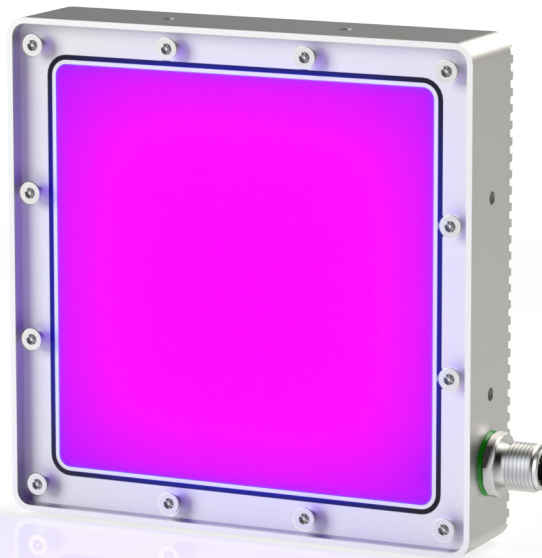


Backlight · BD1 SERIES Ultraviolet 365 nm

lumher



24 V
DC

NOT
CASCADABLE

IP65

M12A

MACHINE VISION

CONTINUOUS 1x
STROBE 4x

INTEGRATED
CONTROLLER

36
MONTHS

EU
MADE IN SPAIN

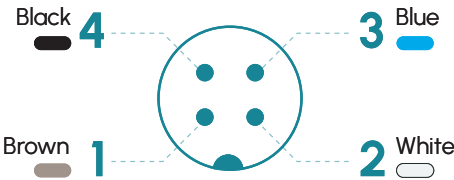
Technical specifications

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	Ultraviolet	365 nm
Beam angle	Transparent	110°
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sablizer	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	PMMA plastic	
Connection types	M12A connector	
Standards	RoHs, CE	

Connection

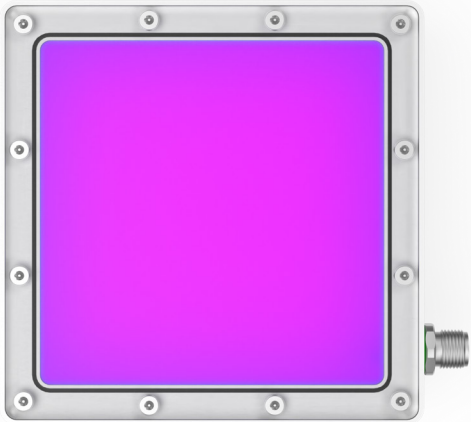
M12A input	Continuous	Master Continuous - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Trigger NPN
Pin 3 - Blue	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP

