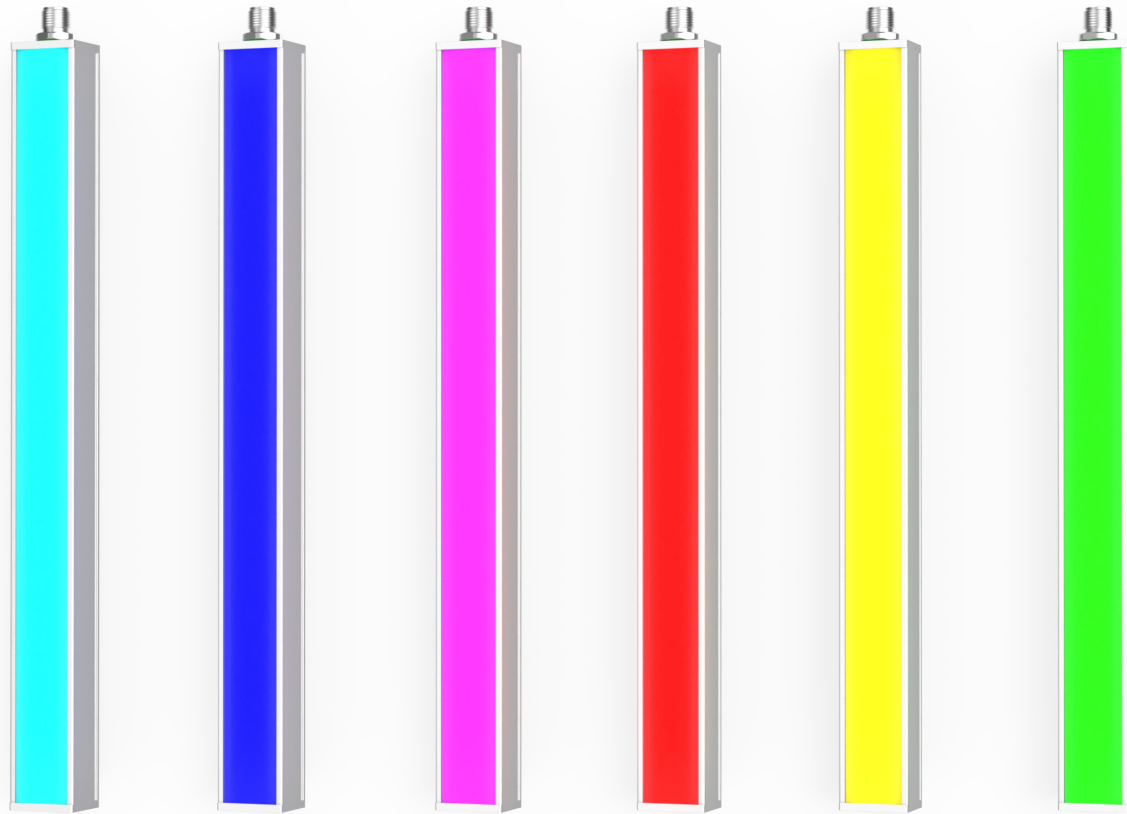


# Linear · PD SERIES RGB

lumher



24 V  
DC

PWM  
DIMABLE

NOT  
CASCADABLE

90 mm  
INCREMENTAL

CABLE  
M12A

POLARIZED

RGB

MACHINE VISION

SIGNALING

IP40  
IP65

36  
MONTHS

MADE IN SPAIN

CLASS III

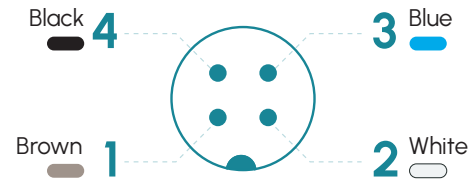
## Technical specifications

Power supply voltage	24 Vdc $\pm$ 5%	
Polarity	Positiva PNP (common: 0 Vdc)	
PWM regulation (Max 25 KHz)	min. 0%	max. 100%
Max. number of cascadable modules	This luminaire is not cascadable	
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sabilizer	YES
Angle of aperture	Semidiffuse	60°
	Ultradiffuse	110°
Wavelength	R = 625 nm G = 520 nm B = 465 nm	
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
Pin 1 - Brown	+24 Vdc (Green)
Pin 2 - White	+24 Vdc (Blue)
Pin 3 - Blue	0 Vdc
Pin 4 - Black	+24 Vdc (Red)

