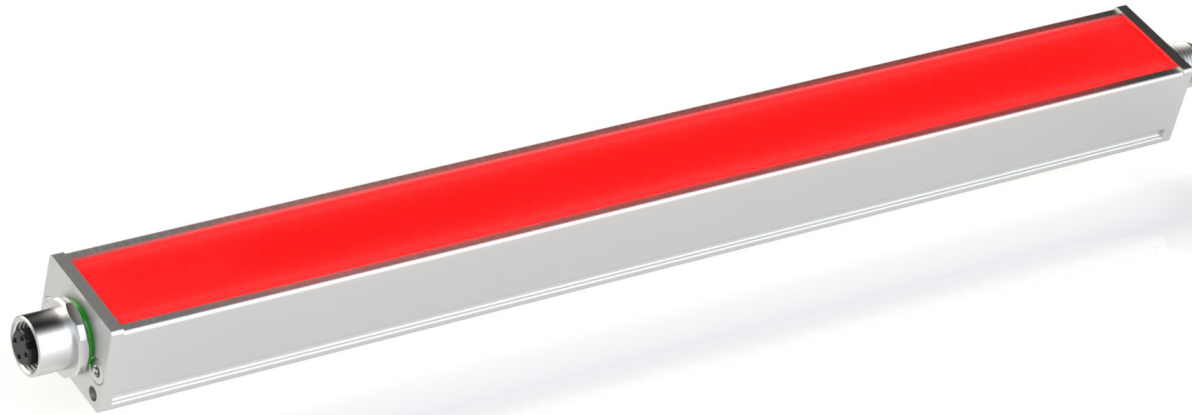


Linear · PDX SERIES Red 625 nm

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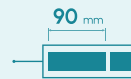


24 V
DC

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	Red	
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

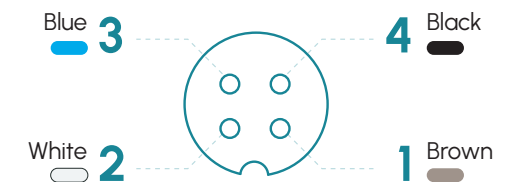
M12A input - Cable	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP	Signal IN - a

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 · 625 nm

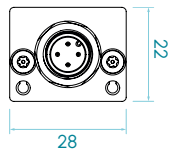
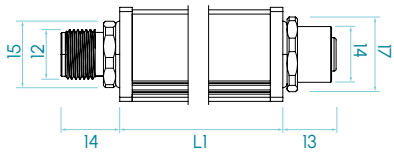


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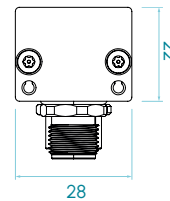
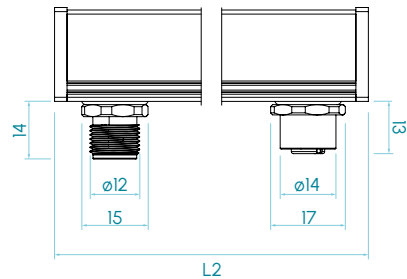
Dimensions

IP40

M12A axial version

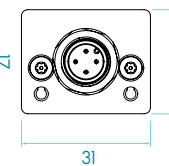
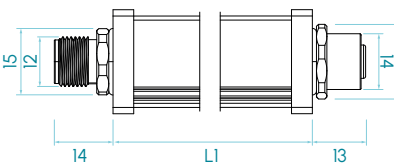


M12A radial version

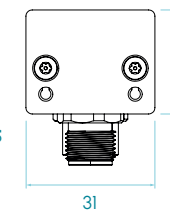
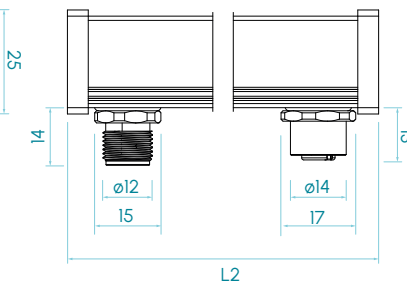


IP65

M12A axial version



M12A radial version



Measures in mm

PDX · 625 nm

Types available

PDX

R



Output

Input

Cover

IP Rating

Working mode

Length

- Y - M12A axial female connector
- YL - M12A radial female connector
- PY - 10 cm axial cable with M12A female connector
- RY - 10 cm radial cable with M12A female connector

- K - Axial Cable, 2 m
- KL - Radial Cable, 2 m
- Y - M12A axial male connector
- YL - M12A radial male connector
- PY - 10 cm axial cable with M12A male connector
- RY - 10 cm radial cable with M12A male connector

- C - Semidiffuse
- U - Ultradiffuse
- M - Semidiffuse Polarized
- G - Ultradiffuse Polarized

- 3 - IP40
- 5 - IP65

- P - Power
- Z - Master Power - Strobe
- X - Slave Power - Strobe

- 1 - 15 - 90 mm steps

Model PDX · Red 625 nm



625nm RED	 SEMIDIFFUSE 60°	 ULTRADIFFUSE 110°	PHOTOBIOLOGICAL RISK RG1 - LOW	60.000h LIFESPAN
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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	97	388	1,9	7,6
PDX 02...	210	228	145	194	775	3,8	15,2
PDX 03...	300	318	193	291	1.163	5,7	22,8
PDX 04...	390	408	241	388	1.550	7,6	30,4
PDX 05...	480	498	289	485	1.938	9,5	38,0
PDX 06...	570	588	337	581	2.326	11,4	45,6
PDX 07...	660	678	385	678	2.713	13,3	53,2
PDX 08...	750	768	433	775	3.101	15,2	60,8
PDX 09...	840	858	481	872	3.488	17,1	68,4
PDX 10...	930	948	529	969	3.876	19,0	76,0
PDX 11...	1.020	1.038	577	1.066	4.264	20,9	83,6
PDX 12...	1.110	1.128	625	1.163	4.651	22,8	91,2
PDX 13...	1.200	1.218	673	1.260	-	24,7	-
PDX 14...	1.290	1.308	721	1.357	-	26,6	-
PDX 15...	1.380	1.398	769	1.454	-	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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