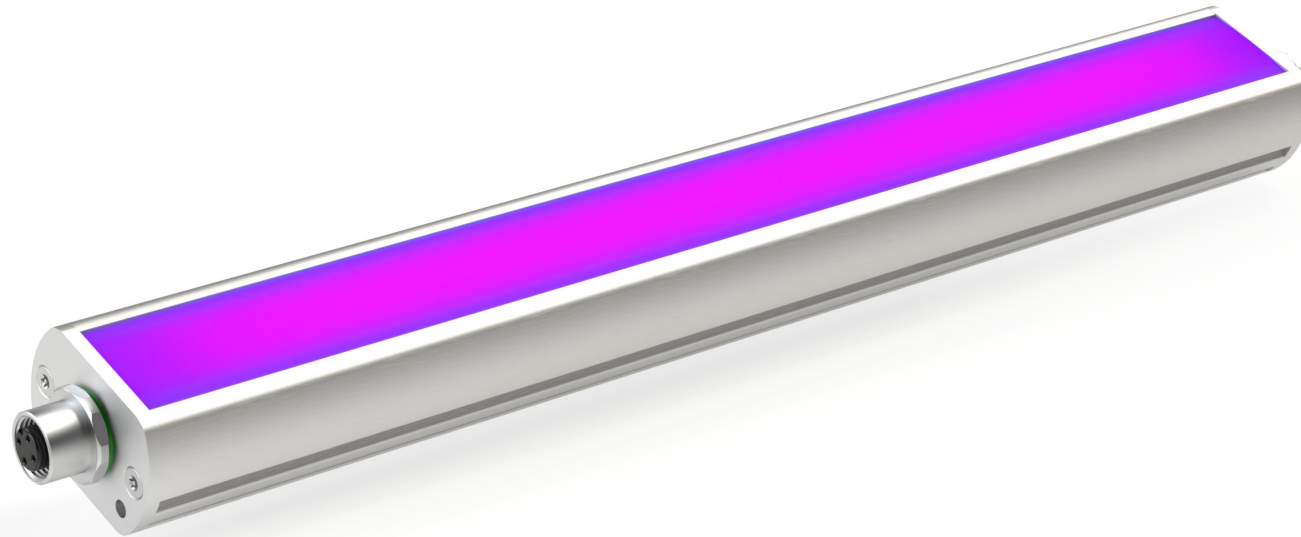


Linear · FDX SERIES Ultraviolet 365 nm

lumher



24 V
DC

MASTER
SLAVE



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 ⁽¹⁾	Power = 24	Strobe = 12
Wavelength	Ultraviolet	365 nm
Angle of aperture	Transparent	55°
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	

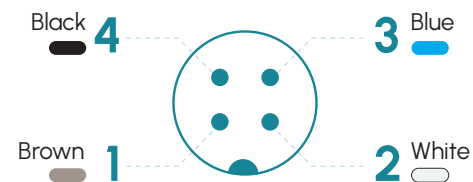
(1) The number representing the length of the luminaire is the number of modules it has.

Connection

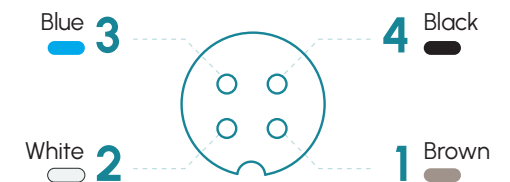
M12A input - Cable	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP	Signal IN - a

