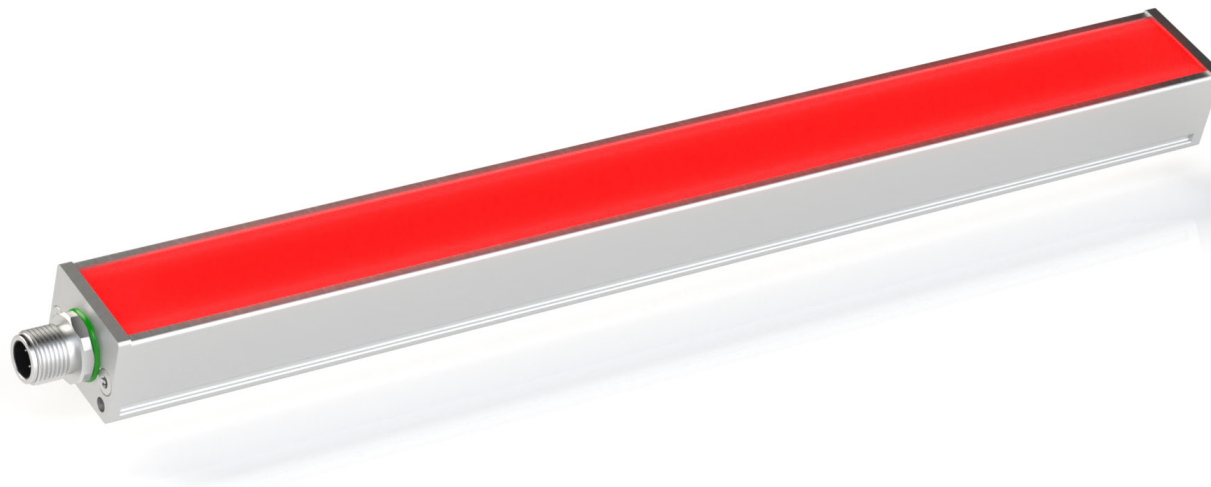


# Linear · PD SERIES Red 625 nm

lumher



24 V  
DC

MASTER  
SLAVE

NOT  
CASCADABLE

90 mm  
INCREMENTAL

CABLE  
M12A

MACHINE VISION

POWER 1x  
STROBE 4x

INTEGRATED  
CONTROLLER

POLARIZED

IP40  
IP65

36  
MONTHS

EU  
MADE IN SPAIN

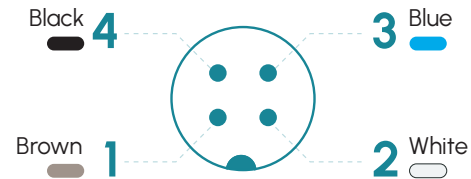
## Technical specifications

Power supply voltage	24 Vdc ±5%	
Trigger input	24 Vdc PNP	
Max. on time	Power = unlimited	Strobe = 10 ms
Max. working cycle	Power = 1	Strobe = 1/6
Max. number of cascable modules	This luminaire is not cascable	
Wavelength	Red	625 nm
Angle of aperture	Semidiffuse Ultradiffuse	60° 110°
Electrical protections	Transient overvoltages Polarity reversal Current sablizer	YES YES YES
IP Rating	IP40 o IP65	
Protection type	Class III	
Operating temperature	-10 a +40 °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

M12A input - Cable	Power	Master Power - Strobe	Slave Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	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, M6D16

PD · 625 nm

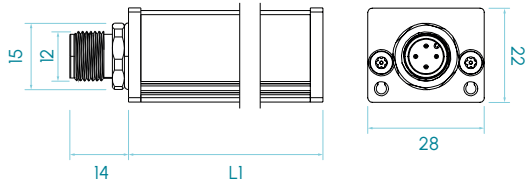


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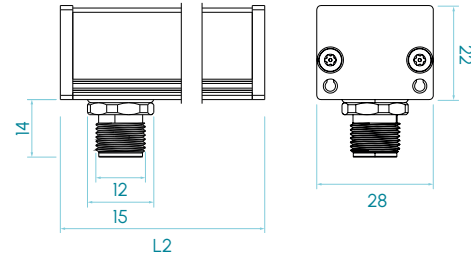
## Measures

### IP40

#### M12A axial version

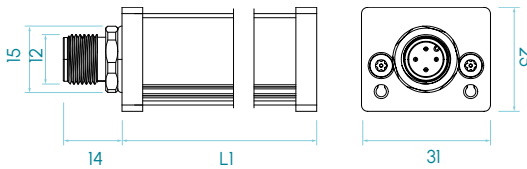


#### M12A radial version

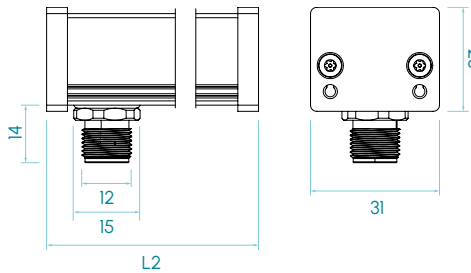


### IP65

#### M12A axial version



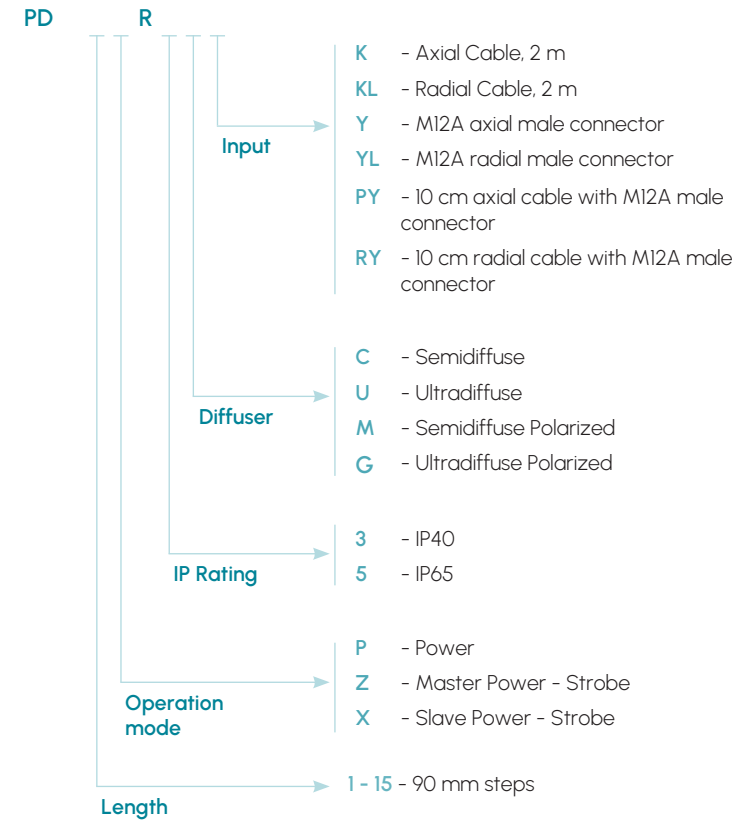
#### M12A radial version



Measures in mm

# PD · 625 nm

## Selection guide




# 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 <sup>(2)</sup>		Power consumed	
	L1 <sup>(1)</sup>	L2 <sup>(1)</sup>		(lm)		(W)	
	(mm)	(mm)		POWER	STROBE	POWER	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.