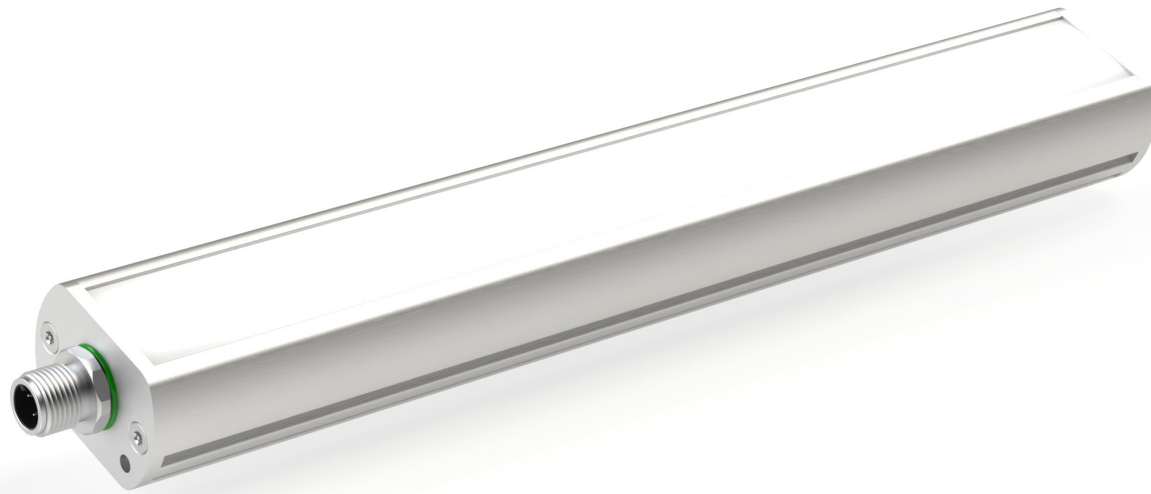








Linear · FDX SERIES White 5000K

lumher



24 V DC	MASTER SLAVE	 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 cascadable modules ⁽¹⁾	Power = 24	Strobe = 12
Wavelength	White	
Angle of aperture	Semidiffuse	60°
	Ultradiffuse	110°
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current stabilizer	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	

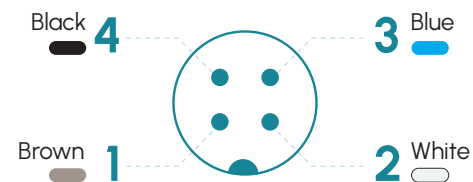
(1) The number representing the length of the luminaire is the number of modules it has.

Connection

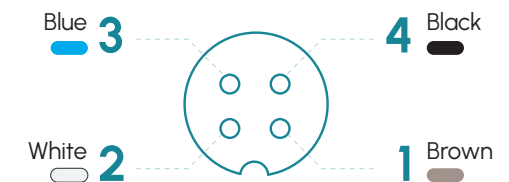
M12A input - Cable	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP	Signal IN - a

M12A output	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	No signal	No signal	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	No signal	Signal OUT - a	Signal OUT - a

