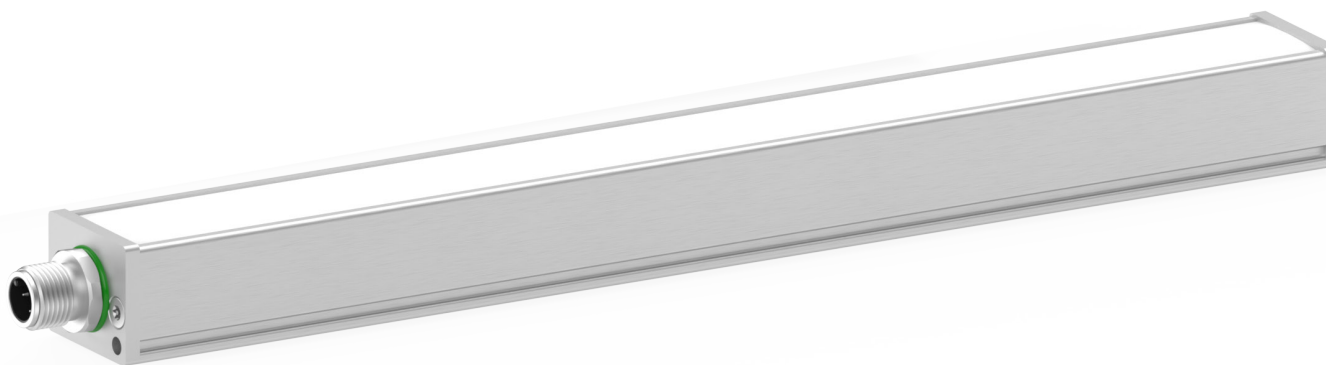


Functional · PR Series White 5000K

lumher



24 V
DC

155
lm/W

NOT
CASCADABLE

75 mm
INCREMENTAL

FUNCTIONAL

CABLE
M12A

POWER 1x
ECO 0,5x

IP40
IP65

PWM
DIMABLE

CLASS III

36
MONTHS

EU
MADE IN SPAIN

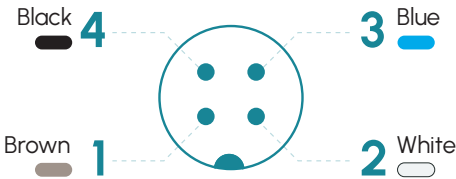
Technical specifications

Power supply voltage	24 Vdc $\pm$ 5%	
Luminous efficiency	155 lm/W	
PWM regulation (Max 25 KHz)	min. 0%	max. 100%
Wavelength	Daylight white	5000K
Beam angle	Semidiffuse Ultradiffuse	60° 110°
Max. number of cascable modules	This luminaire is not cascable	
Electrical protections	Transient overvoltages Polarity reversal Current sabilizer	YES YES YES
Colour Rendering Index (CRI)	≥ 80	
IP Rating	IP40 or IP65	
Protection type	Class III	
Operating temperature	POWER version ECO version	-10°C to +40°C -10°C to +50°C
Storage temperature	0°C a +60°C	
Max. relative humidity	80% (without condensation)	
Body material	Anodized aluminum	
Side cover material	Anodized aluminum	
Diffuser material	Polycarbonate	
Connection types	M12A, 2m cable, M12A connector with cable	
Standards	RoHs, CE	

