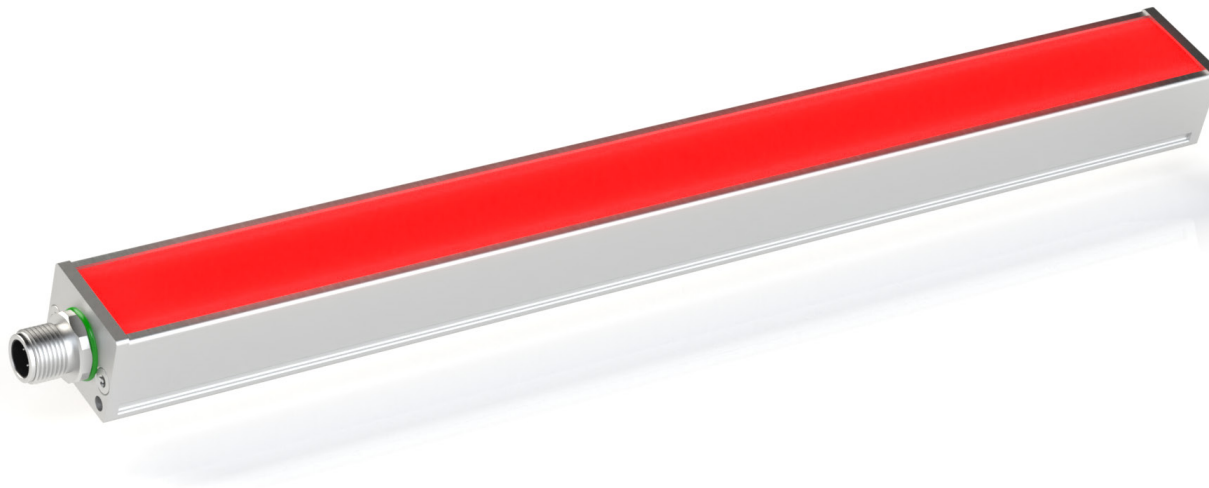


Linear · PD SERIES Red 625 nm

lumher



24 V
DC

MASTER
SLAVE

NOT
CASCADABLE

90 mm
INCREMENTAL

CABLE
M12A

MACHINE VISION

CONTINUOUS 1x
STROBE 4x

INTEGRATED
CONTROLLER

POLARIZED

IP40
IP65

36
MONTHS

EU
MADE IN SPAIN

Technical specifications

Power supply voltage	24 Vdc $\pm$ 5%	
Trigger input	24 Vdc PNP / NPN	
Max. on time	Continuous = unlimited	Strobe = 10 ms
Max. working cycle	Continuous = 1	Strobe = 1/6
Max. consumption Trigger input	1,5 mA	
Max. number of cascadable modules	This luminaire is not cascadable	
Wavelength	Red	625 nm
Beam angle	Semidiffuse	60°
	Ultradiffuse	110°
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sabitizer	YES
IP Rating	IP40 o IP65	
Protection type	Class III	
Operating temperature	-10 °C to +40 °C	
Storage temperature	0°C to +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

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

M12A Male



Fixings

P00G1 , P00G2, P00G3, P00R1, P00R2, P00R3, P00R4, M6DI6

PD · 625 nm

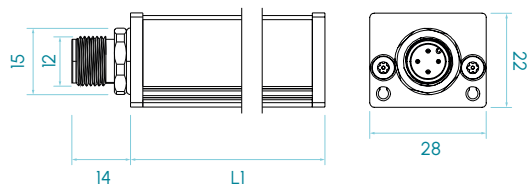


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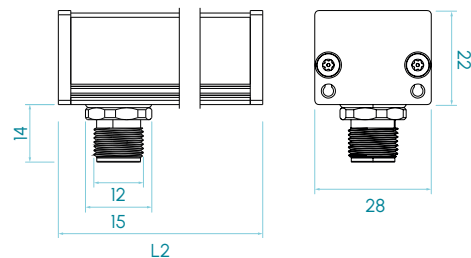
Measures