M12A Male



Fixings

B00S1

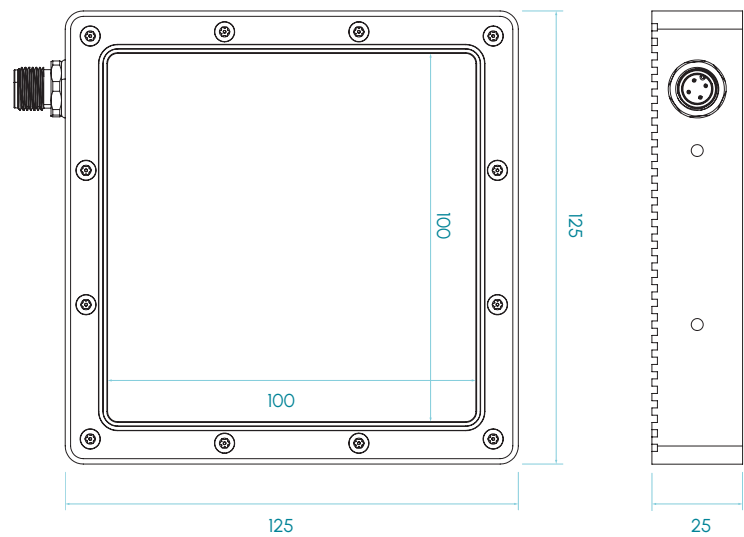


BD1 · 365 nm

lumher

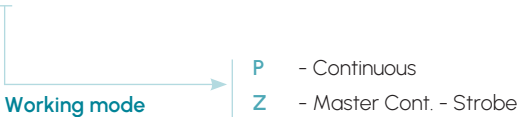
Measures

BD1



Selection guide

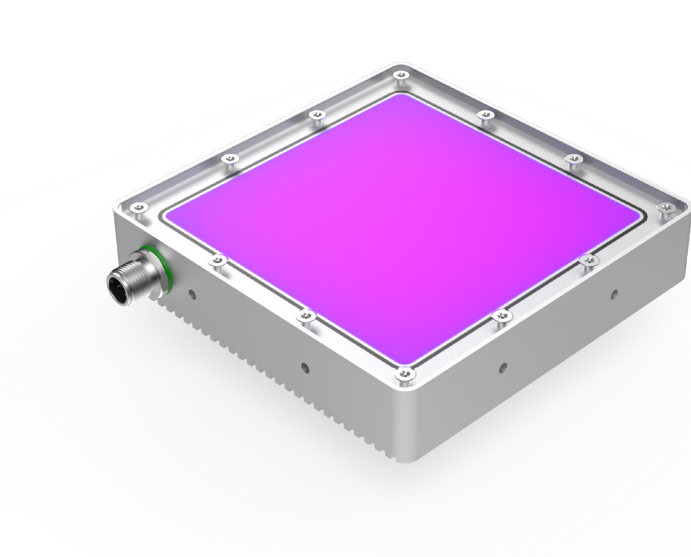
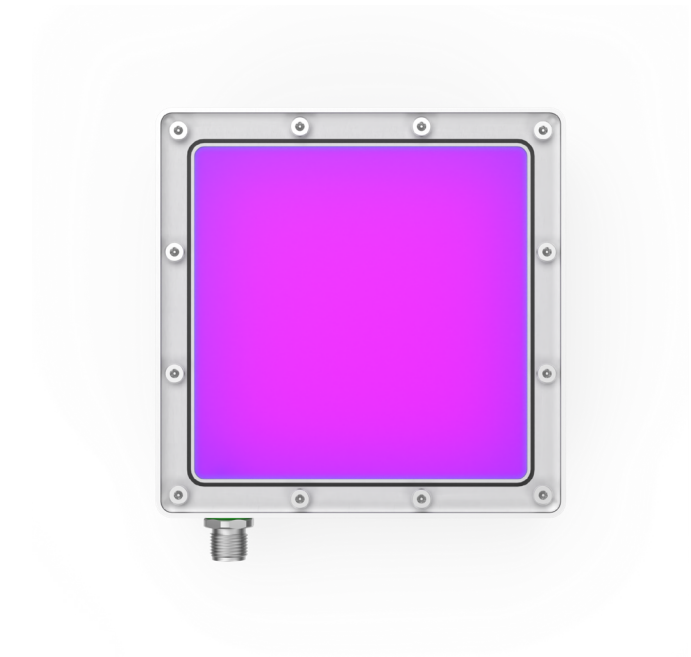
BD 1 U 5 T Y



Measures in mm

BD1 · 365 nm

Model BD1 · Ultraviolet 365 nm



365nm

ULTRAVIOLET

TRANSPARENT
110°

PHOTOBIOLOGICAL
RISK

RG2 - MEDIUM

15.000h

LIFESPAN

Table of characteristics

	Width	Length	Weight	Radiated power ⁽¹⁾		Power consumed	
				(W)		(W)	
	(mm)	(mm)	(g)	CONT.	STROBE	CONT.	STROBE
BD 1 ...	125	125	500	3,4	13,7	7,0	28,0

(1) Radiated power (W) is before the diffuser.