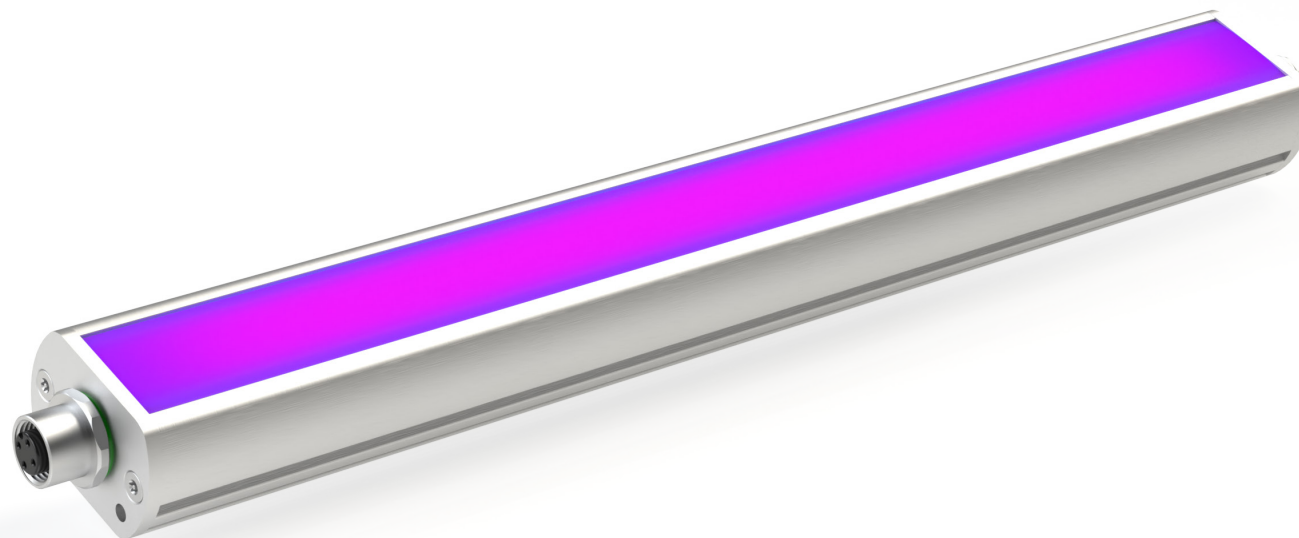


Linear · FDX SERIES Ultraviolet 365 nm

lumher

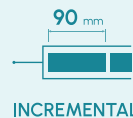


24 V
DC

MASTER
SLAVE



CASCADABLE



INCREMENTAL

CABLE
M12A



MACHINE VISION

CONTINUOUS 1x
STROBE 2x



INTEGRATED
CONTROLLER

IP40
IP65

36
MONTHS



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	Power = 24	Strobe = 12
Wavelength	Ultraviolet	365 nm
Beam angle	Transparent	55°
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	

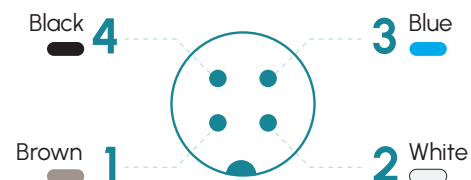
(1) The number representing the length of the luminaire is the number of modules it has.

Connection

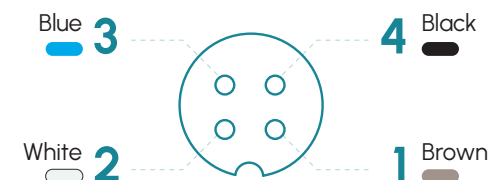
M12A input - Cable	Continuous	Master Continuous - Strobe	Slave Continuous - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Trigger NPN	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP	Signal IN - a

M12A output	Continuous	Master Continuous - Strobe	Slave Continuous - 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	Signal OUT - a	Signal OUT - a