IP40

M12A axial version

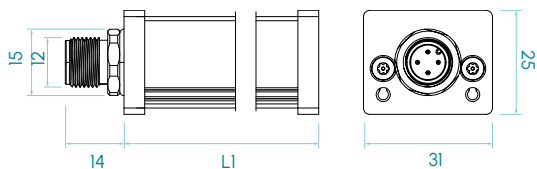


M12A radial version

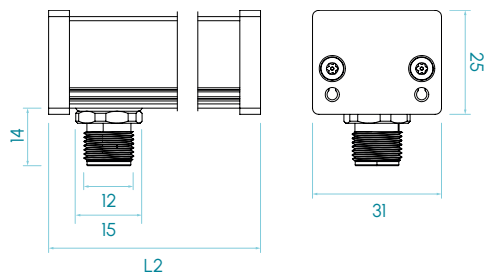


IP65

M12A axial version



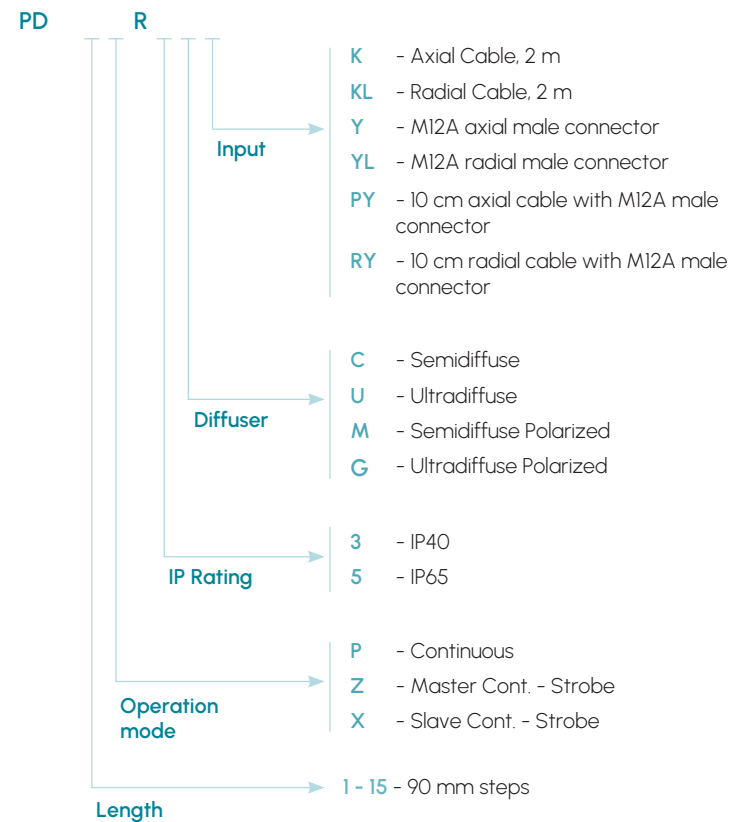
M12A radial version



Measures in mm

PD · 625 nm

Selection guide



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Model PD · Red 625 nm



625nm

RED

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Length	Length	Weight	Luminous flux ⁽²⁾		Power consumed	
	L1 ⁽¹⁾	L2 ⁽¹⁾		(lm)		(W)	
	(mm)	(mm)		CONT.	STROBE	CONT.	STROBE
PD 01...	120	138	97	97	388	1,9	7,6
PD 02...	210	228	145	194	775	3,8	15,2
PD 03...	300	318	193	291	1.163	5,7	22,8
PD 04...	390	408	241	388	1.550	7,6	30,4
PD 05...	480	498	289	485	1.938	9,5	38,0
PD 06...	570	588	337	581	2.326	11,4	45,6
PD 07...	660	678	385	678	2.713	13,3	53,2
PD 08...	750	768	433	775	3.101	15,2	60,8
PD 09...	840	858	481	872	3.488	17,1	68,4
PD 10...	930	948	529	969	3.876	19,0	76,0
PD 11...	1.020	1.038	577	1.066	4.264	20,9	83,6
PD 12...	1.110	1.128	625	1.163	4.651	22,8	91,2
PD 13...	1.200	1.218	673	1.260	-	24,7	-
PD 14...	1.290	1.308	721	1.357	-	26,6	-
PD 15...	1.380	1.398	769	1.454	-	28,5	-

(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.