

Spot · BS SERIES Infrared 850nm

lumher



24 V
DC

NOT
CASCADABLE

IP65

M12A

MACHINE VISION

POWER 1x
STROBE 3x

INTEGRATED
CONTROLLER

36
MONTHS

EU
MADE IN SPAIN

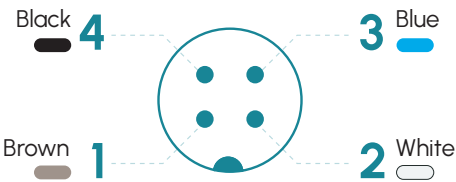
Technical specifications

Power supply voltage	24 Vdc ±5%	
Trigger input	24 Vdc PNP	
Max. on time	Power = unlimited	Strobe = 50 ms
Max. working cycle	Power = 1	Strobe = 1/4
Max. number of cascable modules	This luminaire is not cascable	
Wavelength	Infrared	850 nm
Beam angle	Transparent	6° 15° 40°
Electrical protections	Transient overvoltages Polarity reversal Current sabitizer	YES YES YES
IP Rating	IP65	
Protection type	Class III	
Operating temperature	-10 a +40 °C	
Body material	Anodized aluminum	
Lenses material	PMMA plastic	
Connection types	M12A connector	
Standards	RoHs, CE	

Connection

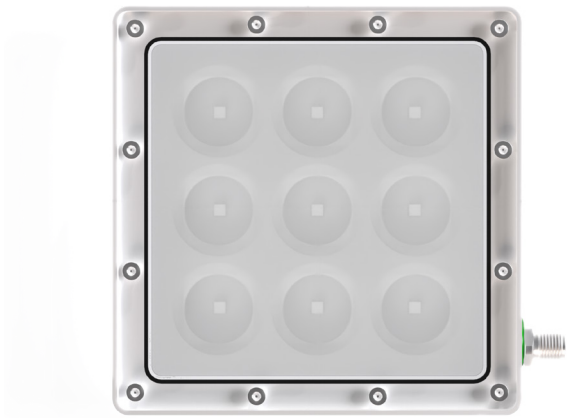
M12A input	Power	Master Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Trigger NPN
Pin 3 - Blue	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP

M12A Male



Fixings

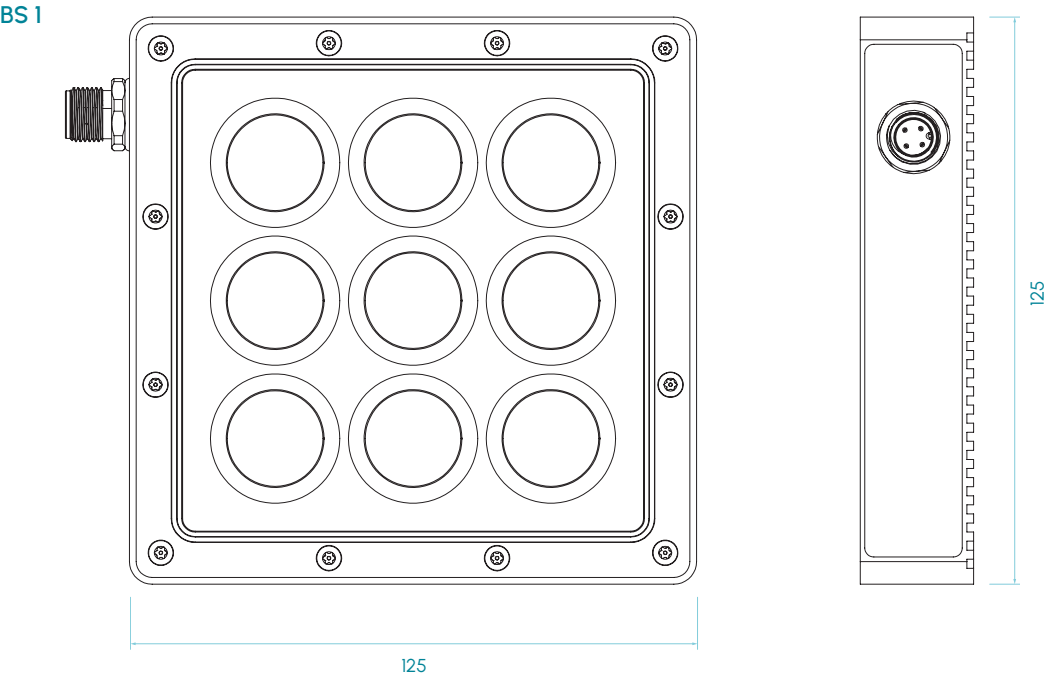
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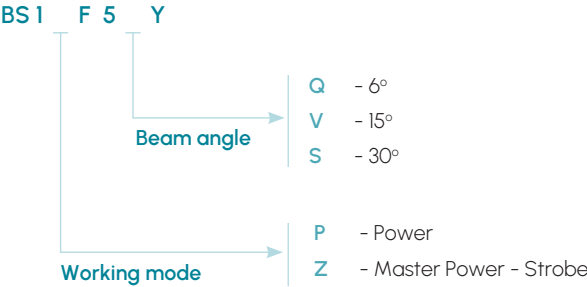
BS · 850nm

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Measures



Selection guide



Measures in mm

BS · 850nm

Model BS · Infrared 850 nm



850nm

INFRARED

TRANSPARENT
6°

TRANSPARENT
15°

TRANSPARENT
30°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Width	Length	Weight	Radiated power ⁽¹⁾		Power consumed	
	(mm)	(mm)	(g)	(mW)		(W)	
				POWER	STROBE	POWER	STROBE
BS 1 ...	125	125	500	5.388	16.179	7,9	30,7

(1) The radiated power (mW) is before the lenses.