Continuous models)  
**Max. consumption:** 1400mA  
**Wire include:** VCC018 (See table 3)  
**Wire terminal:** Red -> 24VDC  
 Blue -> 0V (GND)  
 Green -> ON/OFF Control  
 (ON: GND - OFF: Open)

**ENVIRONMENTAL**

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

**EXTERNAL PLANE**

ALL UNITS IN MILLIMETERS



PLC

### MODELS

Table 1.

Ligth colour	Wavelength	Type	Reference*
Blue	470nm	Continuous	PLC1231A-470C/Ax
Green	525nm	Continuous	PLC1231A-525C/Ax
Red	630nm	Continuous	PLC1231A-630C/Ax
White	-----	Continuous	PLC1231A-W00C/Ax
Others	-----	----	Consult



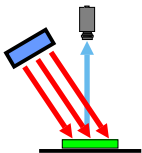
This system can be polarized. Add /FPL at the end of the reference for request it.

### COMPLEMENTS

Complement	Type	Reference
Wire 1.8 m	Wire	VCC018
Wire 3.0 m	Wire	VCC030
Wire 5.0 m	Wire	VCC050

### LIGHTING MODES

#### DOWN LIGHT PUNCTUAL LIGHTING (HARD)



The light produced by the leds array reaches directly the object. It produces a great contrast and emphasizes the textures, reliefs and fissures of the lighted object. Because any relief, even a small one, produces a very defined shadow. The incidence light angle regarding the lighting plane will determine the degree of the relief's projection. For very small angles regarding the horizontal, the light will produce shadows in the reliefs of the piece. For angles near 90° with regard to the horizontal, the shadow will be visible just in great reliefs. Its use is ideal for the detection of pieces and objects and its correct placement, in the detection of edges, scratches or fissures in a certain direction.