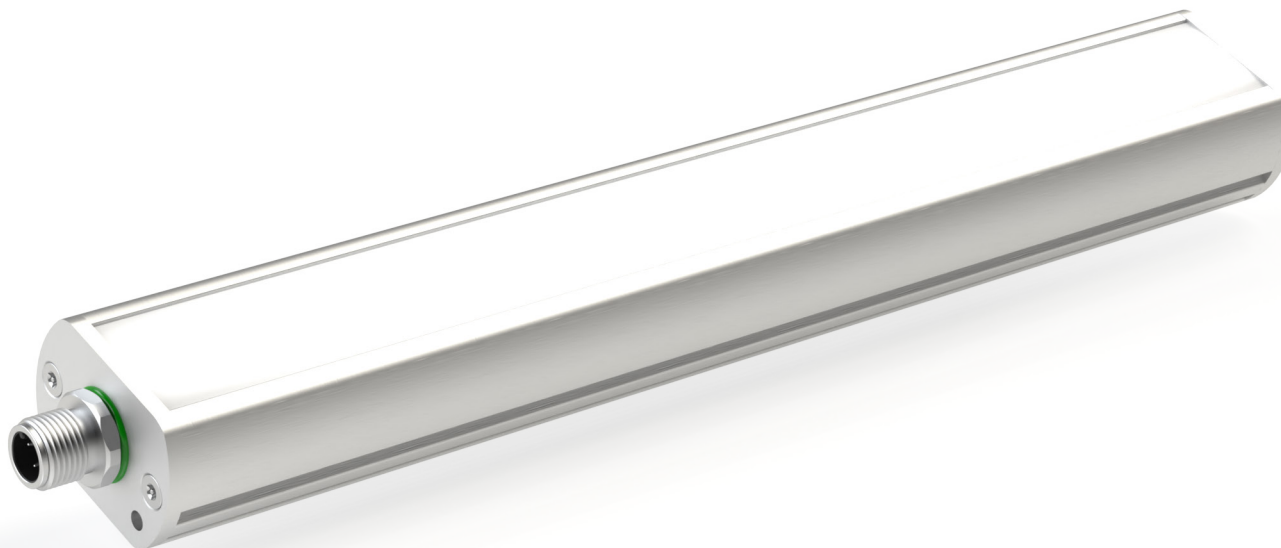


Linear · FD SERIES White 5000K

lumher



24 V
DC

MASTER
SLAVE

NOT
CASCADABLE

90 mm
INCREMENTAL

CABLE
M12A

MACHINE VISION

CONTINUOUS 1x
STROBE 2x

INTEGRATED
CONTROLLER

POLARIZED

IP40
IP65

36
MONTHS

EU
MADE IN SPAIN

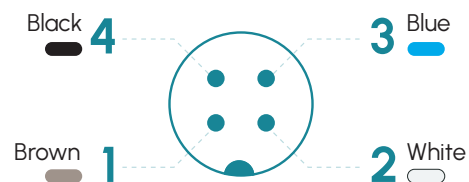
Technical specifications

Power supply voltage	24 Vdc $\pm$ 5%	
Trigger input	24 Vdc PNP / NPN	
Max. on time	Continuous = unlimited	Strobe = 10 ms
Max. working cycle	Continuous = 1	Strobe = 1/6
Max. consumption Trigger input	1,5 mA	
Max. number of cascadable modules	This luminaire is not cascadable	
Wavelength	White	5000 K
Beam angle	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 °C to +40 °C	
Storage temperature	0°C to +60 °C	
Max. relative humidity	80% (without condensation)	
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	Continuous	Master Continuous - Strobe	Slave Continuous - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Trigger NPN	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

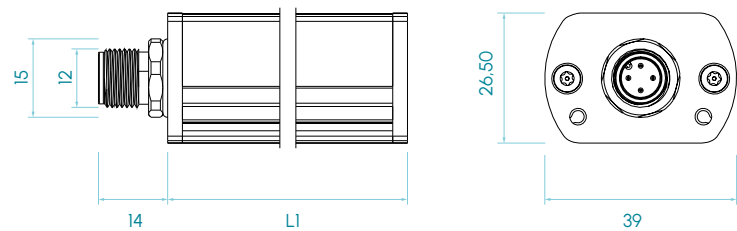


lumher

Measures

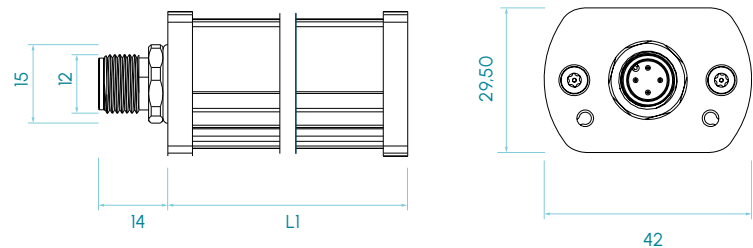
IP40

M12A axial version



IP65

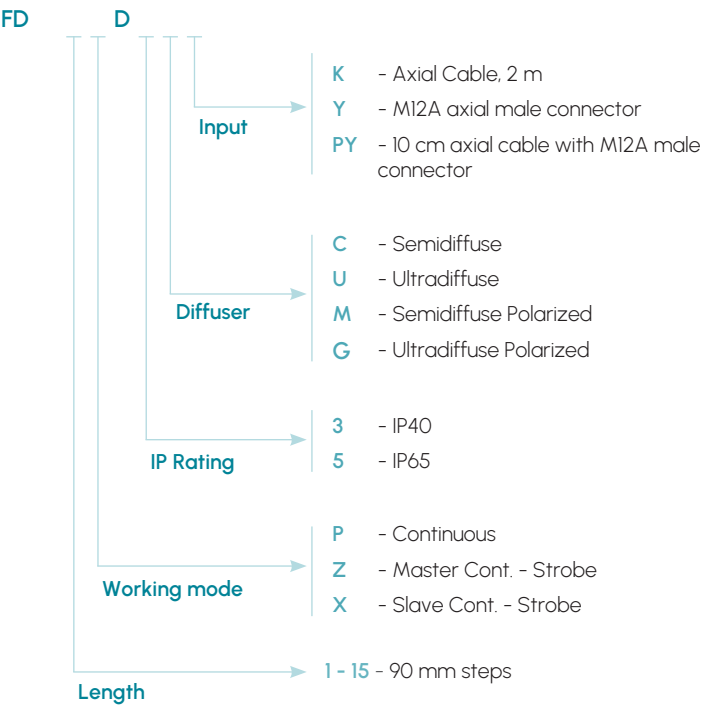
M12A axial version



Measures in mm

FD · 5000K

Selection guide



Model FD · White 5000K



FD

5000K
WHITE

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK
RG1 - LOW

60.000h
LIFESPAN

Table of characteristics

	Length	Weight	Luminous flux ⁽¹⁾		Power consumed	
	L1		(lm)		(W)	
	(mm)	(g)	CONT.	STROBE	CONT.	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	-	49,4	-
FD 14...	1.290	2.752	8.512	-	53,2	-
FD 15...	1.380	2.944	9.120	-	57,0	-

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