Functional · PRX Series 3000K

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24 V
DC

125
lm/W

CASCADABLE

75 mm
INCREMENTAL

FUNCTIONAL

CABLE
M12A

POWER 1x
ECO 0,5x

IP40
IP65

PWM
DIMABLE

III
CLASS III

36
MONTHS

EU
MADE IN SPAIN

Technical specifications

Power supply voltage	24 Vdc ±5%	
Luminous efficiency	125 lm/W	
PWM regulation (Max 25 KHz)	min. 0%	max. 100%
Wavelength	Warm white	3000K
Angle of aperture	Semidiffuse Ultradiffuse	60º 110º
Max. number of cascadable modules	Power: 56	Eco: 112
Electrical protections	Transient overvoltages Polarity reversal Current sabilizer	YES YES YES
Colour Rendering Index (CRI)	≥ 90	
IP Rating	IP40 or IP65	
Protection type	Class III	
Operating temperature	POWER version ECO version	-10 a +40 °C -10 a +50º 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.

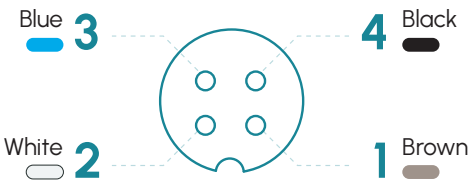
Connection

Input M12A - Cable	Power	Eco	Dual
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	24 Vdc = Power 0 Vdc = Eco
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Not connected	Not connected

Output M12A	Power	Eco	Dual
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	No signal	No signal	Same as Pin 2 input
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	No signal	No signal	No signal

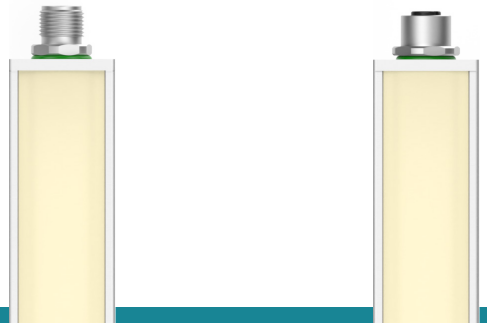
M12A Male

M12A Female



Fixings

P00G1 , P00G2, P00G3, P00R1, M6D16



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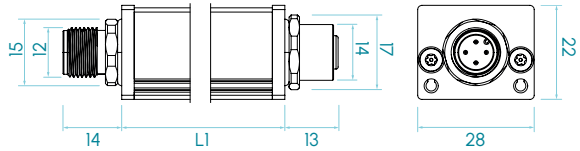
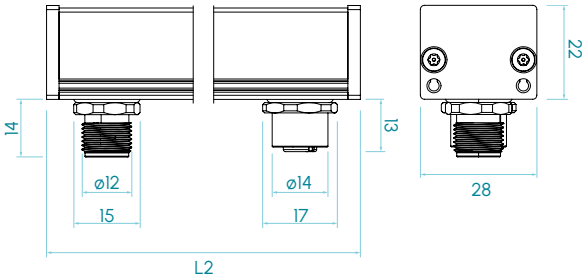
Measures

IP40

M12A axial version

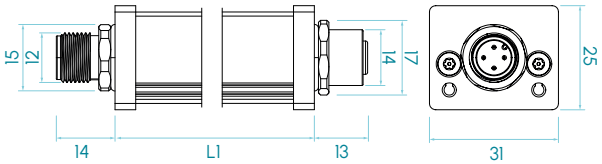


M12A radial version

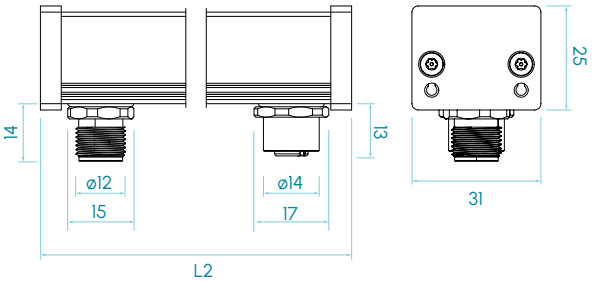


IP65

M12A axial version



M12A radial version



Measures in mm

PRX · 3000K

Selection guide

PRX W

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

Input
- 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

Diffuser
- C - Semidiffuse
- U - Ultradiffuse

IP Rating
- 3 - IP40
- 5 - IP65

Working mode
- P - Power
- E - Eco
- D - Dual: Power/Eco

Length
- 1 - 18 - 75 mm steps

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PRX Series · Warm white 3000K

PRX

3000K
WARM WHITE

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL RISK
RG1 - LOW

60.000h
LIFESPAN

Table of characteristics

	Length L1 [2] (mm)	Length L2 [2] (mm)	Weight (g)	Illuminance Ev (lx) @ 1m				Luminous flux [3] (lm)		Power consumed (W)	
				SEMIDIFFUSE		ULTRADIFFUSE					
				POWER	ECO	POWER	ECO	POWER	ECO	POWER	ECO
PRX 01...	105	123	89	41	21	25	12	195	98	1,6	0,8
PRX 02...	180	198	129	82	41	49	25	390	195	3,2	1,6
PRX 03...	255	273	169	123	62	74	37	586	293	4,8	2,4
PRX 04...	330	348	209	164	82	99	49	781	390	6,4	3,2
PRX 05...	405	423	249	205	103	124	61	976	488	8,0	4,0
PRX 06...	480	498	289	246	124	148	74	1.171	586	9,6	4,8
PRX 07...	555	573	329	287	144	173	86	1.366	683	11,2	5,6
PRX 08...	630	648	369	327	165	198	98	1.562	781	12,8	6,4
PRX 09...	705	723	409	368	185	222	110	1.757	878	14,4	7,2
PRX 10...	780	798	449	409	206	247	123	1.952	976	16,0	8,0
PRX 11...	855	873	489	450	226	272	135	2.147	1.074	17,6	8,8
PRX 12...	930	948	529	491	247	296	147	2.342	1.171	19,2	9,6
PRX 13...	1.005	1.023	569	532	268	321	160	2.538	1.269	20,8	10,4
PRX 14...	1.080	1.098	609	573	288	346	172	2.733	1.366	22,4	11,2
PRX 15...	1.155	1.173	649	614	309	371	184	2.928	1.464	24,0	12,0
PRX 16...	1.230	1.248	689	655	329	395	196	3.123	1.562	25,6	12,8
PRX 17...	1.305	1.323	729	696	350	420	209	3.318	1.659	27,2	13,6
PRX 18...	1.380	1.398	769	737	371	445	221	3.514	1.757	28,8	14,4

(2) Versions with radial input and/or radial output will have as length L2, the rest will be L1.
(3) The luminous flux (lm) is before diffuser.

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