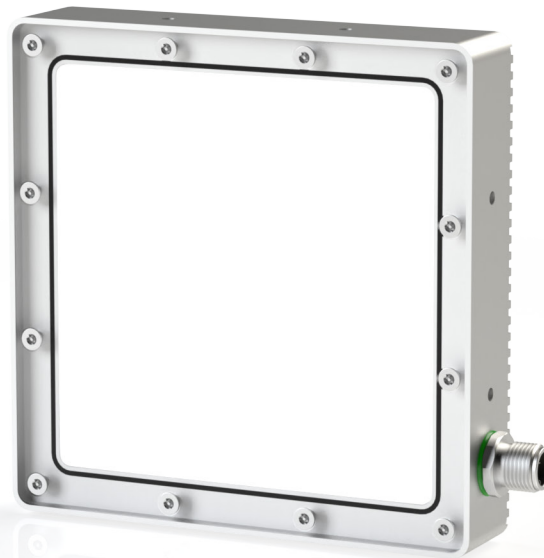


Backlight · BD1 Series White 5000K

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24 V
DC



NOT
CASCADABLE

IP65



M12A



MACHINE VISION

CONTINUOUS 1x
STROBE 4x



INTEGRATED
CONTROLLER



POLARIZED

36
MONTHS



MADE IN SPAIN

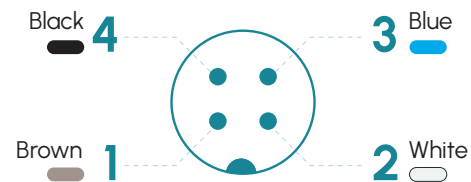
Technical specifications

Power supply voltage	24 Vdc \pm 5%	
Trigger input	24 Vdc PNP / NPN	
Max. on time	Continuous = unlimited	Strobe = 10 ms
Max. working cycle	Continuous = 1	Strobe = 1/6
Max. consumption Trigger input	1,5 mA	
Max. number of cascadable modules	This luminaire is not cascadable	
Wavelength	White	5000 K
Beam angle	Semidiffuse Ultradiffuse	110° 110°
Electrical protections	Transient overvoltages Polarity reversal Current sabilizer	YES YES YES
IP Rating	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	
Diffuser material	Methacrylate	
Connection types	M12A connector	
Standards	RoHs, CE	

Connection

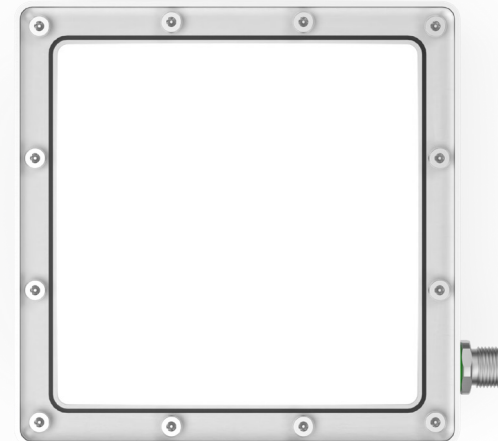
M12A input	Continuous	Master Continuous - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Trigger NPN
Pin 3 - Blue	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP

