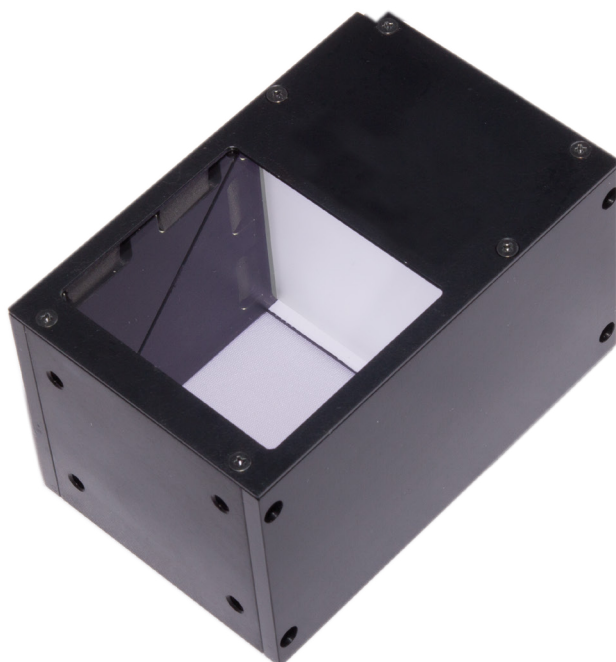




Direct

Uniform

**Without
reflections**

Precise



effiCOAX

Coaxial lighting

INTRODUCTION

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PART NUMBERING

STANDARD VERSION

EFFI-COAX	- XXX	- Z
	Optical length (mm)	Wavelength (nm)
	030	● B (470)
	050	● G (525)
	070	● R (630)
	100	○ W (000)

GENERAL SPECIFICATIONS



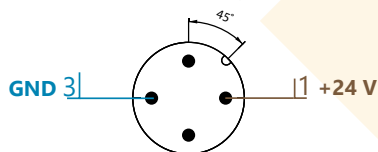
Illumination Mode	Continuous
Wavelengths	White, Red (630nm), Green (525nm), Blue (470nm)
Input current	see the corresponding table (page 4/5)
Power Consumption	see the corresponding table (page 4/5)
Connector(s)	M12 - 4 pins
Weight	Between 90g and 420g
Dimensions	see mechanicals specifications
Operation environment	Temperature: 0°C to 40°C - Humidity: 20 to 85%RH (with no condensation) - Altitude: Up to 2000m
Storage environment	Temperature: -20° to 60°C - Humidity: 20 to 85%RH (with no condensation)
Informations	Overvoltage category I - Protective class III - Pollution degree 3
Regulations & Marking	CE - UKCA
Environmental Standards	RoHS Directives (2011/65/EU, 2015/863/EU and China RoHS) - REACH Regulation - WEEE Regulation
Country of Origin	France

ELECTRONICAL SPECIFICATIONS

CONTACT ARRANGEMENT

All the products of the EFFI range are supplied with a 24V DC constant voltage.

M12 4pins - male connector



Notes: Please use within 24V, otherwise it may cause temperature rise or could diminish the lifetime.

POWER CONSUMPTION

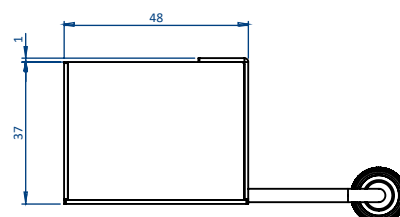
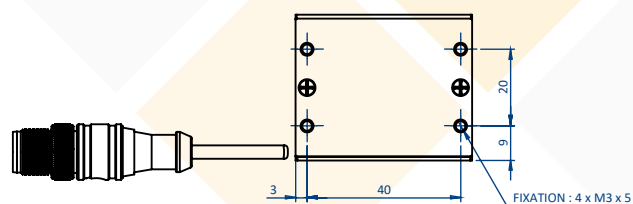
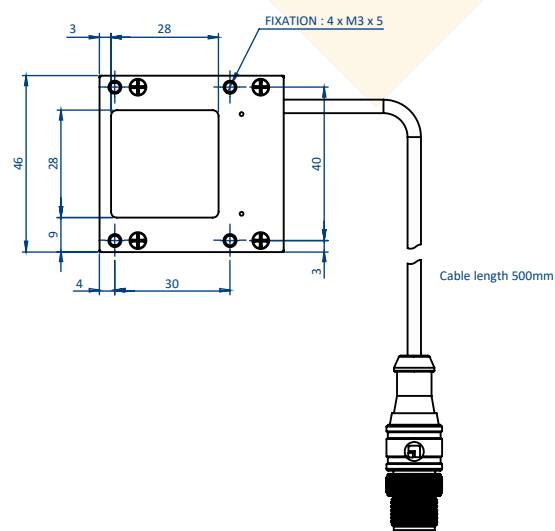
	Wavelength	
	Red (630nm), Green (525nm), Blue (470nm)	White
EFFI-COAX-030-Z	3.2W	5.3W
EFFI-COAX-050-Z	9.1W	13W
EFFI-COAX-070-Z	13W	21W
EFFI-COAX-100-Z	22W	36W

