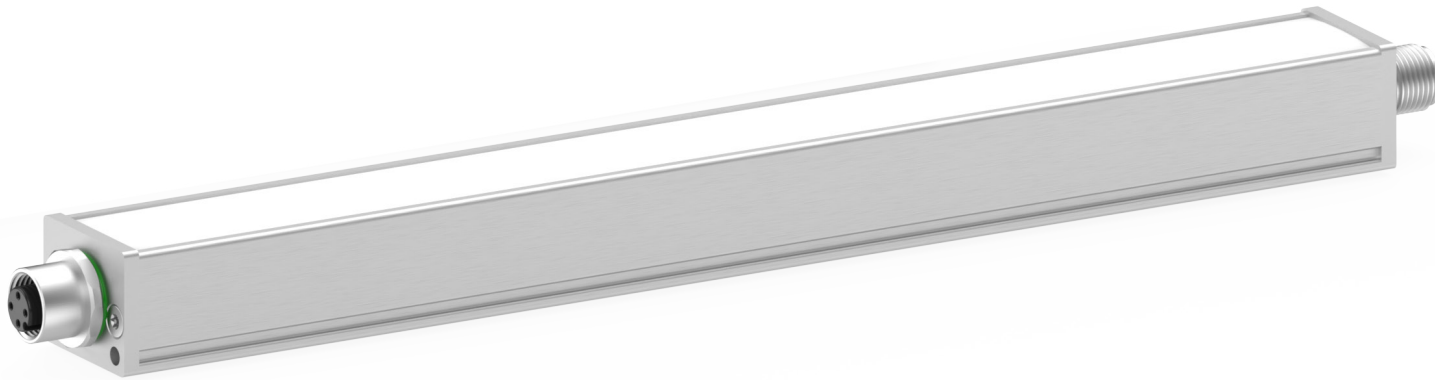


Functional · PRX Series White 5000K

lumher



24 V
DC

155
lm/W



CASCADABLE



INCREMENTAL



FUNCTIONAL

CABLE
M12A

POWER 1x
ECO 0.5x

IP40
IP65

PWM
DIMABLE

CLASS III

36
MONTHS

EU
MADE IN SPAIN

Technical specifications

Power supply voltage	24 Vdc ±5%	
Luminous efficiency	155 lm/W	
PWM regulation (Max 25 KHz)	min. 0%	max. 100%
Wavelength	Daylight white	5000K
Angle of aperture	Semidiffuse Ultradiffuse	60° 110°
Max. number of cascadable modules	Power: 56	Eco: 112
Electrical protections	Transient overvoltages Polarity reversal Current stabilizer	YES YES YES
Colour Rendering Index (CRI)	≥ 80	
IP Rating	IP40 or IP65	
Protection type	Class III	
Operating temperature	POWER version ECO version	-10 a +40 °C -10 a +50° 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	

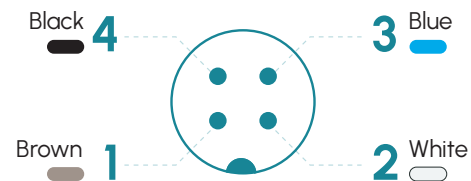
(1) The number representing the length of the luminaire is the number of modules it has.

Connection

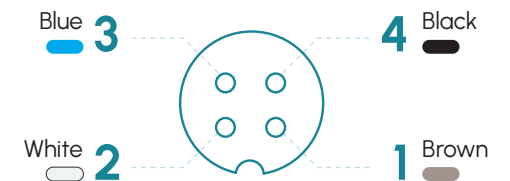
Input M12A - Cable	Power	Eco	Dual
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	24 Vdc = Power 0 Vdc = Eco
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Not connected	Not connected

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



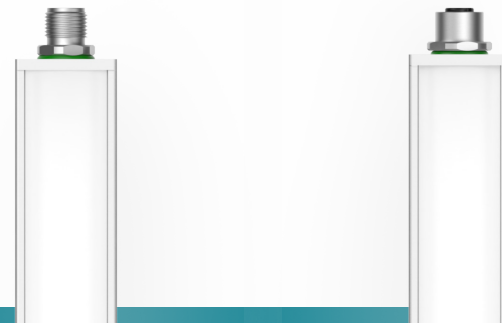
M12A Female



Fixings

P00G1 , P00G2, P00G3, P00R1, M6D16

PRX · 5000K

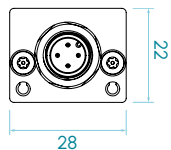
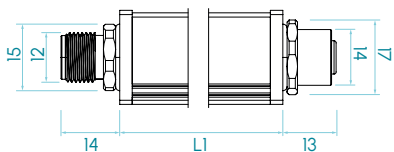


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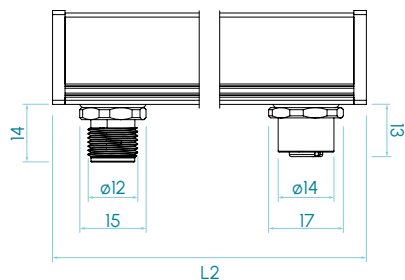
Measures

