



Direct

Low angle

Darkfield

**Glare
controlled**



effiRLSW

Ring lighting

INTRODUCTION

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PART NUMBERING

STANDARD VERSION

EFFI-RLSW	- XX	- YYY	- Z
	Angle	Product diameter	Wavelength (nm)
	00	030	● B (470)
		040	● G (525)
		050	● R (630)
		070	● I (940)
		090	○ W (000)
	60	070	
		075	
		125	
		175	

GENERAL SPECIFICATIONS



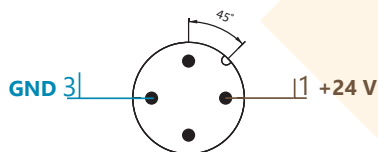
Illumination Mode	Continuous
Wavelengths	White, Red (630nm), Green (525nm), Blue (470nm), Infrared (940nm)
Input current	see the corresponding table (page 4)
Power Consumption	see the corresponding table (page 4)
Connector(s)	M12 - 4 pins
Weight	Between 40g and 160g
Dimensions	see mechanicals specifications
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

	Wavelength			
	Red (630nm), Green (525nm), Blue (470nm), IR (940nm)		White	
	Power consumption	Input current	Power consumption	Input current
EFFI-RLSW-00-030-Z	1.6W	60mA	2.6W	100mA
EFFI-RLSW-00-040-Z	2.2W	80mA	3.2W	130mA
EFFI-RLSW-00-050-Z	3.1W	120mA	4.7W	180mA
EFFI-RLSW-00-070-Z	5.8W	230mA	7.8W	300mA
EFFI-RLSW-00-090-Z	11W	420mA	13W	500mA

	Wavelength			
	Red (630nm), Green (525nm), Blue (470nm), IR (940nm)		White	
	Power consumption	Input current	Power consumption	Input current
EFFI-RLSW-60-070-Z	4.6W	180mA	7.8W	300mA
EFFI-RLSW-60-075-Z	9.1W	360mA	16W	600mA
EFFI-RLSW-60-125-Z	13W	500mA	20W	750mA
EFFI-RLSW-60-175-Z	22W	860mA	33W	1300mA

MECHANICAL SPECIFICATIONS (DIMENSIONS IN MM)

EFFI-RLSW-00-YYY-Z

EFFI-RLSW-00-030-Z	EFFI-RLSW-00-040-Z
FIXATION : 4 x M3 x 3 (P.C.D. 20) Cable length 500mm 16 32	FIXATION : 4 x M3 x 3 (P.C.D. 28) Cable length 500mm 18 32
EFFI-RLSW-00-050-Z	EFFI-RLSW-00-070-Z
FIXATION : 4 x M3 x 3 (P.C.D. 40) Cable length 500mm 16 30	4 x M3 x 3 (P.C.D. 50) Cable length 500mm 20 70
EFFI-RLSW-00-090-Z	
FIXATION : 4 x M3 x 3 (P.C.D. 70) Cable length 500mm 20 90	

EFFI-RLSW-60-070-Z	EFFI-RLSW-60-075-Z
EFFI-RLSW-60-125-Z	EFFI-RLSW-60-175-Z

ACCESSORIES

Polarizer
EFFO-RLSW-POL-00-030
EFFO-RLSW-POL-00-040
EFFO-RLSW-POL-00-050
EFFO-RLSW-POL-00-070
EFFO-RLSW-POL-00-090

Accessory support
EFFM-RLSW-00-030
EFFM-RLSW-00-040
EFFM-RLSW-00-050
EFFM-RLSW-00-070
EFFM-RLSW-00-090

Diffuser
EFFO-RLSW-OP-00-030/ 40/ 50/ 70/ 90
EFFO-RLSW-OP-60-070/ 75/ 125/ 175

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.