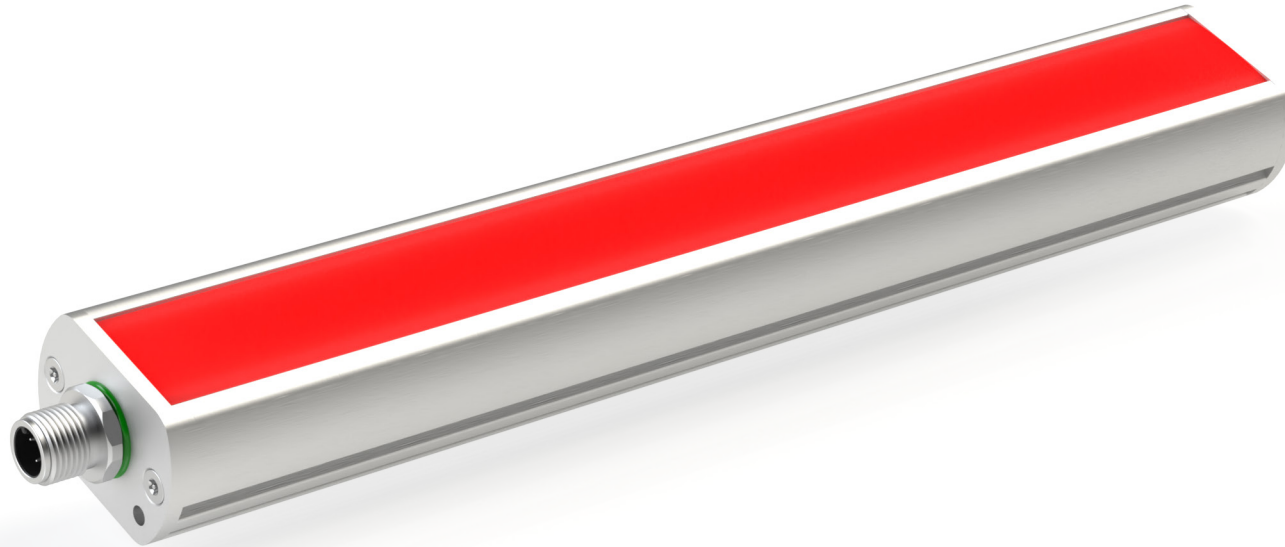


# Linear · FD SERIES Red 625 nm

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24 V  
DC

MASTER  
SLAVE

NOT  
CASCADABLE

90 mm  
INCREMENTAL

CABLE  
M12A

MACHINE VISION

POWER 1x  
STROBE 2x

INTEGRATED  
CONTROLLER

POLARIZED

IP40  
IP65

36  
MONTHS

EU  
MADE IN SPAIN

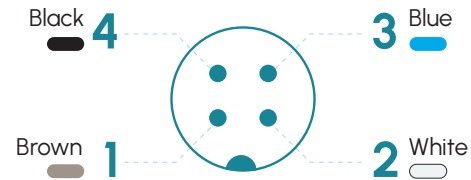
## Technical specifications

Power supply voltage	24 Vdc ±5%	
Trigger input	24 Vdc PNP	
Max. on time	Power = unlimited	Strobe = 10 ms
Max. working cycle	Power = 1	Strobe = 1/6
Max. number of cascable modules	This luminaire is not cascable	
Wavelength	Red	625 nm
Angle of aperture	Semidiffuse Ultradiffuse	60° 110°
Electrical protections	Transient overvoltages Polarity reversal Current sablizer	YES YES YES
IP Rating	IP40 o IP65	
Protection type	Class III	
Operating temperature	-10 a +40 °C	
Body material	Anodized aluminum	
Side cover material	Anodized aluminum	
Diffuser material	Polycarbonate	
Connection types	M12A, 2m cable, M12A connector with cable	
Standards	RoHs, CE	

## Connection

M12A input - Cable	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP	Signal IN - a

