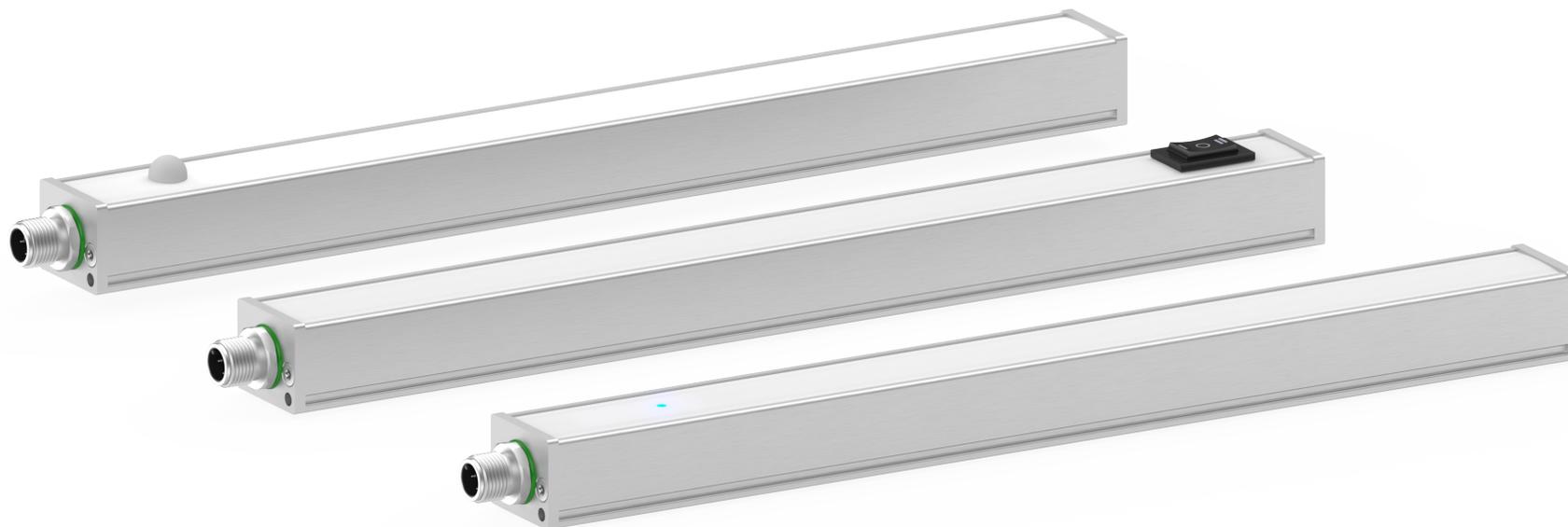


Functional · PR Series - Sensor · Switch White 5000K

lumher



24 V
DC

155
lm/W

NOT
CASCADABLE

75 mm
INCREMENTAL

FUNCTIONAL

TACTILE

PIR

SWITCH

POWER 1x
ECO 0,5x

IP40

PWM
DIMABLE

CABLE
M12A

CLASS III

36
MONTHS

MADE IN SPAIN

Technical specifications

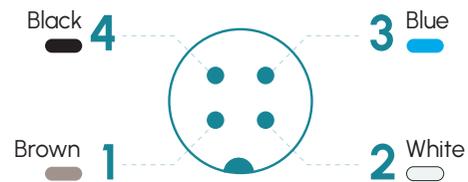
Power supply voltage	24 Vdc ±5%	
Luminous efficiency	155 lm/W	
Motion sensor disconnection delay (PIR)	5 min.	
Wavelength	Daylight white	5000K
Angle of aperture	Semidiffuse	60°
	Ultradiffuse	110°
Max. number of cascable modules	This luminaire is not cascable	
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current stabilizer	YES
Colour Rendering Index (CRI)	≥ 80	
IP Rating	IP40	
Protection type	Class III	
Operating temperature	POWER version	-10 a +40 °C
	ECO version	-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	

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 ⁽¹⁾	24 Vdc = Power on 0 Vdc = Switched on by motion sensor or touch sensor		

(1) Pin 4 is not connected in the switch version

M12A Male



Anchors

P00G1, P00G2, P00G3, P00R1, M6D16

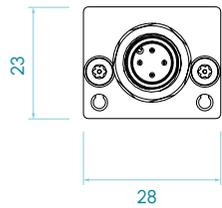
PR -S · 5000K



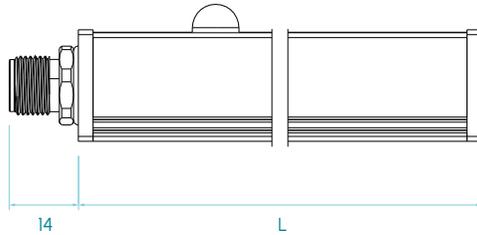
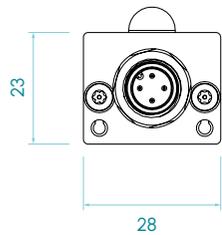
lumher

Dimensions

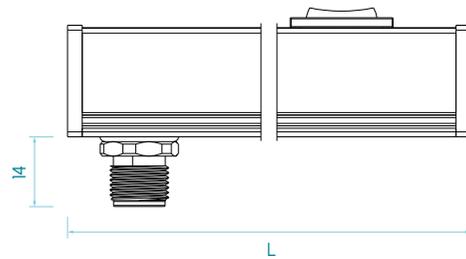
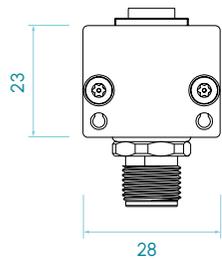
Tactile sensor + M12A axial input



