

24 V  
DC

PWM  
DIMABLE

CASCADABLE

M12A

7 COLORS

MACHINE VISION

SIGNALING

IP40  
IP65

CLASS III

36  
MONTHS

EU  
MADE IN SPAIN

## Technical specifications

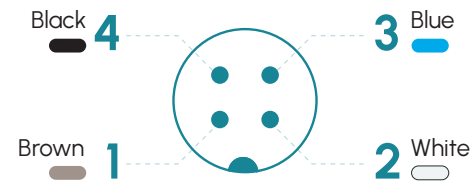
Power supply voltage	24 Vdc $\pm$ 5%	
Polarity	Positive PNP (common: 0 Vdc)	
PWM regulation (Max 25 KHz)	min. 0%	max. 100%
Max. number of cascadable modules <sup>(1)</sup>	44 modules	
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sablizer	YES
Angle of aperture	Semidiffuse	60°
	Ultradiffuse	110°
Wavelength	R = 625 nm G = 520 nm B = 465 nm	
IP Rating	IP40 or 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	

(1) The number representing the length of the luminaire is the number of modules it has.

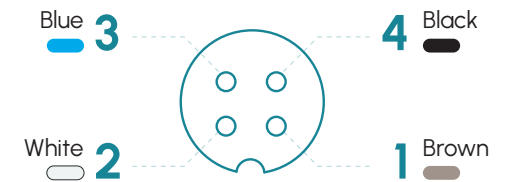
## Connection

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

### M12A Male



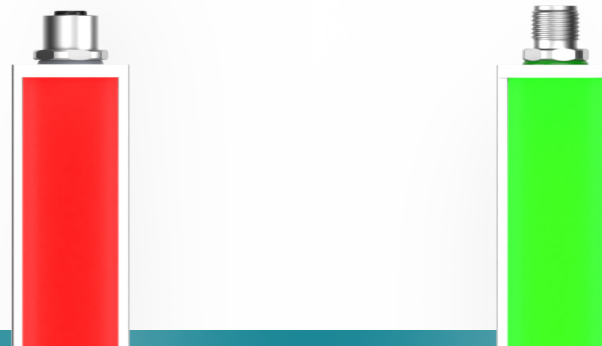
### M12A Female



## Fixings

P00G1 , P00G2, P00G3, P00R1, M6D16

PBX

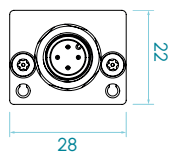
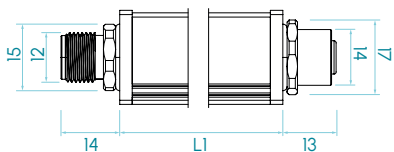


lumher

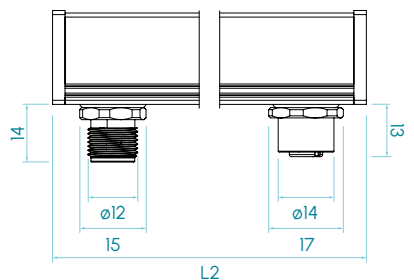
## Measures

IP40

M12A axial version

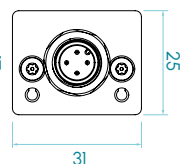
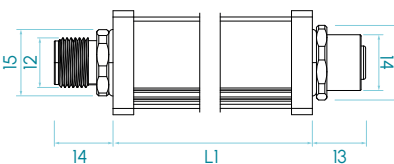


M12A radial version

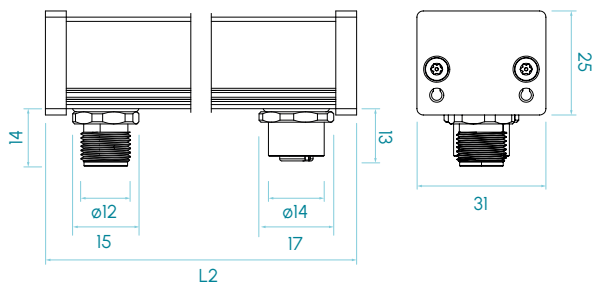


IP65

M12A axial version



M12A radial version

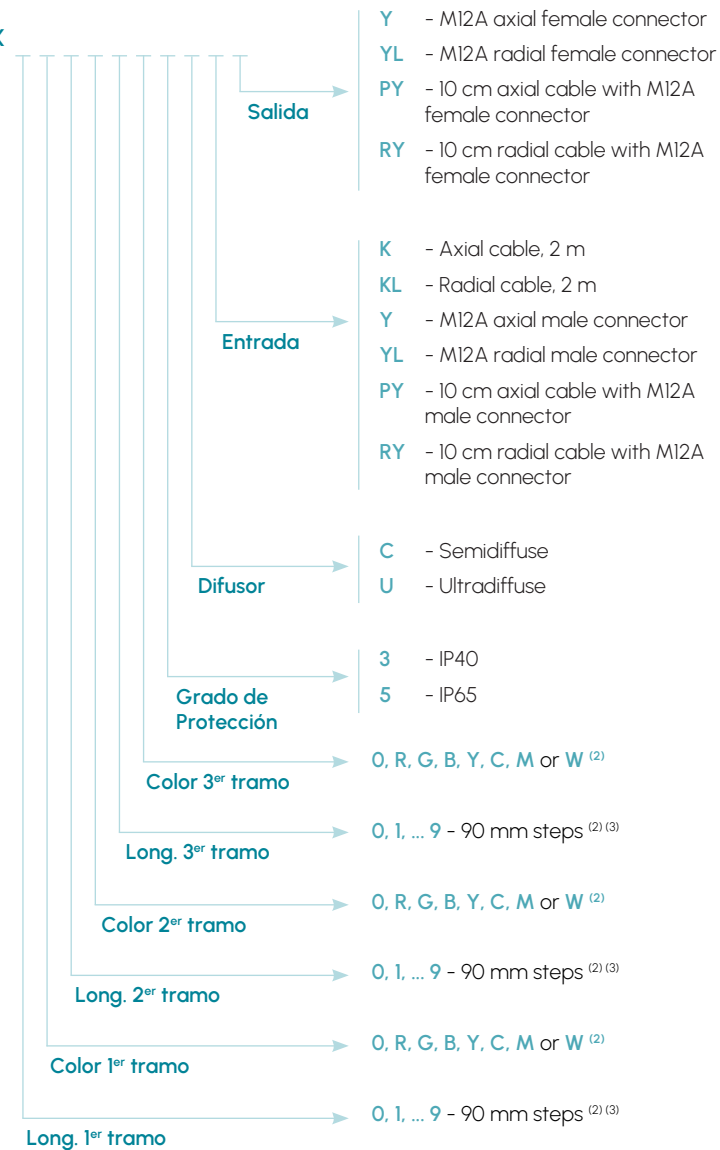


Measures in mm

# PBX

## Selection guide

PBX



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

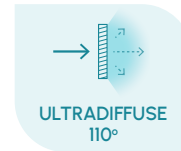
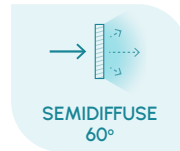
(2) The total number of modules in the three sections may not exceed 15.

# lumher

# Beacon · PBX



PBX



## Table of characteristics

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

1 module R (red)	10	0	0	0,6
1 module G (green)	0	26	0	0,6
1 module B (blue)	0	0	7	0,6
1 module Y (yellow)	10	26	0	1,2
1 module C (cyan)	0	26	7	1,2
1 module M (magenta)	10	0	7	1,2
1 module W (white)	10	26	7	1,8