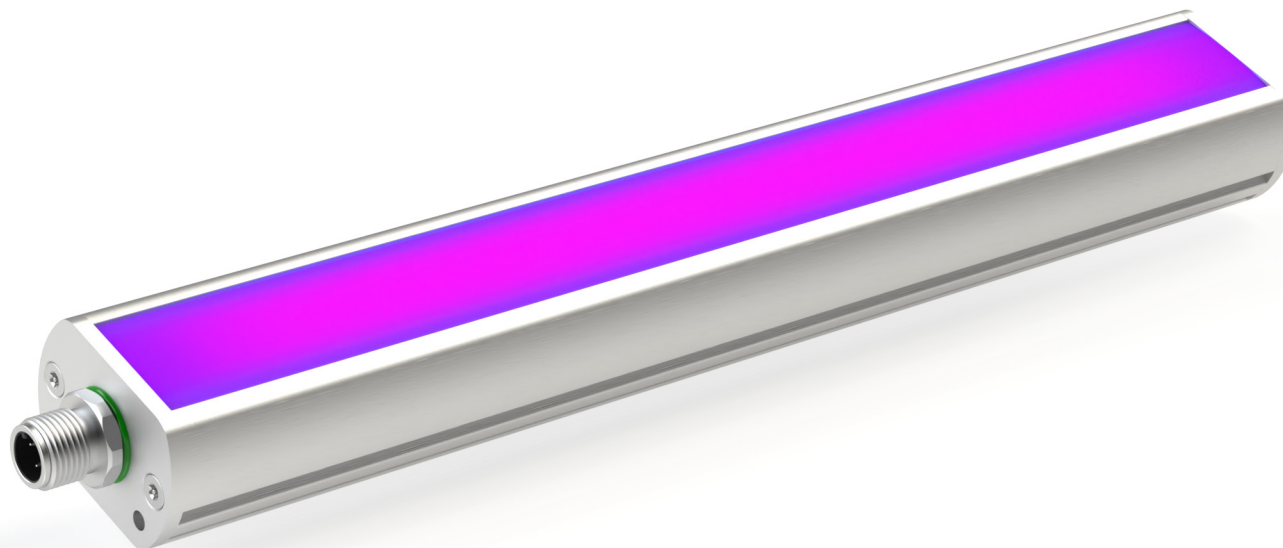


# Linear · FD SERIES Ultraviolet 365 nm

lumher



24 V  
DC

MASTER  
SLAVE

NOT  
CASCADABLE

90 mm  
INCREMENTAL

CABLE  
M12A

MACHINE VISION

POWER 1x  
STROBE 2x

INTEGRATED  
CONTROLLER

IP40  
IP65

36  
MONTHS

EU  
MADE IN SPAIN

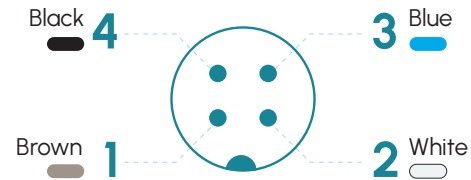
## Technical specifications

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	Ultraviolet	365 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 · 365 nm