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

M12A Male



Fixings

P00G1 , P00G2, P00G3, P00R1, M6D16

PR · 5000K

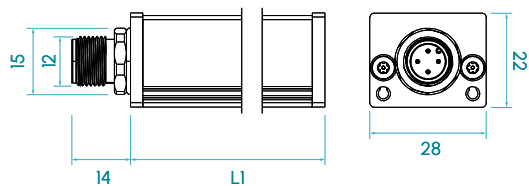


lumher

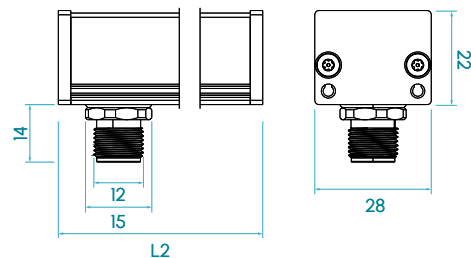
Measures

IP40

M12A axial version

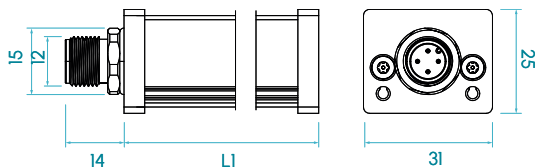


M12A radial version

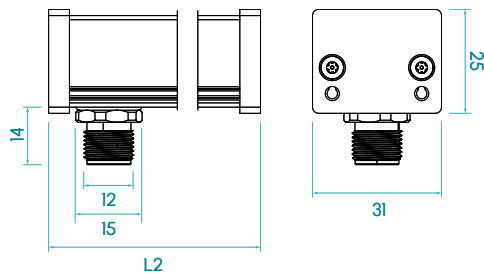


IP65

M12A axial version



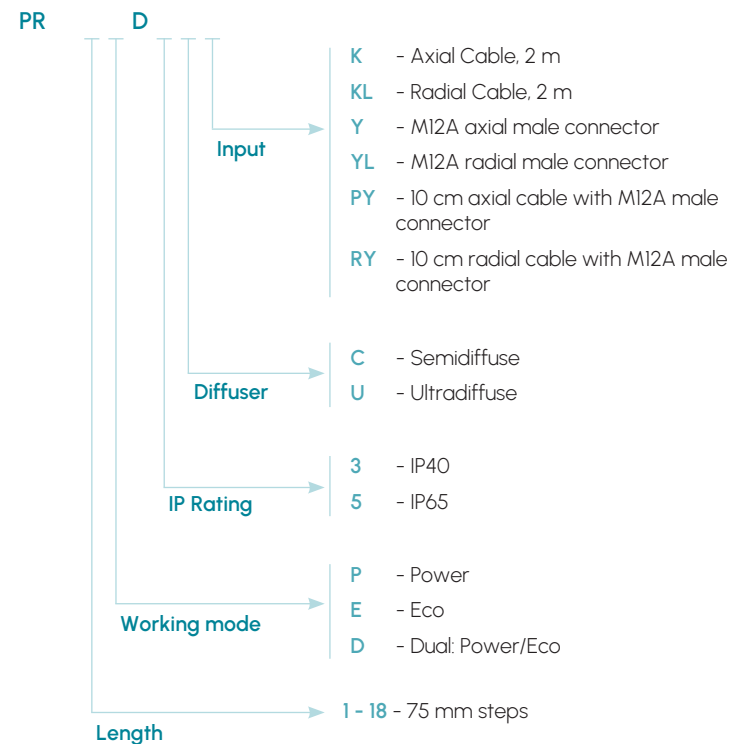
M12A radial version



Measures in mm

PR · 5000K

Selection guide



PR Series · Daylight white 5000K



PR

5000K
DAYLIGHT
WHITE

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Length	Length	Weight	Illuminance Ev				Luminous flux ⁽²⁾		Power consumed	
	L1 ⁽¹⁾	L2 ⁽¹⁾	(g)	(lx) @ 1m				(lm)		(W)	
	(mm)	(mm)		SEMIDIFFUSE		ULTRADIFFUSE					
				POWER	ECO	POWER	ECO	POWER	ECO	POWER	ECO
PR 01...	105	123	89	56	28	34	17	251	126	1,6	0,8
PR 02...	180	198	129	111	56	67	33	502	251	3,2	1,6
PR 03...	255	273	169	167	84	101	50	754	377	4,8	2,4
PR 04...	330	348	209	222	112	134	67	1.005	502	6,4	3,2
PR 05...	405	423	249	278	140	168	83	1.256	628	8,0	4,0
PR 06...	480	498	289	333	168	201	100	1.507	754	9,6	4,8
PR 07...	555	573	329	389	196	235	117	1.758	879	11,2	5,6
PR 08...	630	648	369	444	224	268	133	2.010	1.005	12,8	6,4
PR 09...	705	723	409	500	251	302	150	2.261	1.130	14,4	7,2
PR 10...	780	798	449	556	279	335	167	2.512	1.256	16,0	8,0
PR 11...	855	873	489	611	307	369	183	2.763	1.382	17,6	8,8
PR 12...	930	948	529	667	335	402	200	3.014	1.507	19,2	9,6
PR 13...	1.005	1.023	569	722	363	436	217	3.266	1.633	20,8	10,4
PR 14...	1.080	1.098	609	778	391	469	233	3.517	1.758	22,4	11,2
PR 15...	1.155	1.173	649	833	419	503	250	3.768	1.884	24,0	12,0
PR 16...	1.230	1.248	689	889	447	536	267	4.019	2.010	25,6	12,8
PR 17...	1.305	1.323	729	944	475	570	283	4.270	2.135	27,2	13,6
PR 18...	1.380	1.398	769	1.000	503	604	300	4.522	2.261	28,8	14,4

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