M12A Male



M12A Female



Fixings

F00G2, F00G4, F00R1, M6D16

FDX · 365 nm

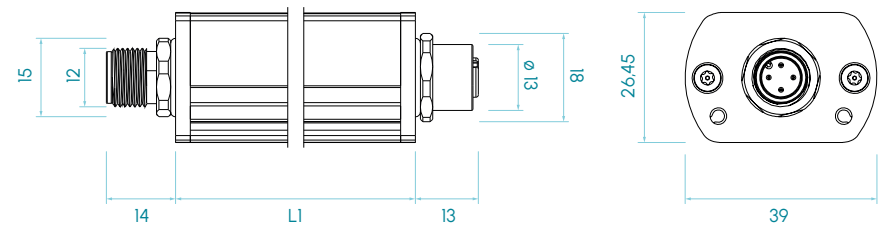


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Measures

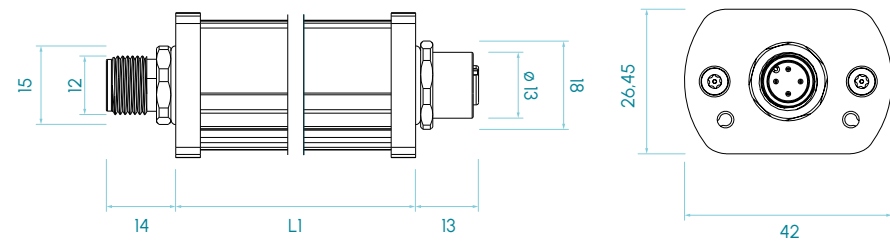
IP40

M12A axial version



IP65

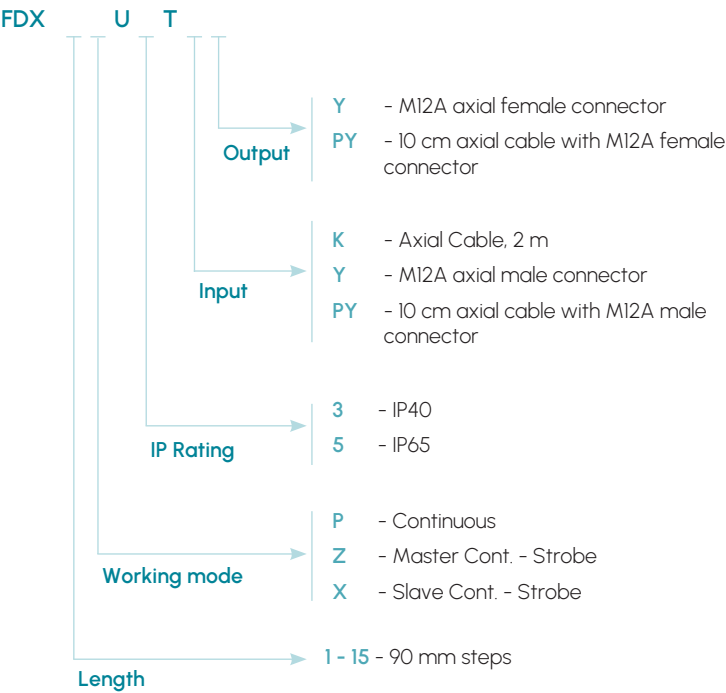
M12A axial version



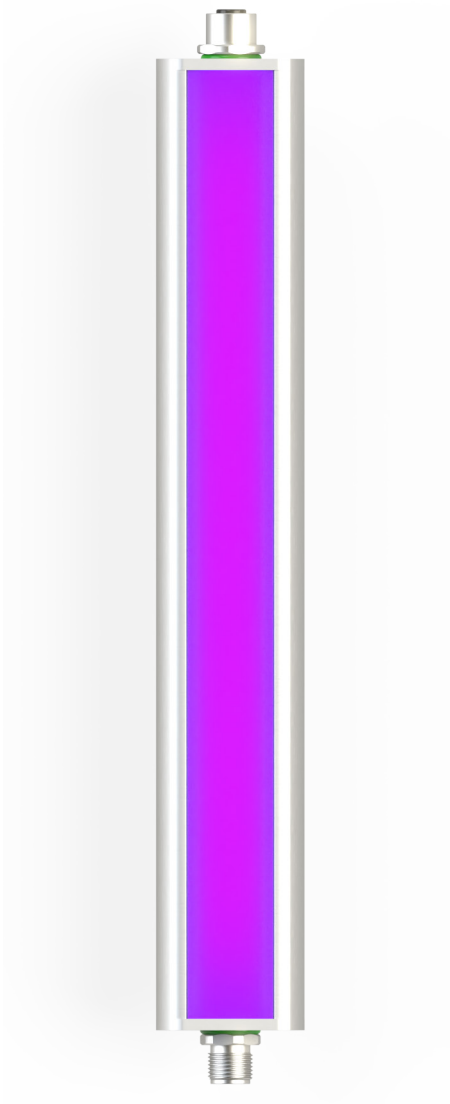
Measures in mm

FDX · 365 nm

Selection guide



Model FDX · Ultraviolet 365 nm



FDX

365nm

ULTRAVIOLET

TRANSPARENT
55°

PHOTOBIOLOGICAL
RISK

RG2 - MEDIUM

15.000h

LIFESPAN

Table of characteristics

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

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