

24 V  
DC

PWM  
DIMABLE

NOT  
CASCADABLE

M12A

7 COLORS

MACHINE VISION

SIGNALING

IP40  
IP65

CLASS III

36  
MONTHS

EU  
MADE IN SPAIN

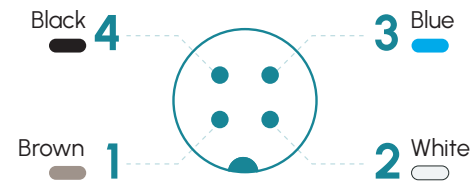
## Technical specifications

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 sablizer	YES
Beam angle	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 °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

Input M12A - Cable	Power
Pin 1 - Brown	+24 Vdc (1 <sup>st</sup> section)
Pin 2 - White	+24 Vdc (2 <sup>nd</sup> section)
Pin 3 - Blue	0 Vdc
Pin 4 - Black	+24 Vdc (3 <sup>rd</sup> section)

### M12A Male



### Fixings

P00G1 , P00G2, P00G3, P00R1, M6D16

PB

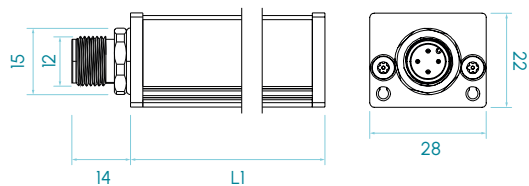


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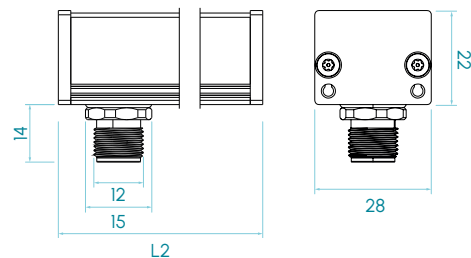
## Measures

### IP40

#### M12A axial version

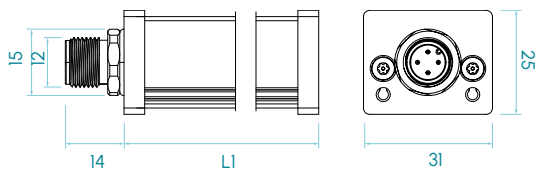


#### M12A radial version

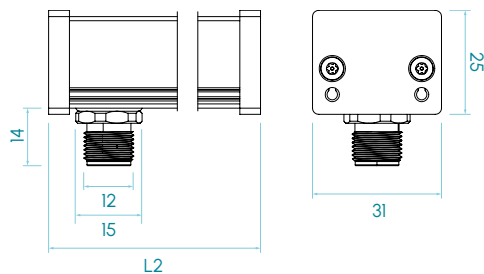


### IP65

#### M12A axial version



#### M12A radial version

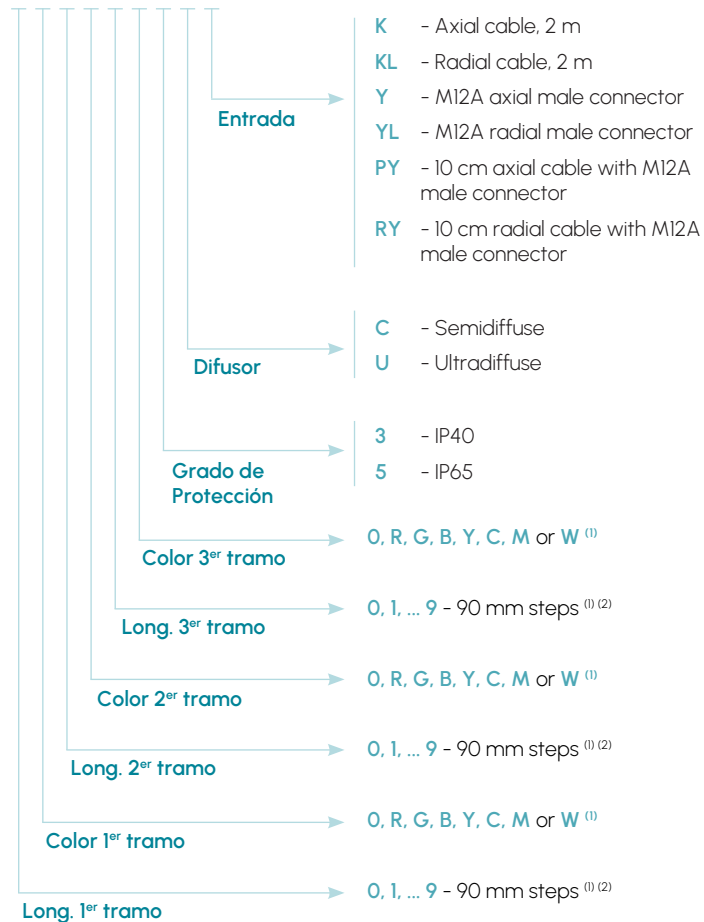


Measures in mm

# PB

## Selection guide

### PB

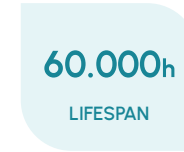
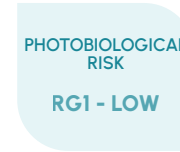
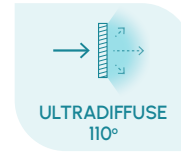
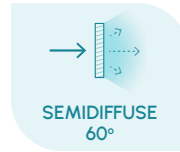


(1) 0 indicates that this section is inactive and does not occupy space.

(2) The total number of modules in the three sections may not exceed 15.

# lumher

# Beacon · PB



PB

## Table of characteristics

	L1 (mm)	L2 (mm)	(g)	Luminous flux (lm)			Power consumed (W)
				R	G	B	
PB (1 step)	120	138	97	10	0	0	0,6
PB (2 steps)	210	228	145	0	26	0	0,6
PB (3 steps)	300	318	193	0	0	7	0,6
PB (4 steps)	390	408	241	10	26	0	1,2
PB (5 steps)	480	498	289	0	26	7	1,2
PB (6 steps)	570	588	337	10	0	7	1,2
PB (7 steps)	660	678	385	10	26	7	1,8
PB (8 steps)	750	768	433				
PB (9 steps)	840	858	481				
PB (10 steps)	930	948	529				
PB (11 steps)	1.020	1.038	577				
PB (12 steps)	1.110	1.128	625				
PB (13 steps)	1.200	1.218	673				
PB (14 steps)	1.290	1.308	721				
PB (15 steps)	1.380	1.398	769				