Motion sensor + M12A axial input



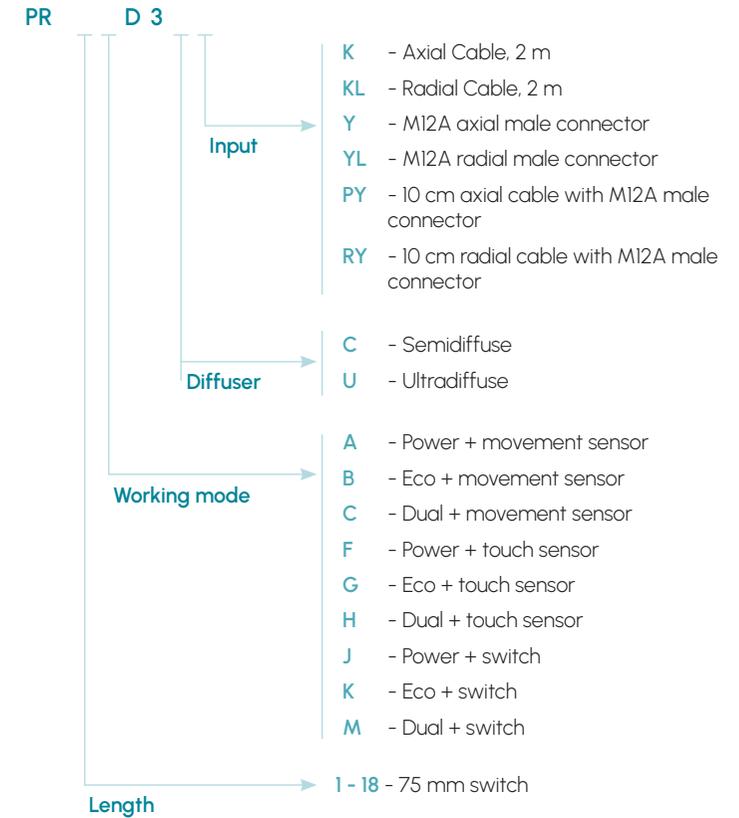
Switch + M12A radial input



Dimensions in mm

PR -S · 5000K

Selection guide



PR Series · Daylight white 5000K Sensor · Switch

5000K
DAYLIGHT
WHITE



SEMIDIFFUSE
60°



ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK
RG1 - LOW

60.000h
LIFESPAN

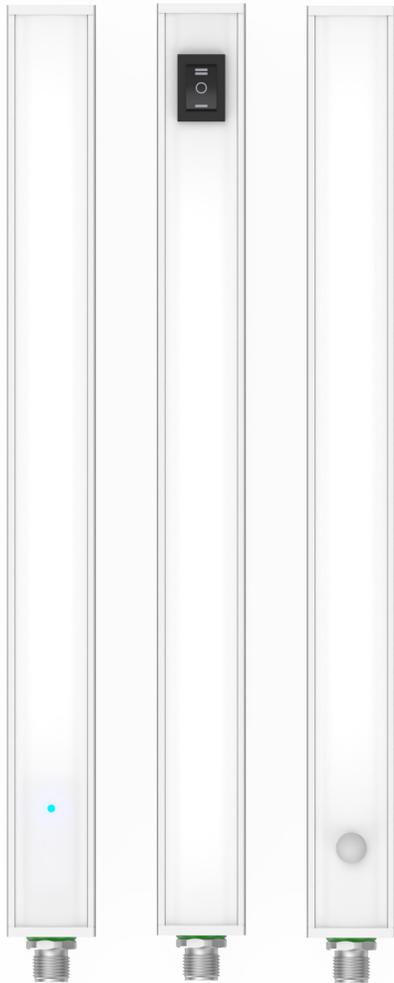


Table of characteristics

	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				
				POWER	ECO	POWER	ECO	POWER	ECO	POWER	ECO
PR 01...	140	158	89	56	28	34	17	251	126	1,6	0,8
PR 02...	215	233	129	111	56	67	33	502	251	3,2	1,6
PR 03...	290	308	169	167	84	101	50	754	377	4,8	2,4
PR 04...	365	383	209	222	112	134	67	1.005	502	6,4	3,2
PR 05...	440	458	249	278	140	168	83	1.256	628	8,0	4,0
PR 06...	515	533	289	333	168	201	100	1.507	754	9,6	4,8
PR 07...	590	608	329	389	196	235	117	1.758	879	11,2	5,6
PR 08...	665	683	369	444	224	268	133	2.010	1.005	12,8	6,4
PR 09...	740	758	409	500	251	302	150	2.261	1.130	14,4	7,2
PR 10...	815	833	449	556	279	335	167	2.512	1.256	16,0	8,0
PR 11...	890	908	489	611	307	369	183	2.763	1.382	17,6	8,8
PR 12...	965	983	529	667	335	402	200	3.014	1.507	19,2	9,6
PR 13...	1.040	1.058	569	722	363	436	217	3.266	1.633	20,8	10,4
PR 14...	1.115	1.133	609	778	391	469	233	3.517	1.758	22,4	11,2
PR 15...	1.190	1.208	649	833	419	503	250	3.768	1.884	24,0	12,0
PR 16...	1.265	1.283	689	889	447	536	267	4.019	2.010	25,6	12,8
PR 17...	1.340	1.358	729	944	475	570	283	4.270	2.135	27,2	13,6
PR 18...	1.415	1.433	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.