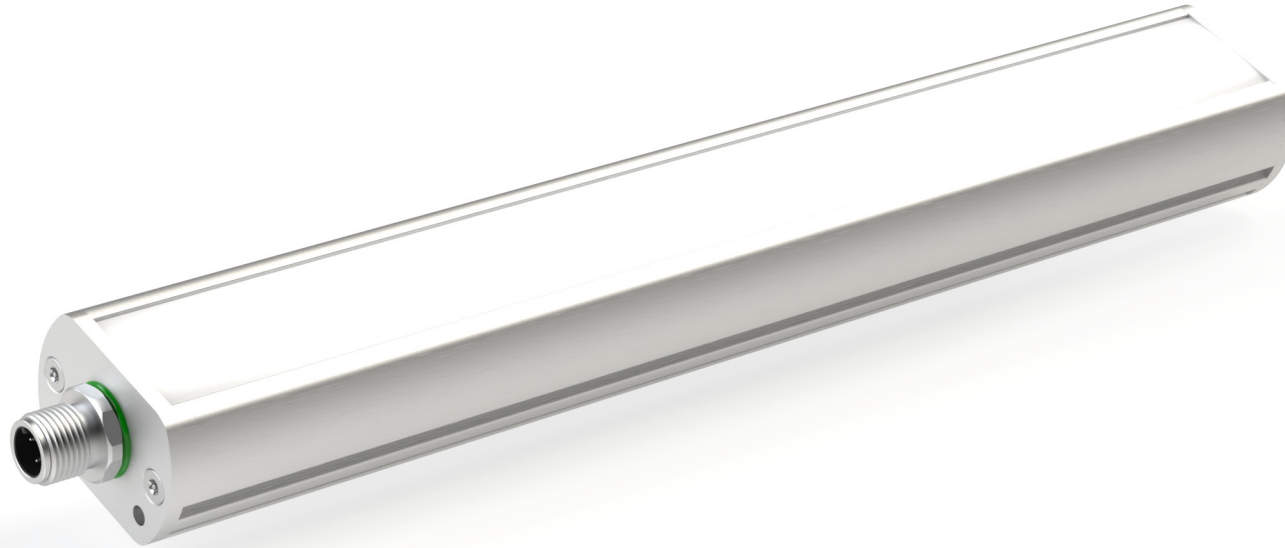

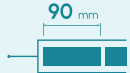






# Linear · FD SERIES White 5000K

lumher



<b>24 V</b> DC	<b>MASTER</b> <b>SLAVE</b>	 NOT CASCADABLE	 90 mm INCREMENTAL	<b>CABLE</b> M12A	 MACHINE VISION
<b>POWER</b> 1x <b>STROBE</b> 2x	<b>INTEGRATED</b>  <b>CONTROLLER</b>	 <b>POLARIZED</b>	<b>IP40</b> <b>IP65</b>	<b>36</b> MONTHS	 <b>MADE IN SPAIN</b>

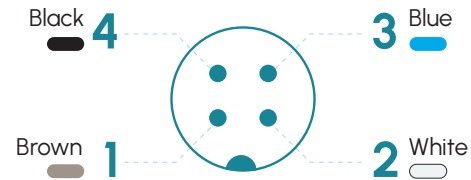
## Technical specifications

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	White	5000 K
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 · 5000K

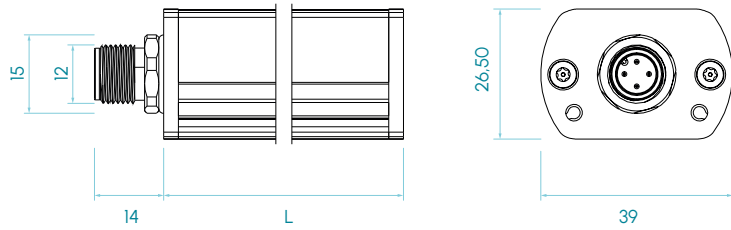


# lumher

## Measures

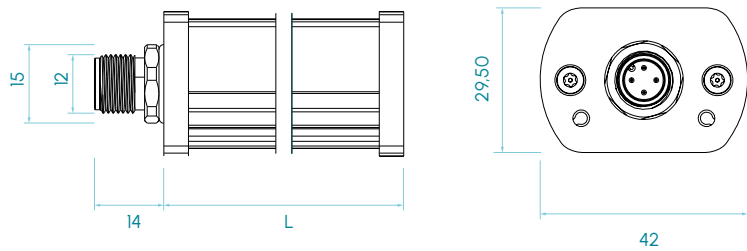
IP40

M12A axial version



IP65

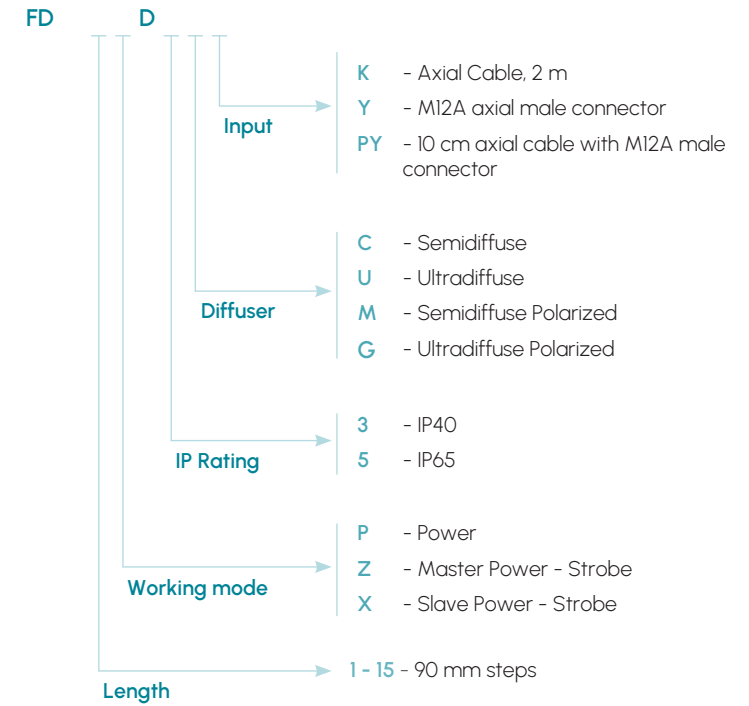
M12A axial version



Measures in mm

# FD · 5000K

## Selection guide



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# Model FD · White 5000K



**5000K**

WHITE

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	608	1.216	3,8	7,6
FD 02...	210	448	1.216	2.432	7,6	15,2
FD 03...	300	640	1.824	3.648	11,4	22,8
FD 04...	390	832	2.432	4.864	15,2	30,4
FD 05...	480	1.024	3.040	6.080	19,0	38,0
FD 06...	570	1.216	3.648	7.296	22,8	45,6
FD 07...	660	1.408	4.256	8.512	26,6	53,2
FD 08...	750	1.600	4.864	9.728	30,4	60,8
FD 09...	840	1.792	5.472	10.944	34,2	68,4
FD 10...	930	1.984	6.080	12.160	38,0	76,0
FD 11...	1.020	2.176	6.688	13.376	41,8	83,6
FD 12...	1.110	2.368	7.296	14.592	45,6	91,2
FD 13...	1.200	2.560	7.904	0	49,4	0,0
FD 14...	1.290	2.752	8.512	0	53,2	0,0
FD 15...	1.380	2.944	9.120	0	57,0	0,0

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