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 · 365 nm

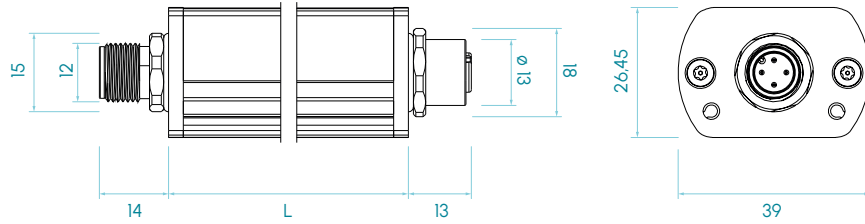


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Measures

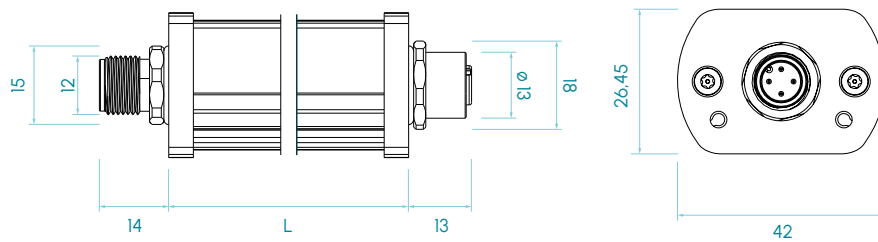
IP40

M12A axial version



IP65

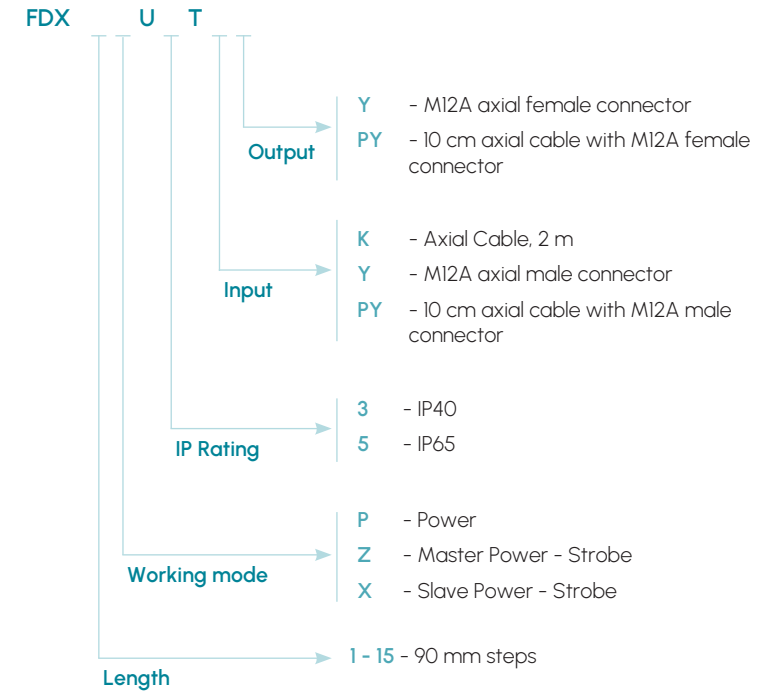
M12A axial version



Measures in mm

FDX · 365 nm

Selection guide



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Model FDX · Ultraviolet 365 nm

365nm

ULTRAVIOLET



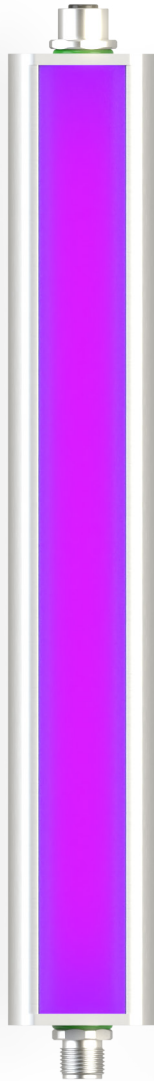
TRANSPARENT
55°

PHOTOBIOLOGICAL
RISK

RG2 - MEDIUM

15.000h

LIFESPAN



FDX

Table of characteristics

	Length	Weight	Radiated power ⁽²⁾		Power consumed	
	L1		(W)		(W)	
	(mm)	(g)	POWER	STROBE	POWER	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	0,0	49,4	0,0
FDX 14...	1.290	2.752	26,1	0,0	53,2	0,0
FDX 15...	1.380	2.944	28,0	0,0	57,0	0,0

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

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