

Linear · PDX SERIES White 5000K

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24 V
DC

MASTER
SLAVE



CASCADABLE



90 mm
INCREMENTAL

CABLE
M12A



MACHINE VISION

POWER 1x
STROBE 4x

INTEGRATED



CONTROLLER



POLARIZED

IP40
IP65

36
MONTHS



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 = 48	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	

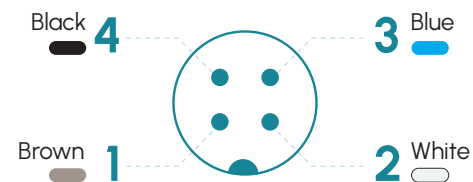
(1) The number representing the length of the luminaire is the number of modules it has.

Connection

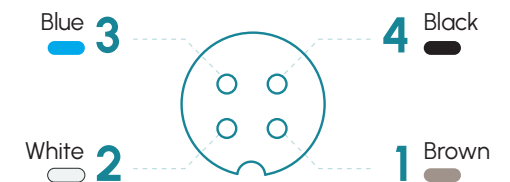
M12A input - Cable	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP	Signal IN - a

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

P00G1 , P00G2, P00G3, P00R1, P00R2, P00R3, P00R4, M6D16

PDX · 5000K

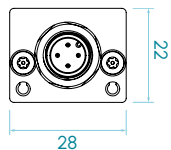
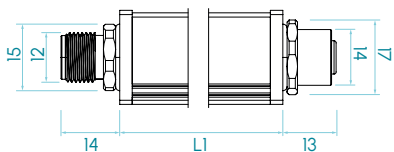


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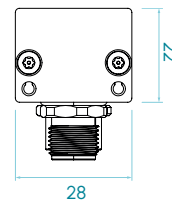
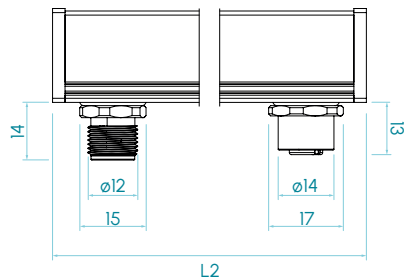
Measures

IP40

M12A axial version

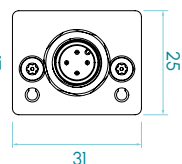
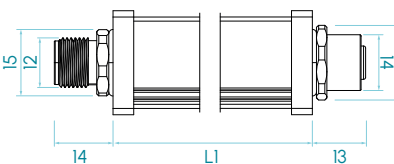


M12A radial version

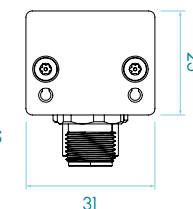
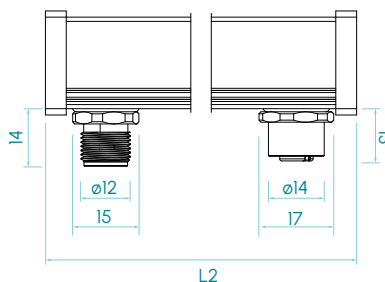


IP65

M12A axial version



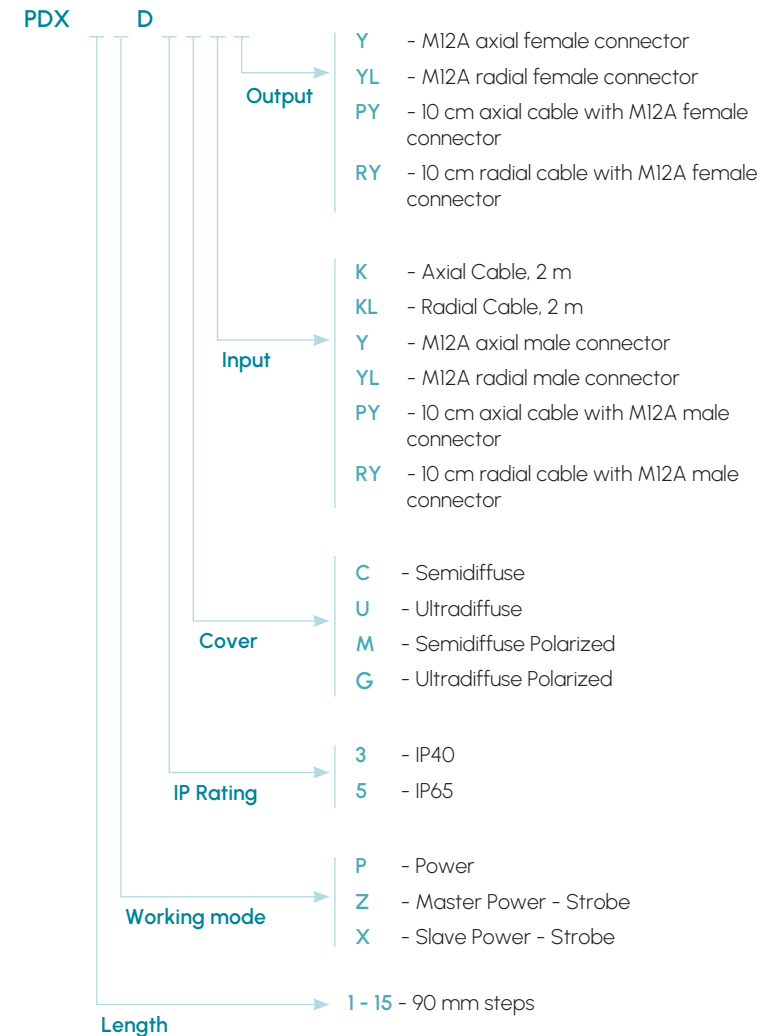
M12A radial version



Measures in mm

PDX · 5000K

Selection guide



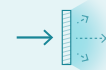
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Model PDX · White 5000K



5000K

WHITE



SEMIDIFFUSE
60°



ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Length	Length	Weight	Luminous flux ⁽³⁾		Power consumed	
	L1 ⁽²⁾	L2 ⁽²⁾		(lm)		(W)	
	(mm)	(mm)		POWER	STROBE	POWER	STROBE
PDX 01...	120	138	97	304	1216	1,9	7,6
PDX 02...	210	228	145	608	2.432	3,8	15,2
PDX 03...	300	318	193	912	3.648	5,7	22,8
PDX 04...	390	408	241	1.216	4.864	7,6	30,4
PDX 05...	480	498	289	1.520	6.080	9,5	38,0
PDX 06...	570	588	337	1.824	7.296	11,4	45,6
PDX 07...	660	678	385	2.128	8.512	13,3	53,2
PDX 08...	750	768	433	2.432	9.728	15,2	60,8
PDX 09...	840	858	481	2.736	10.944	17,1	68,4
PDX 10...	930	948	529	3.040	12.160	19,0	76,0
PDX 11...	1.020	1.038	577	3.344	13.376	20,9	83,6
PDX 12...	1.110	1.128	625	3.648	14.592	22,8	91,2
PDX 13...	1.200	1.218	673	3.952	-	24,7	-
PDX 14...	1.290	1.308	721	4.256	-	26,6	-
PDX 15...	1.380	1.398	769	4.560	-	28,5	-

(2) Versions with radial input and/or outlet will have length L2, the rest will be L1.

(3) The luminous flux (lm) is before diffuser.

PDX

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