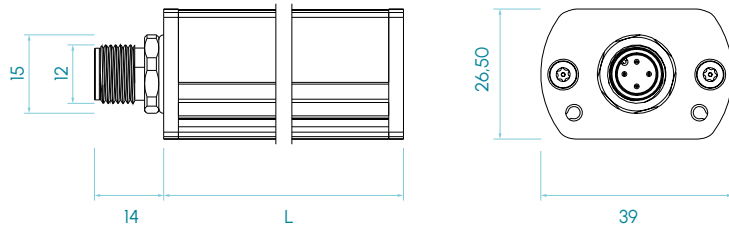


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## Measures

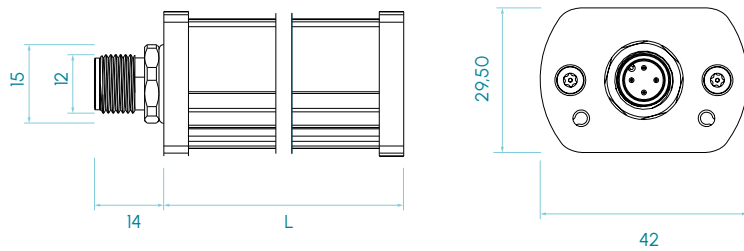
### IP40

#### M12A axial version



### IP65

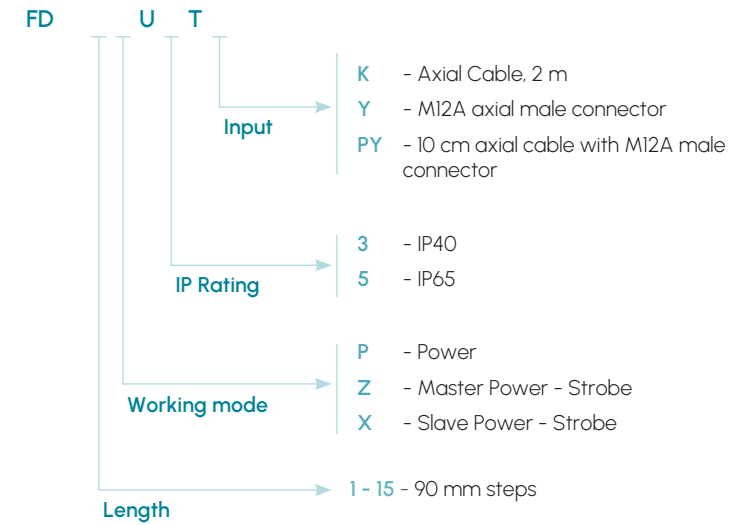
#### M12A axial version



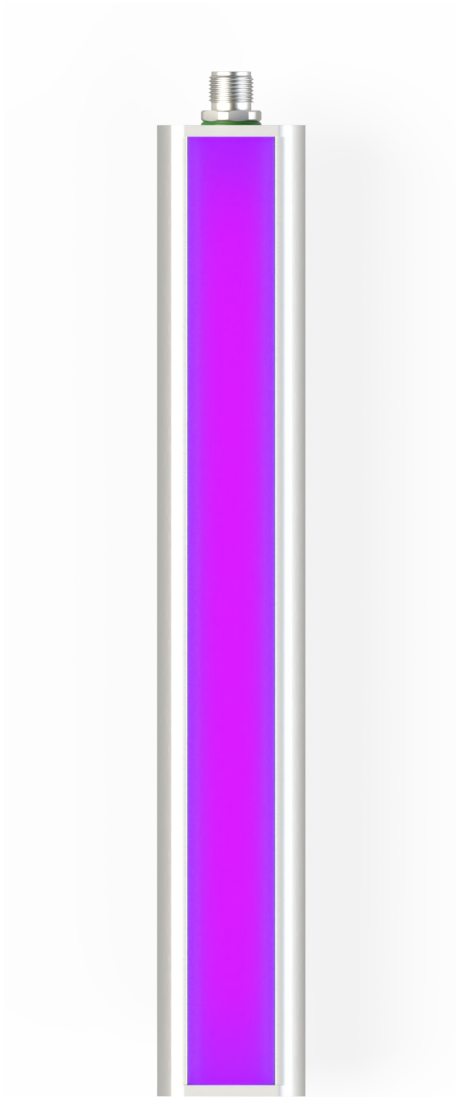
Measures in mm

# FD · 365 nm

## Selection guide



## Model FD · Ultraviolet 365 nm



FD

**365nm**

ULTRAVIOLET



TRANSPARENT  
55°

PHOTOBIOLOGICAL  
RISK

RG2 - MEDIUM

**15.000h**

LIFESPAN

### Table of characteristics

	Length L1 (mm)	Weight (g)	Radiated power <sup>(1)</sup> (W)		Power consumed (W)	
			POWER	STROBE	POWER	STROBE
FD 01...	120	256	1,9	3,7	3,8	7,6
FD 02...	210	448	3,7	7,5	7,6	15,2
FD 03...	300	640	5,6	11,2	11,4	22,8
FD 04...	390	832	7,5	14,9	15,2	30,4
FD 05...	480	1.024	9,3	18,7	19,0	38,0
FD 06...	570	1.216	11,2	22,4	22,8	45,6
FD 07...	660	1.408	13,1	26,1	26,6	53,2
FD 08...	750	1.600	14,9	29,9	30,4	60,8
FD 09...	840	1.792	16,8	33,6	34,2	68,4
FD 10...	930	1.984	18,7	37,3	38,0	76,0
FD 11...	1.020	2.176	20,5	41,0	41,8	83,6
FD 12...	1.110	2.368	22,4	44,8	45,6	91,2
FD 13...	1.200	2.560	24,3	0,0	49,4	0,0
FD 14...	1.290	2.752	26,1	0,0	53,2	0,0
FD 15...	1.380	2.944	28,0	0,0	57,0	0,0

(1) The radiated power (W) is before diffuser.

**lumher**