INPUT CURRENT

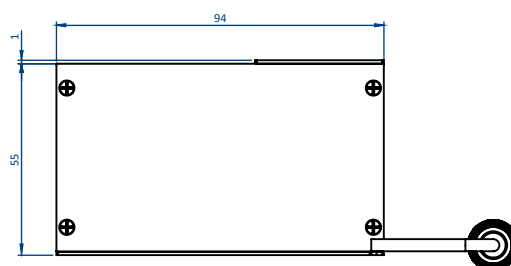
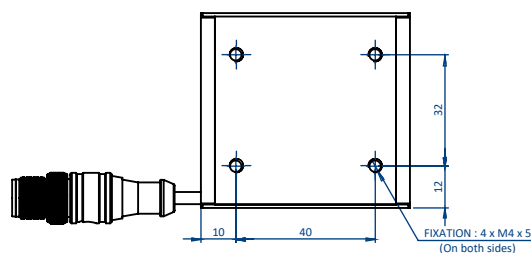
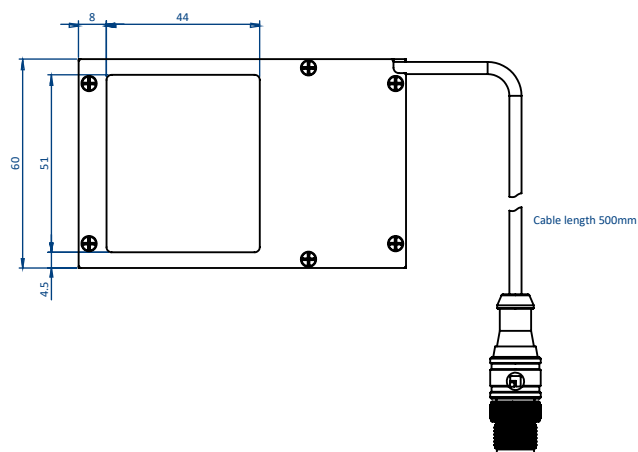
	Wavelength	
	Red (630nm), Green (525nm), Blue (470nm)	White
EFFI-COAX-030-Z	130mA	210mA
EFFI-COAX-050-Z	380mA	540mA
EFFI-COAX-070-Z	480mA	800mA
EFFI-COAX-100-Z	840mA	1400mA

MECHANICAL SPECIFICATIONS (DIMENSIONS IN MM)

EFFI-COAX-030-Z



EFFI-COAX-050-Z



Technical drawing of the 1000mm x 1000mm table, showing dimensions and cable management details.

Top View Dimensions:

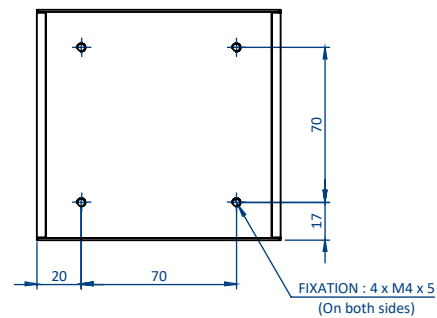
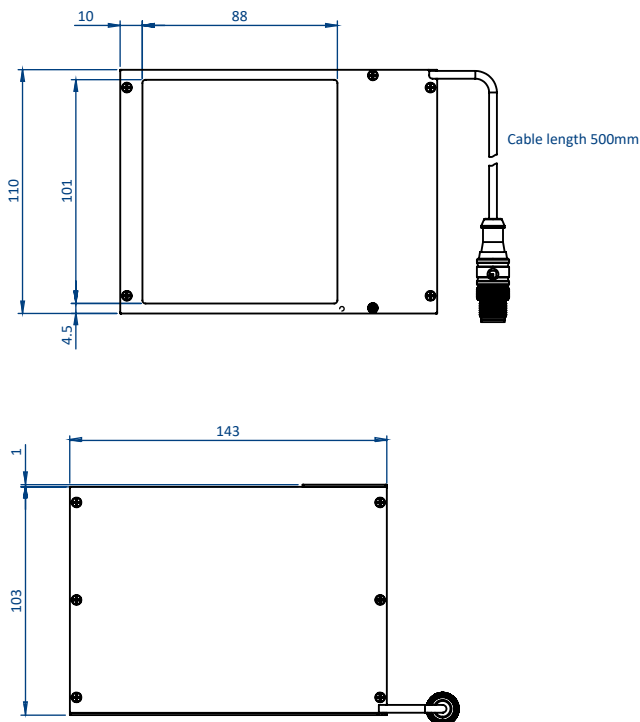
- Overall width: 1000mm
- Overall depth: 1000mm
- Inner rectangular cutout dimensions: 620mm (width) x 840mm (depth)
- Distance from top edge to cutout top: 10mm
- Distance from left edge to cutout left: 75mm
- Distance from bottom edge to cutout bottom: 4.5mm

Side View Dimensions:

- Overall width: 1160mm
- Overall depth: 760mm
- Distance from top edge to cutout top: 1mm

Cable Management Details:

- A cable management system is shown on the right side, consisting of a vertical cable sleeve and a horizontal cable sleeve.
- The vertical cable sleeve is labeled "Cable length 500mm".
- The horizontal cable sleeve is labeled "Cable length 500mm".
- The cable management system is shown in two views: a side view and a top view.



Please refer to the specific documentation (datasheet, user manual and drawing) for complementary information. Contents of this document are based on information available as of August -2025 and may be changed without prior notice.



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DATASHEET-V2.0-EFFI-COAX