

Parallel · P2D SERIES Infrared 850 nm

lumher



24 V
DC

NOT
CASCADABLE

CABLE
M12A

MACHINE VISION

POWER 1x
STROBE 4x

INTEGRATED
CONTROLLER

IP40
IP65

36
MONTHS

MADE IN SPAIN

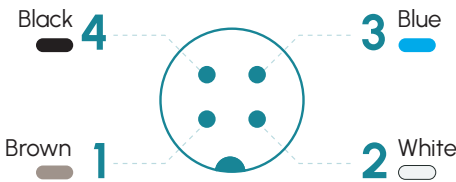
Technical specifications

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	Infrared	850 nm
Angle of aperture	Semidiffuse	60°
	Ultradiffuse	110°
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sabilizer	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

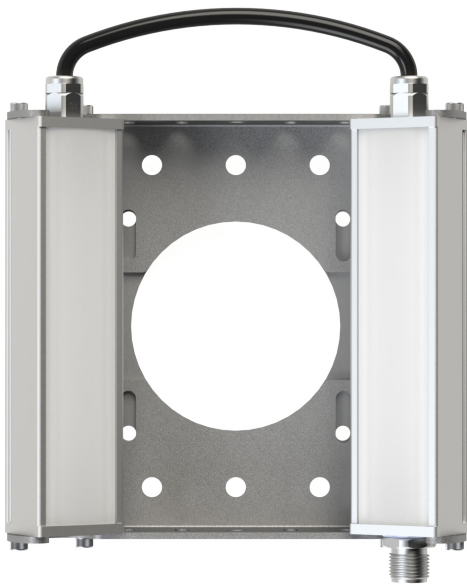
M12A input - Cable	Power	Master Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP

M12A Male



Fixings

C00F1, P00R2

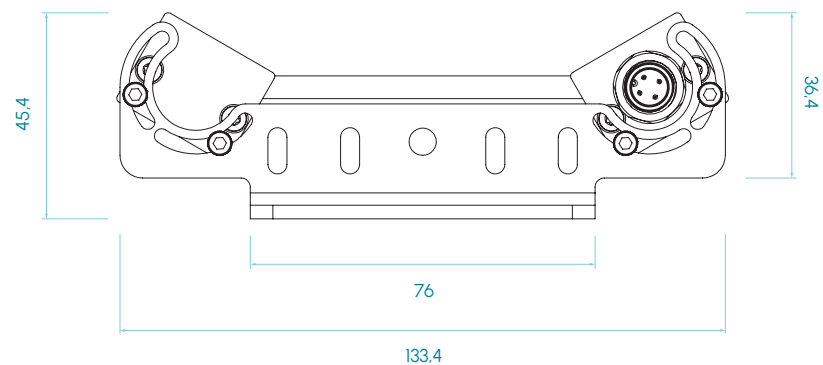
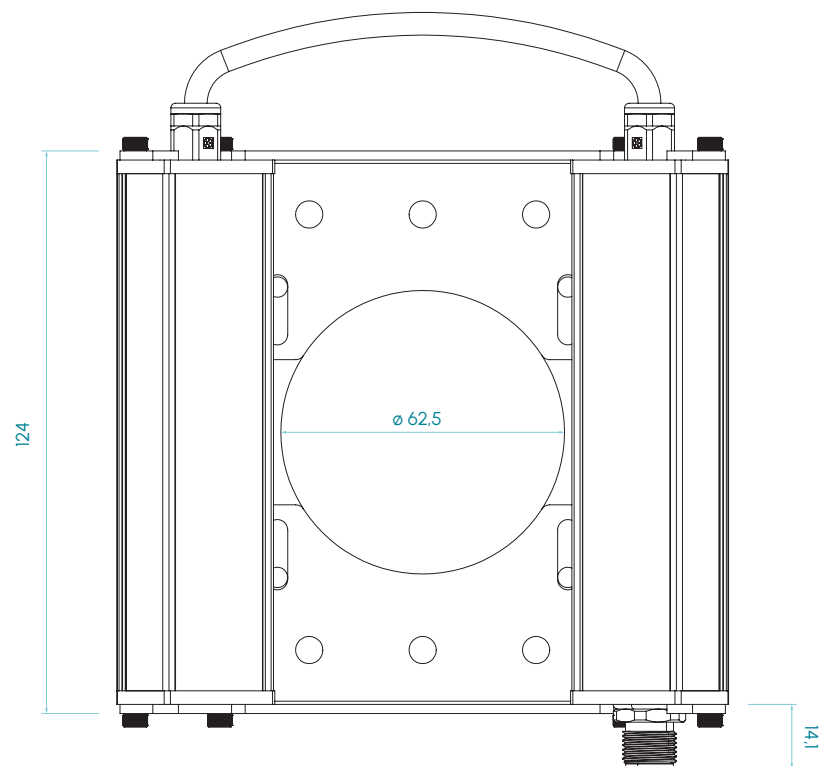


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Measures

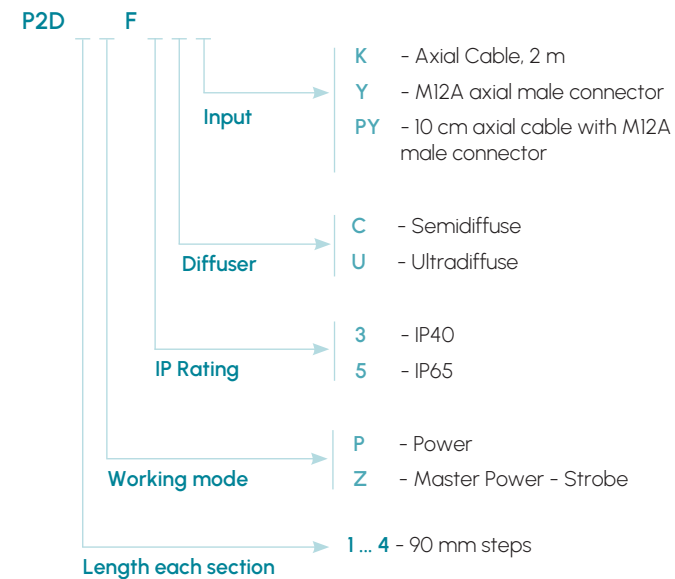
IP40 / IP65



Measures in mm

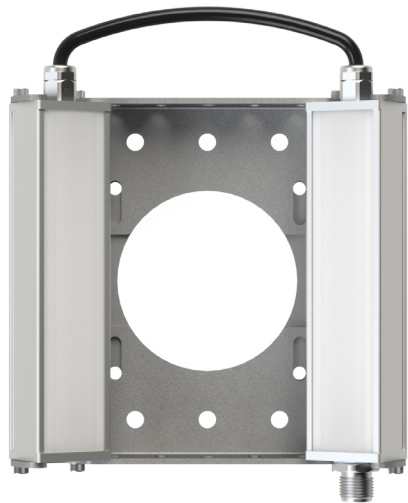
P2D · 850 nm

Selection guide



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Model P2D · Infrared 850 nm



850nm

INFRARED

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Width	Length	Weight	Radiated power ⁽²⁾		Power consumed	
				(W)		(W)	
	(mm)	(mm)	(g)	POWER	STROBE	POWER	STROBE
P2D 1...	135	124	427	0,8	3,2	2,0	8,0
P2D 2...	135	215	780	1,6	6,4	4,0	16,0
P2D 3...	135	305	1.130	2,4	9,6	6,0	24,0
P2D 4...	135	395	1.480	3,2	12,8	8,0	32,0

(2)The radiated power (W) is before the diffuser.