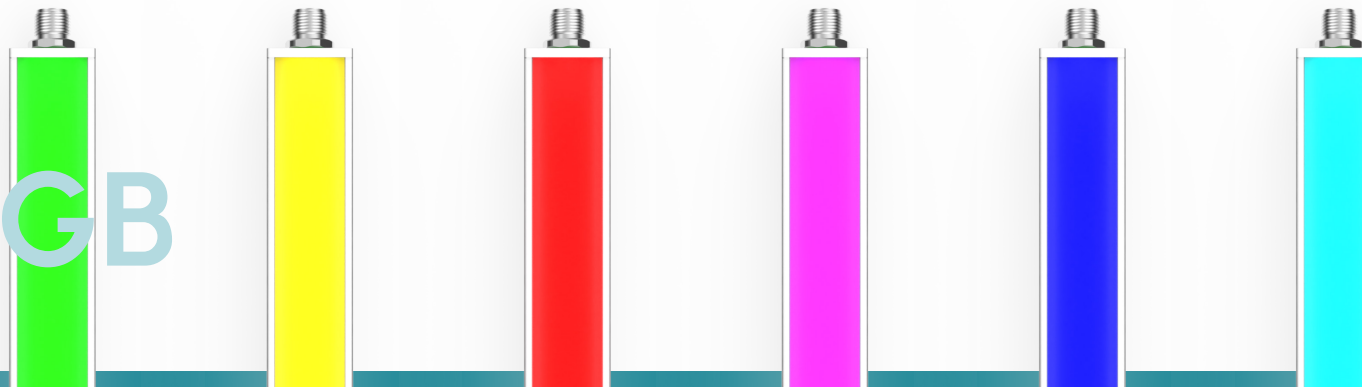
### M12A Male



## Fixings

P00G1 , P00G2, P00G3, P00R1, P00R2, P00R3, P00R4,M6D16

PD · RGB

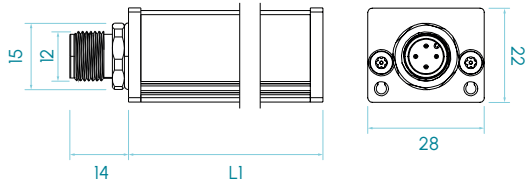


lumher

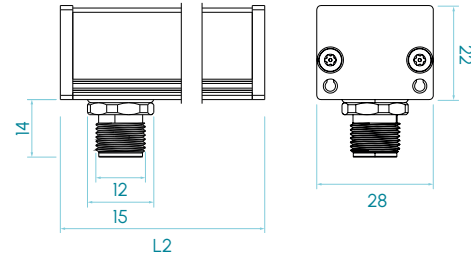
## Measures

### IP40

#### M12A axial version

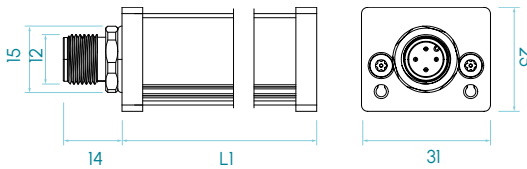


#### M12A radial version

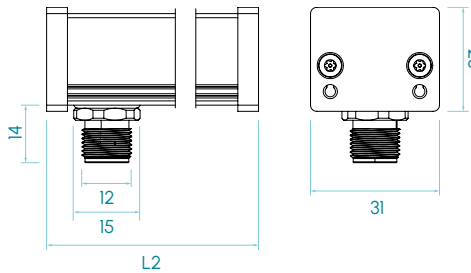


### IP65

#### M12A axial version



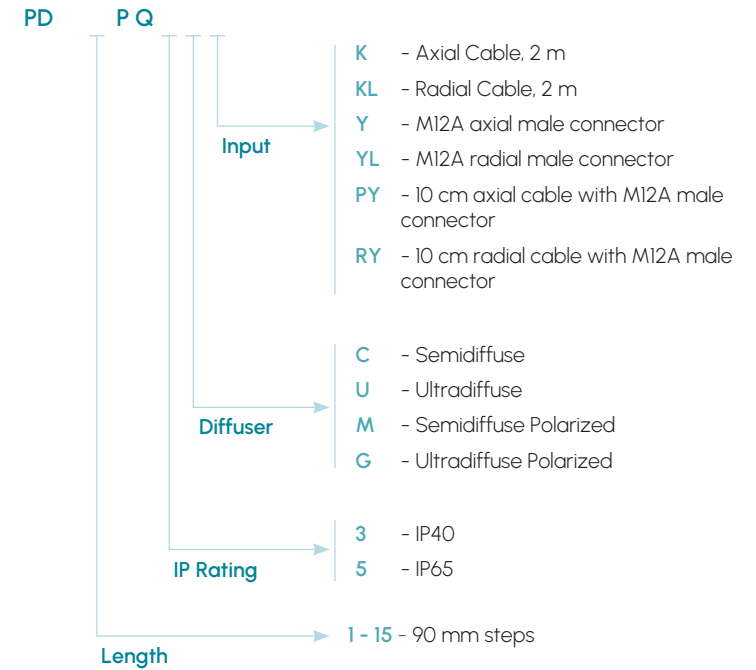
#### M12A radial version



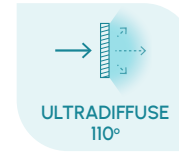
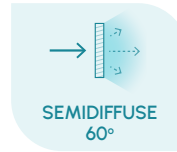
Measures in mm

# PD · RGB

## Selection guide



## Model PD · RGB



### Table of characteristics

	Length	Length	Weight (g)	Luminous flux <sup>(2)</sup> (lm)			Power consumed (W)
	L1 <sup>(1)</sup>	L2 <sup>(1)</sup>		R	G	B	
	(mm)	(mm)					
PD 01...	120	138	97	10	26	7	1,8
PD 02...	210	228	145	19	52	14	3,6
PD 03...	300	318	193	29	77	22	5,4
PD 04...	390	408	241	38	103	29	7,2
PD 05...	480	498	289	48	129	36	9,0
PD 06...	570	588	337	58	155	43	10,8
PD 07...	660	678	385	67	181	50	12,6
PD 08...	750	768	433	77	206	58	14,4
PD 09...	840	858	481	86	232	65	16,2
PD 10...	930	948	529	96	258	72	18,0
PD 11...	1.020	1.038	577	106	284	79	19,8
PD 12...	1.110	1.128	625	115	310	86	21,6
PD 13...	1.200	1.218	673	125	335	94	23,4
PD 14...	1.290	1.308	721	134	361	101	25,2
PD 15...	1.380	1.398	769	144	387	108	27,0

(1) The versions with radial input and/or output will have as length L2, the rest will be L1.

(2) Luminous flux (lm) is before diffuser.

PD

**lumher**