M12A Male



M12A Female



Fixings

F00G2, F00G4, F00R1, M6D16

FDX · 5000K

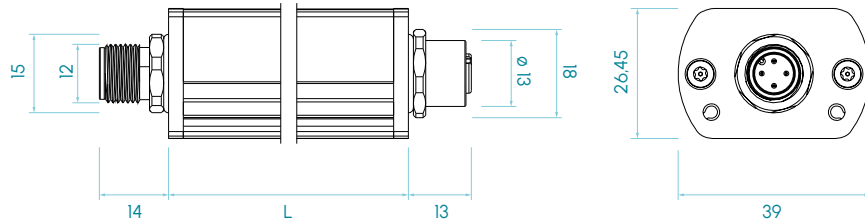


lumher

Measures

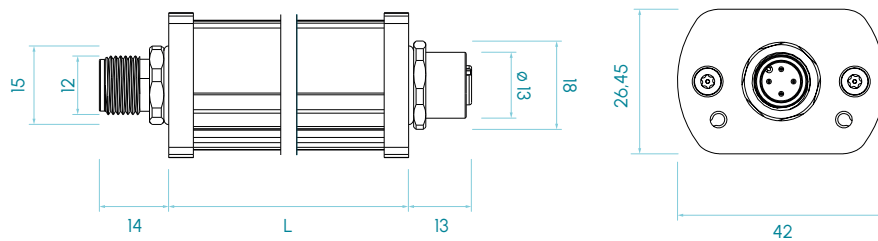
IP40

M12A axial version



IP65

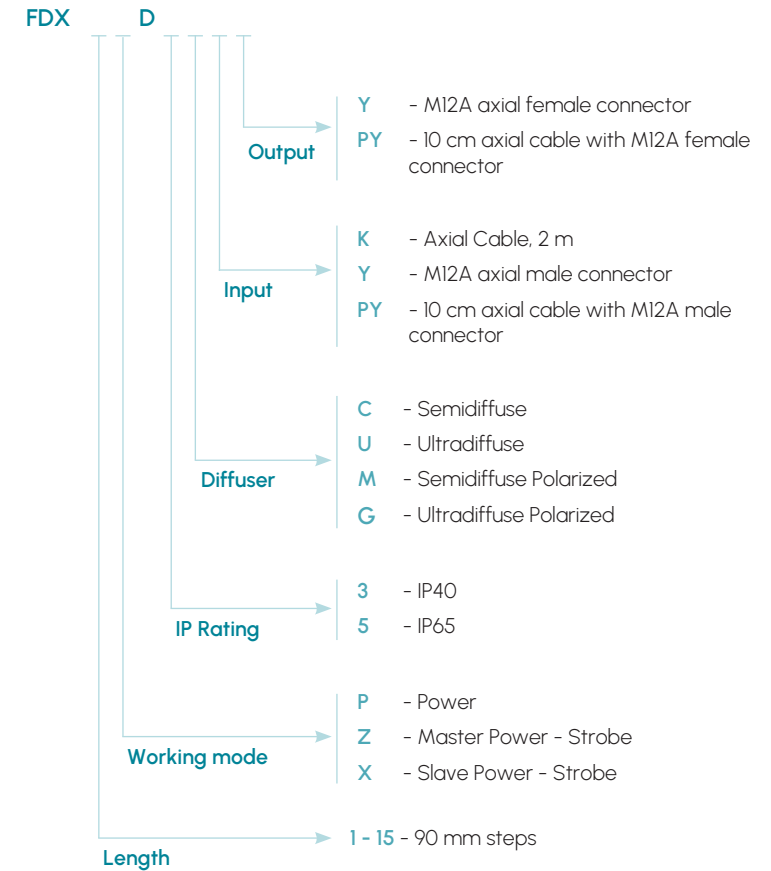
M12A axial version



Measures in mm

FDX · 5000K

Selection guide



lumher

Model FDX · White 5000K



FDX

5000K

WHITE

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Length	Weight	Luminous flux ⁽²⁾		Power consumed	
	L1		(lm)		(W)	
	(mm)	(g)	POWER	STROBE	POWER	STROBE
FDX 01...	120	256	608	1.216	3,8	7,6
FDX 02...	210	448	1.216	2.432	7,6	15,2
FDX 03...	300	640	1.824	3.648	11,4	22,8
FDX 04...	390	832	2.432	4.864	15,2	30,4
FDX 05...	480	1.024	3.040	6.080	19,0	38,0
FDX 06...	570	1.216	3.648	7.296	22,8	45,6
FDX 07...	660	1.408	4.256	8.512	26,6	53,2
FDX 08...	750	1.600	4.864	9.728	30,4	60,8
FDX 09...	840	1.792	5.472	10.944	34,2	68,4
FDX 10...	930	1.984	6.080	12.160	38,0	76,0
FDX 11...	1.020	2.176	6.688	13.376	41,8	83,6
FDX 12...	1.110	2.368	7.296	14.592	45,6	91,2
FDX 13...	1.200	2.560	7.904	0	49,4	0,0
FDX 14...	1.290	2.752	8.512	0	53,2	0,0
FDX 15...	1.380	2.944	9.120	0	57,0	0,0

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