M12A Male



Fixings

B00S1

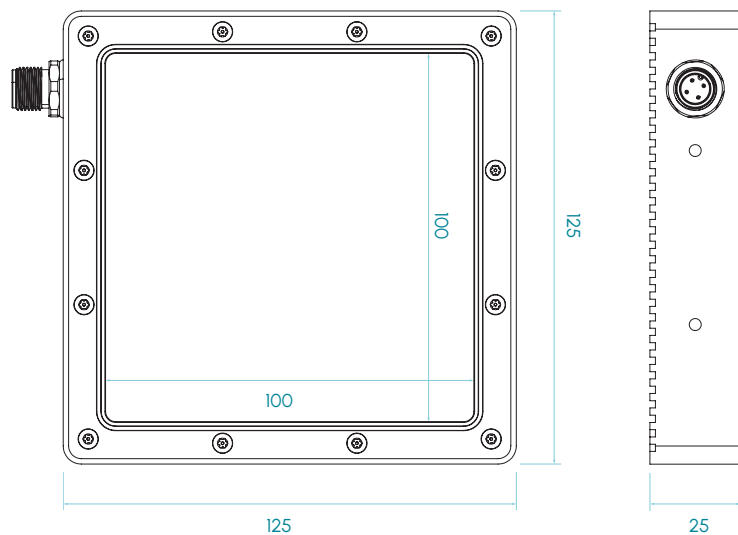


BD1 · 5000K

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Measures

BD1

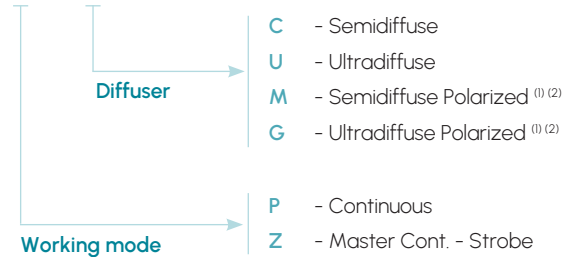


Measures in mm

BD1 · 5000K

Selection guide

BD 1 D 5 Y

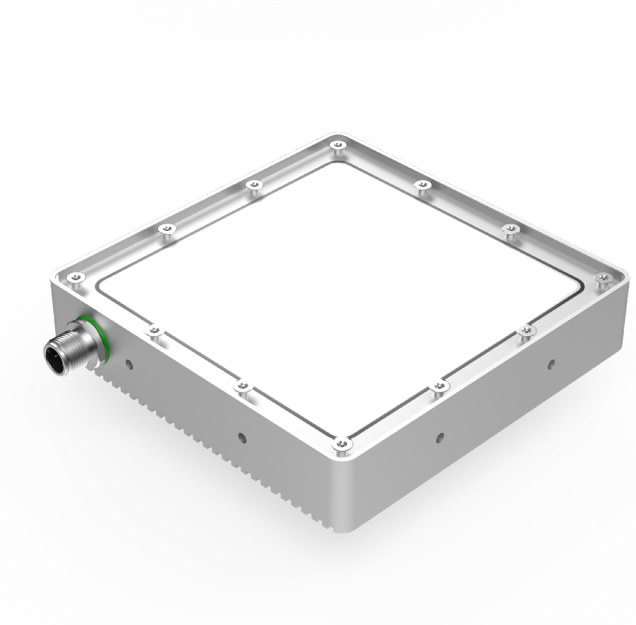
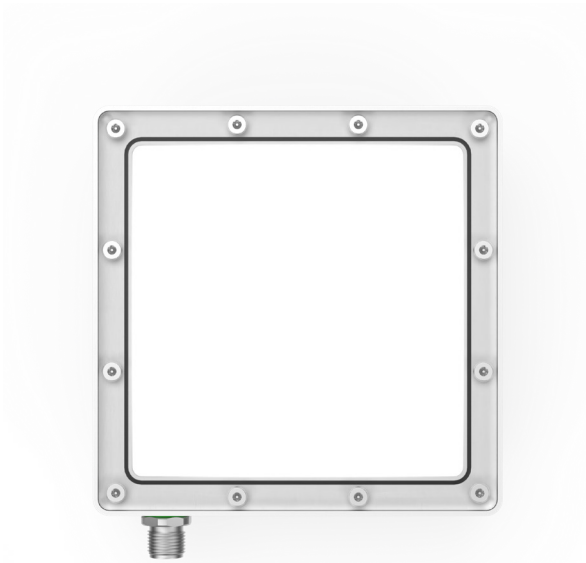


(1) Light polarization performs optimally with a clear diffuser; using semi-diffused or ultra-diffused diffusers may compromise polarization.

(2) The use of a polarizing filter in continuous operation and white lighting is not recommended due to fast degradation of the filter caused by temperature.

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Model BD1 · White 5000K



5000K

WHITE



SEMIDIFFUSE
110°



ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Width	Length	Weight	Luminous flux ⁽³⁾		Power consumed	
	(mm)	(mm)	(g)	(lm)		(W)	
				CONT.	STROBE	CONT.	STROBE
BD 1 ...	125	125	500	1.085	4.340	7,0	28,0

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

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