IP40

M12A axial version

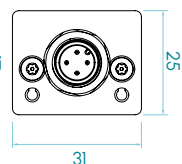
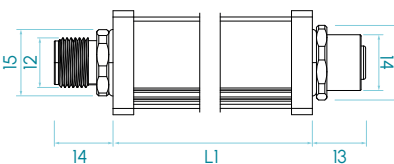


M12A radial version

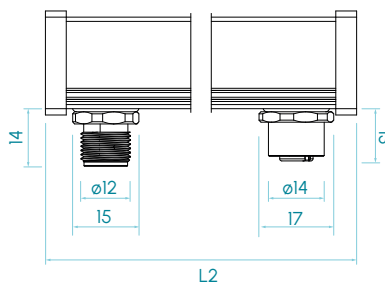


IP65

M12A axial version



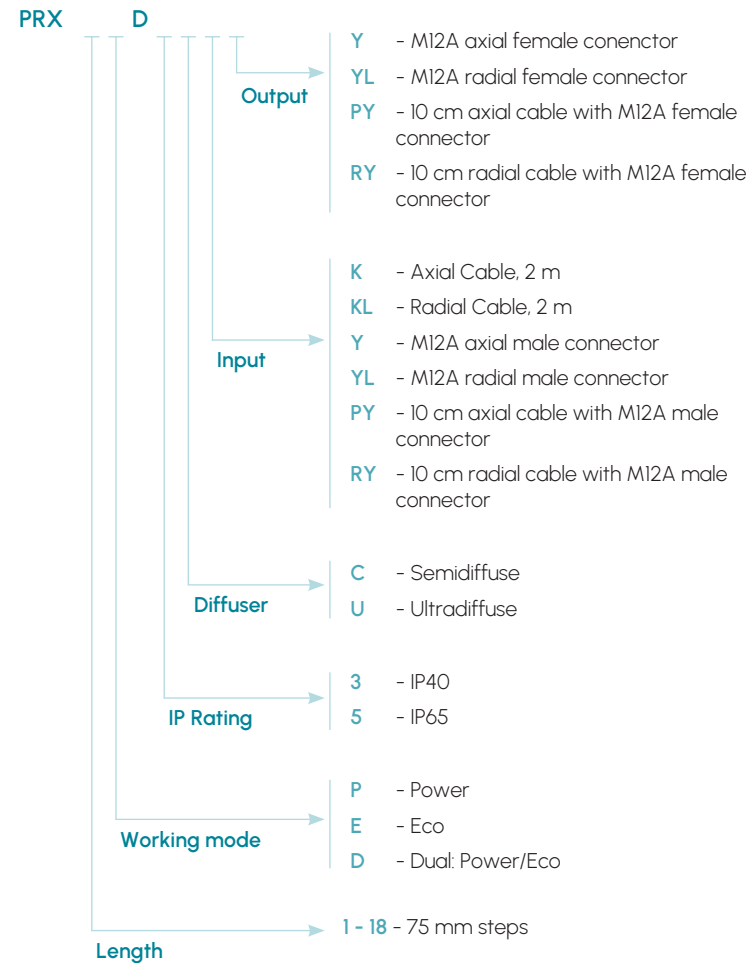
M12A radial version



Measures in mm

PRX · 5000K

Selection guide




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PRX Series · Daylight white 5000K



PRX

5000K
DAYLIGHT
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	56	28	34	17	251	126	1,6	0,8
PRX 02...	180	198	129	111	56	67	33	502	251	3,2	1,6
PRX 03...	255	273	169	167	84	101	50	754	377	4,8	2,4
PRX 04...	330	348	209	222	112	134	67	1.005	502	6,4	3,2
PRX 05...	405	423	249	278	140	168	83	1.256	628	8,0	4,0
PRX 06...	480	498	289	333	168	201	100	1.507	754	9,6	4,8
PRX 07...	555	573	329	389	196	235	117	1.758	879	11,2	5,6
PRX 08...	630	648	369	444	224	268	133	2.010	1.005	12,8	6,4
PRX 09...	705	723	409	500	251	302	150	2.261	1.130	14,4	7,2
PRX 10...	780	798	449	556	279	335	167	2.512	1.256	16,0	8,0
PRX 11...	855	873	489	611	307	369	183	2.763	1.382	17,6	8,8
PRX 12...	930	948	529	667	335	402	200	3.014	1.507	19,2	9,6
PRX 13...	1.005	1.023	569	722	363	436	217	3.266	1.633	20,8	10,4
PRX 14...	1.080	1.098	609	778	391	469	233	3.517	1.758	22,4	11,2
PRX 15...	1.155	1.173	649	833	419	503	250	3.768	1.884	24,0	12,0
PRX 16...	1.230	1.248	689	889	447	536	267	4.019	2.010	25,6	12,8
PRX 17...	1.305	1.323	729	944	475	570	283	4.270	2.135	27,2	13,6
PRX 18...	1.380	1.398	769	1.000	503	604	300	4.522	2.261	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.