### M12A Male



## Fixings

F00G2, F00G4, F00R1, M6D16

FD · 625 nm

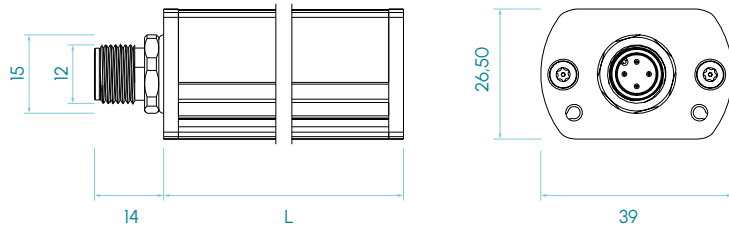


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## Measures

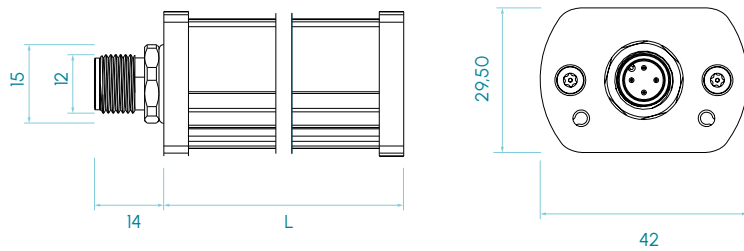
### IP40

#### M12A axial version



### IP65

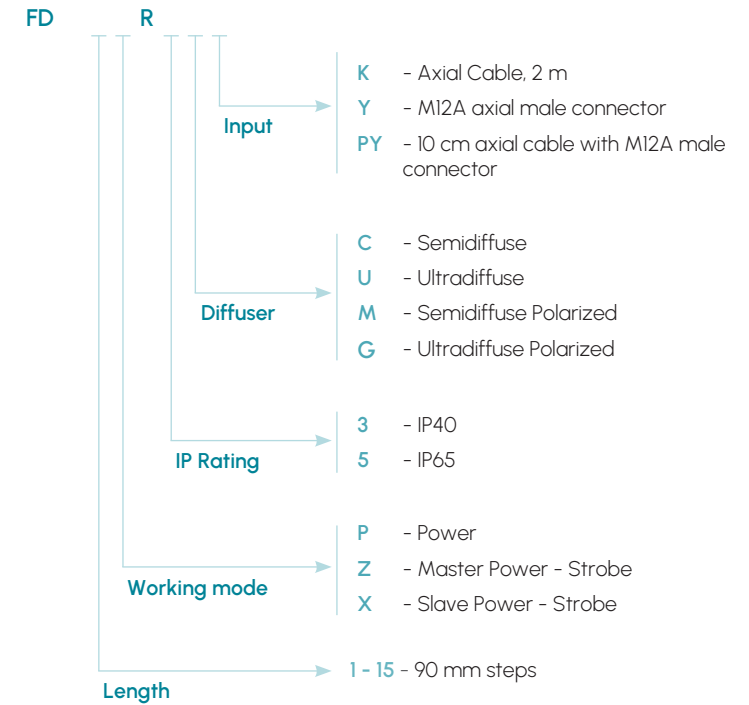
#### M12A axial version



Measures in mm

# FD · 625 nm

## Selection guide

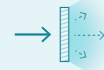


## Model FD · Red 625 nm



**625nm**

RED



SEMIDIFFUSE  
60°



ULTRADIFFUSE  
110°

PHOTOBIOLOGICAL  
RISK

RG1 - LOW

**60.000h**

LIFESPAN

### Table of characteristics

	Length	Weight	Luminous flux <sup>(1)</sup>		Power consumed	
	L1		(lm)		(W)	
	(mm)	(g)	POWER	STROBE	POWER	STROBE
FD 01...	120	256	194	388	3,8	7,6
FD 02...	210	448	388	775	7,6	15,2
FD 03...	300	640	581	1.163	11,4	22,8
FD 04...	390	832	775	1.550	15,2	30,4
FD 05...	480	1.024	969	1.938	19,0	38,0
FD 06...	570	1.216	1.163	2.326	22,8	45,6
FD 07...	660	1.408	1.357	2.713	26,6	53,2
FD 08...	750	1.600	1.550	3.101	30,4	60,8
FD 09...	840	1.792	1.744	3.488	34,2	68,4
FD 10...	930	1.984	1.938	3.876	38,0	76,0
FD 11...	1.020	2.176	2.132	4.264	41,8	83,6
FD 12...	1.110	2.368	2.326	4.651	45,6	91,2
FD 13...	1.200	2.560	2.519	0	49,4	0,0
FD 14...	1.290	2.752	2.713	0	53,2	0,0
FD 15...	1.380	2.944	2.907	0	57,0	0,0

(1) Luminous flux (lm) is before diffuser.

FD

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