



**Compact
LED bar**

**Adjustable
emission angle**



effiLSBR

Small LED Bar

INTRODUCTION

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PART NUMBERING

STANDARD VERSION

EFFI-LSBR	- XXX	- Y	- Z
	Optical length (mm)	Number of rows	Wavelength (nm)
	025	2	● B (470)
	030	3	● G (525)
	050	6	● R (630)
	... Every 25mm		● I (940)
	500		○ W (000)
	... Every 50mm		
	1000		

GENERAL SPECIFICATIONS



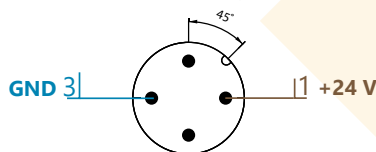
Illumination Mode	Continuous
Wavelengths	White, Red (630nm), Green (525nm), Blue (470nm), IR (940nm)
Input current	see the corresponding table (page 4/5)
Power Consumption	see the corresponding table (page 4/5)
Connector(s)	M12 - 4 pins
Weight	20g
Dimensions	see mechanicals specifications
Operation environment	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 & INPUT CURRENT

2 OR 3 ROWS

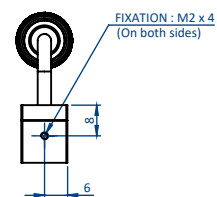
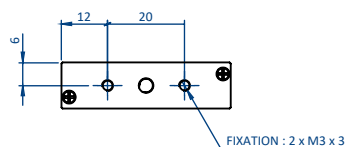
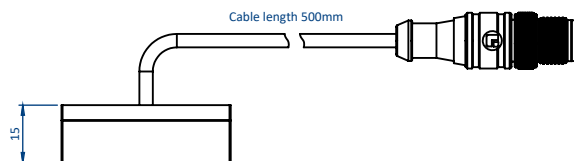
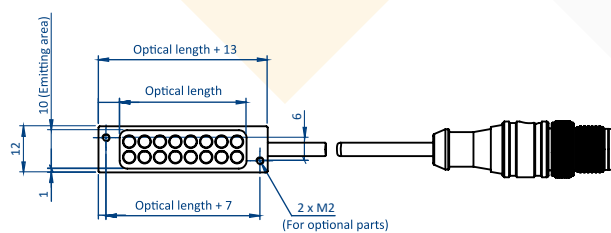
	Wavelength			
	Red (630nm), Green (525nm), Blue (470nm), IR (940nm)		White	
	Power consumption	Input current	Power consumption	Input current
EFFI-LSBR-030-2-Z	1.3W	50mA	2.1W	80mA
EFFI-LSBR-050-3-Z	1.6W	60mA	2.6W	100mA
EFFI-LSBR-100-3-Z	3.1W	120mA	5.2W	200mA
EFFI-LSBR-150-3-Z	4.6W	180mA	7.8W	300mA
EFFI-LSBR-200-3-Z	6.1W	240mA	11W	400mA
EFFI-LSBR-250-3-Z	7.6W	300mA	13W	500mA
EFFI-LSBR-300-3-Z	9.1W	360mA	16W	600mA
EFFI-LSBR-350-3-Z	11W	420mA	18W	700mA
EFFI-LSBR-400-3-Z	13W	480mA	21W	800mA
EFFI-LSBR-450-3-Z	14W	540mA	24W	900mA
EFFI-LSBR-500-3-Z	16W	600mA	26W	1000mA
EFFI-LSBR-550-3-Z	17W	660mA	28W	1100mA
EFFI-LSBR-600-3-Z	19W	720mA	31W	1200mA
EFFI-LSBR-650-3-Z	20W	780mA	33W	1300mA
EFFI-LSBR-700-3-Z	22W	840mA	36W	1400mA
EFFI-LSBR-750-3-Z	23W	900mA	38W	1500mA
EFFI-LSBR-800-3-Z	25W	960mA	41W	1600mA
EFFI-LSBR-850-3-Z	26W	1000mA	43W	1700mA
EFFI-LSBR-900-3-Z	28W	1100mA	46W	1800mA
EFFI-LSBR-950-3-Z	31W	1150mA	48W	1900mA
EFFI-LSBR-1000-3-Z	31W	1200mA	51W	2000mA

