

These systems allow light, from the camera axis by a diffused light, objects for inspection, avoiding shadows and reflections. It uses an opening of 100 x 100 mm and using LEDs of high luminosity, converting it into one with the highest luminosity system on the market. We offer the possibility of personalizing your axial lighting system, increasing or decreasing the quantity of light, making uniform the projected area, by using different wavelengths.



LIGHTING TECHNIQUE

Lighting mode: Diffuse Axial
Light source: 128 high intensity LEDs
Colour (nm): See table 1
LED life: Until 100.000 hours

MECHANICAL

LxWxH: See external plane
Mounting: 4 (M4)
Housing material: Black anodized aluminium
Weight: 1550 g

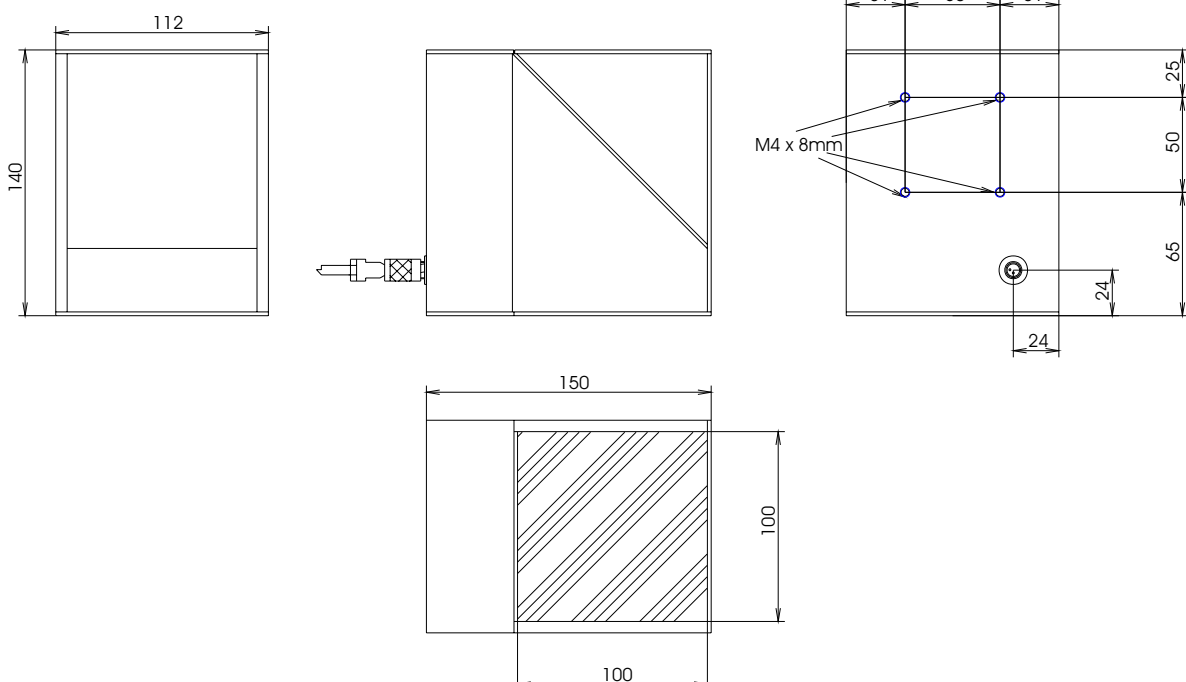
ELECTRICAL

Max. power supply: 24VDC (Continuous models)
Max. consumption: 500mA (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.

Light colour	Wavelength	Type	Reference
Blue	470nm	Continuous	SAX1010B-470C
Blue	470nm	Strobe	SAX1010B-470S
Green	525nm	Continuous	SAX1010B-525C
Green	525nm	Strobe	SAX1010B-525S
Red	630nm	Continuous	SAX1010B-630C
Red	630nm	Strobe	SAX1010B-630S
White	-----	Continuous	SAX1010B-W00C
White	-----	Strobe	SAX1010B-W00S
Others	-----	----	Consult

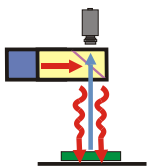
COMPLEMENTS

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 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.