

Ring · RD1 SERIES Infrared 850 nm

lumher



24 V
DC

NOT
CASCADABLE

IP65

M12A

MACHINE VISION

POWER 1x
STROBE 4x

INTEGRATED
CONTROLLER

36
MONTHS

EU
MADE IN SPAIN

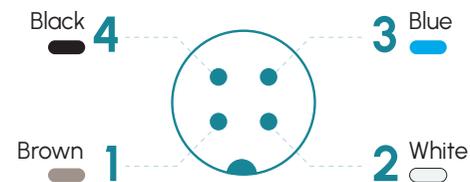
Technical specifications

Power supply voltage	24 Vdc \pm 5%	
Trigger input	24 Vdc PNP	
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 Ultradiffuse	110° 110°
Electrical protections	Transient overvoltages Polarity reversal Current stabilizer	YES YES YES
IP Rating	IP65	
Protection type	Class III	
Operating temperature	-10 a +40 °C	
Body material	Anodized aluminum	
Diffuser material	PMMA plastic	
Connection types	M12A connector	
Standards	RoHs, CE	

Connection

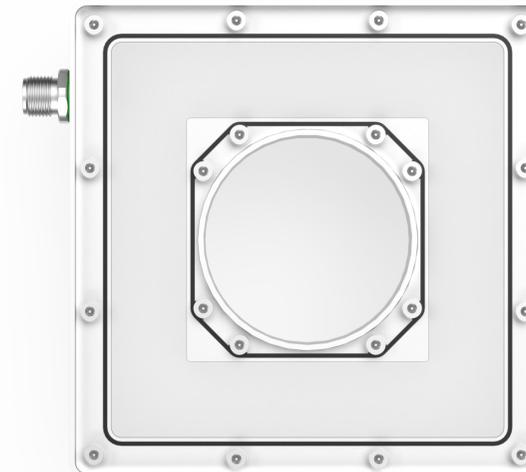
M12A input	Power	Master Power - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected
Pin 3 - Blue	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP

M12A Male



Anchors

B00S1

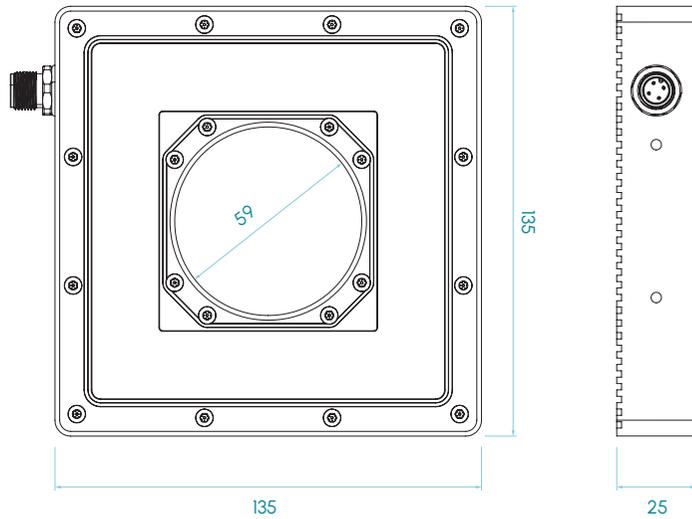


RD1 · 850 nm

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Dimensions

RD1



Selection guide

RD 1 F 5 Y

Diffuser

C - Semidiffuse

U - Ultradiffuse

Working mode

P - Power

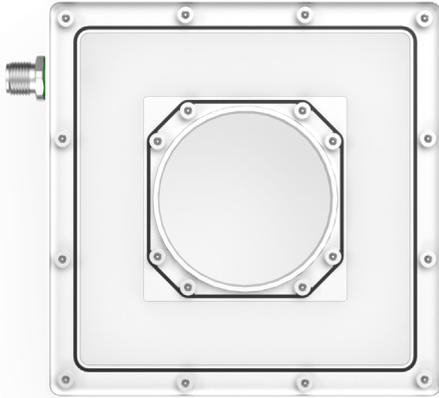
Z - Master Power - Strobe

Dimensions in mm

RD1 · 850 nm

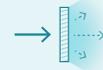
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Model RD1 · Infrared 850 nm



850nm

INFRARED



SEMIDIFFUSE
110°



ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

	Width	Length	Weight	Radiated power ⁽¹⁾		Power consumed	
	(mm)	(mm)	(g)	(W)		(W)	
				POWER	STROBE	POWER	STROBE
RD 1 ...	135	135	615	1,6	6,4	4,0	16,0

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