6 ROWS

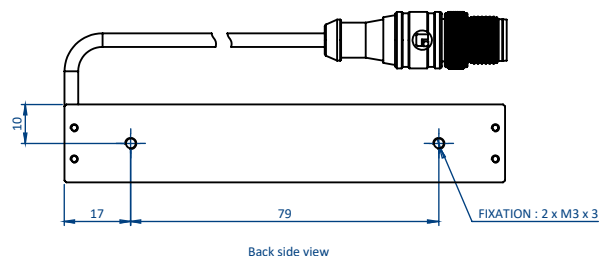
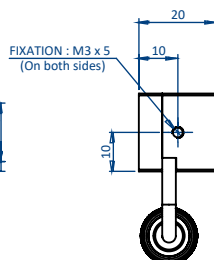
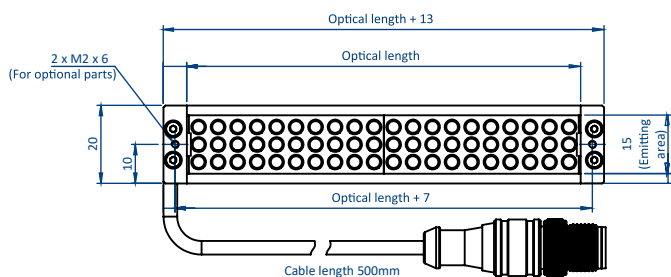
	Wavelength			
	Red (630nm), Green (525nm), Blue (470nm), IR (940nm)		White	
	Power consumption	Input current	Power consumption	Input current
EFFI-LSBR-025-6-Z	1.6W	60mA	2.1W	80mA
EFFI-LSBR-050-6-Z	3.1W	120mA	4.1W	160mA
EFFI-LSBR-075-6-Z	4.6W	180mA	6.1W	240mA
EFFI-LSBR-100-6-Z	6.1W	240mA	7.1W	320mA
EFFI-LSBR-125-6-Z	7.6W	300mA	11W	400mA
EFFI-LSBR-150-6-Z	9.1W	360mA	13W	480mA
EFFI-LSBR-175-6-Z	11W	420mA	15W	560mA
EFFI-LSBR-200-6-Z	13W	480mA	17W	640mA
EFFI-LSBR-225-6-Z	14W	540mA	19W	720mA
EFFI-LSBR-250-6-Z	16W	600mA	21W	800mA
EFFI-LSBR-275-6-Z	17W	660mA	23W	880mA
EFFI-LSBR-300-6-Z	19W	720mA	25W	960mA
EFFI-LSBR-325-6-Z	20W	780mA	27W	1040mA
EFFI-LSBR-350-6-Z	22W	840mA	29W	1120mA
EFFI-LSBR-375-6-Z	23W	900mA	31W	1200mA
EFFI-LSBR-400-6-Z	25W	960mA	33W	1300mA
EFFI-LSBR-425-6-Z	26W	1000mA	35W	1360mA
EFFI-LSBR-450-6-Z	28W	1080mA	37W	1440mA
EFFI-LSBR-475-6-Z	29W	1140mA	39W	1520mA
EFFI-LSBR-500-6-Z	31W	1200mA	41W	1600mA

MECHANICAL SPECIFICATIONS (DIMENSIONS IN MM)

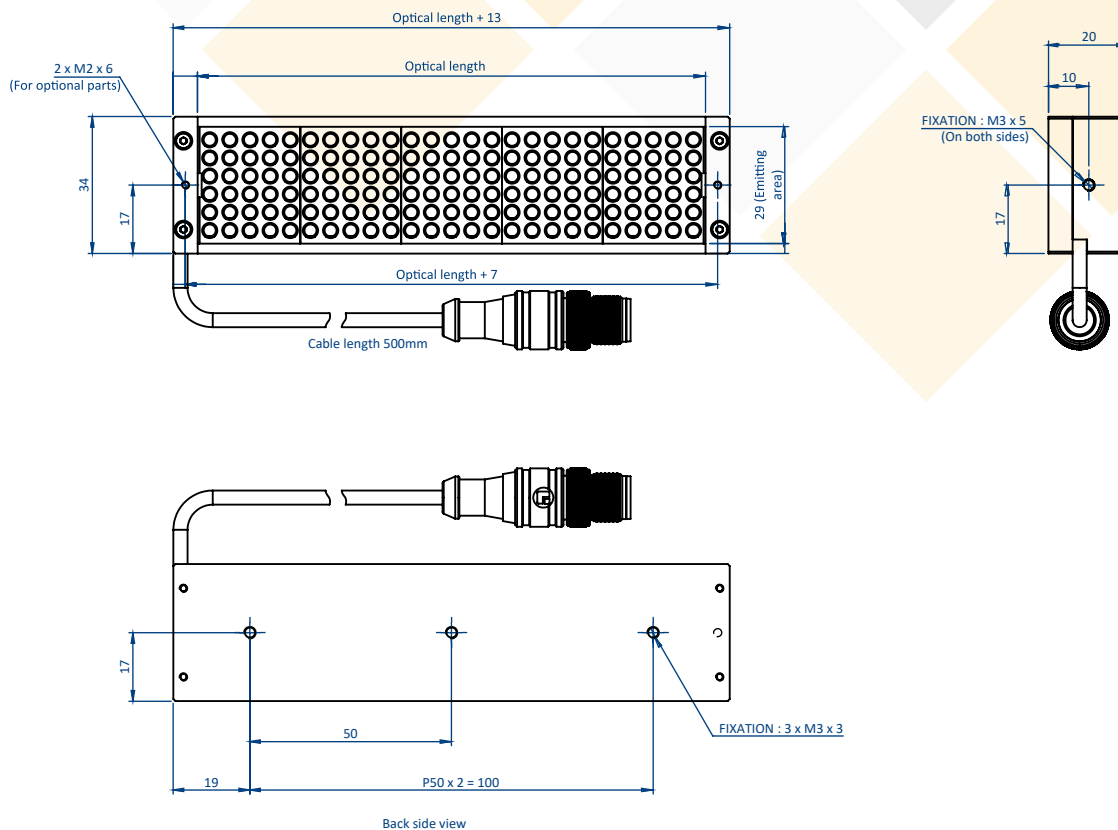
EFFI-LSBR-XXX-2-Z



EFFI-LSBR-XXX-3-Z



EFFI-LSBR-XXX-6-Z



CONTACT INFORMATION

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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