

These systems allow light, from the camera axis by a diffused light, objects for inspection, avoiding shadows and reflections.

It uses an opening of 50 x 50 mm and using LEDs of high luminosity, converting it into one with the highest luminosity system on the market.



### LIGHTING TECHNIQUE

**Lighting mode:** Diffuse Axial  
**Light source:** 40 high intensity LEDs  
**Colour (nm):** See table 1  
**LED life:** Until 100.000 hours

### ELECTRICAL

**Max. power supply:** 24VDC (Continuous models)  
**Max. consumption:** 125mA  
**Wire include:** 1.8m  
**Wire terminal:** Brown -> 24VDC  
 Blue -> 0V (GND)

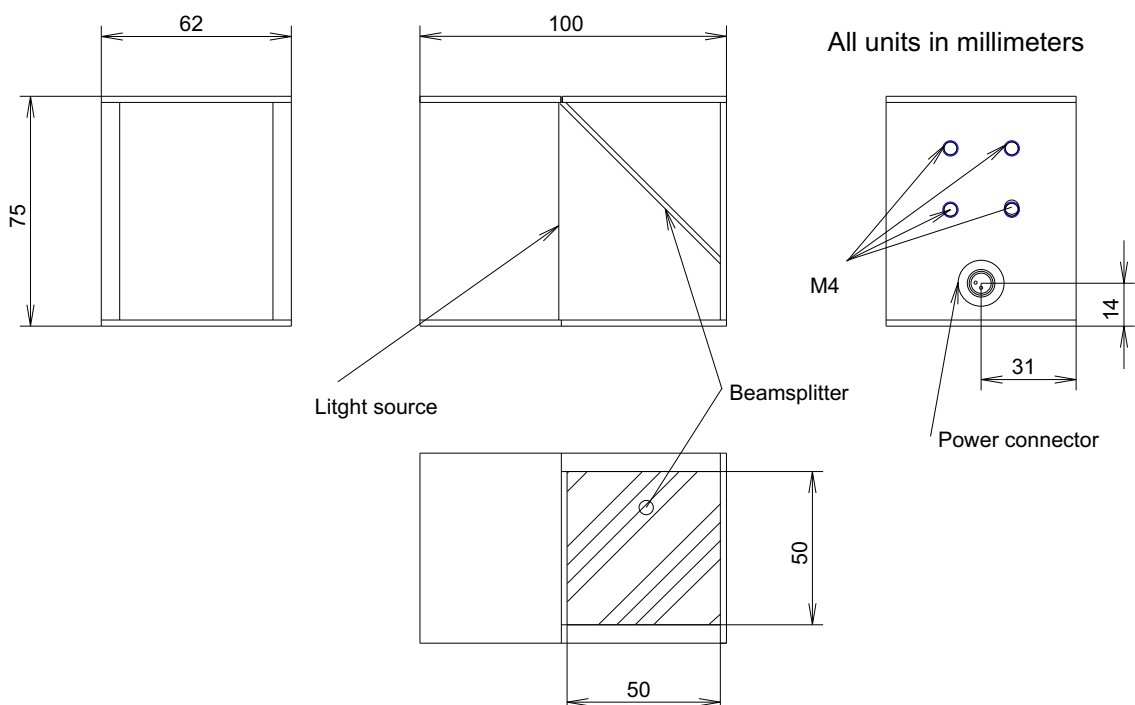
### MECHANICAL

**LxWxH:** See external plane  
**Mounting:** 4 (M4)  
**Housing material:** Black anodized aluminium  
**Weight:** 500 g

### 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	SAX0505A-470C
Blue	470nm	Strobe	SAX0505A-470S
Green	525nm	Continuous	SAX0505A-525C
Green	525nm	Strobe	SAX0505A-525S
Red	630nm	Continuous	SAX0505A-630C
Red	630nm	Strobe	SAX0505A-630S
White	-----	Continuous	SAX0505A-W00C
White	-----	Strobe	SAX0505A-W00S
Others	-----	----	Consult

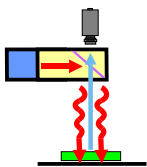
### COMPLEMENTS

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
Protector filter	Filter	VPTSAX0505

### LIGHTING MODES

#### DIFFUSE AXIAL LIGHT



As the light comes from the same axis of the camera, the projected shadow picked up by the camera because it's produced vertically. In shiny flat surfaces, the camera would see reflected its own objective if this method of lighting weren't used. So that, this equipment is indicated to check shiny flat surfaces and deep cavities.