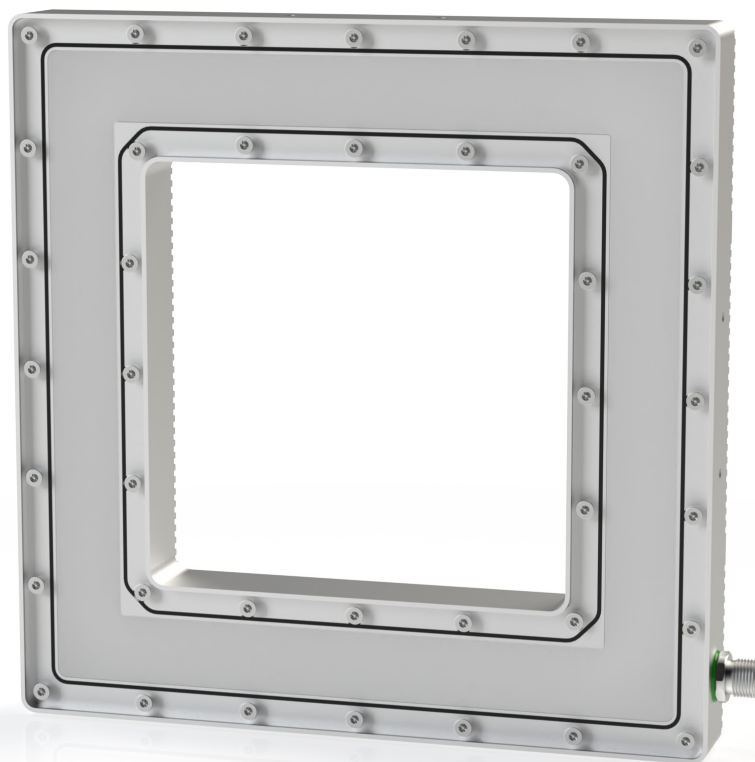


Ring · RD2 SERIES Infrared 850 nm

lumher



24 V
DC



NOT
CASCADABLE

IP65



M12A



MACHINE VISION

CONTINUOUS 1x
STROBE 4x



INTEGRATED
CONTROLLER

36
MONTHS



MADE IN SPAIN

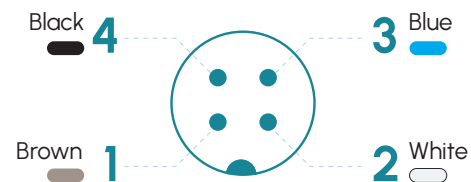
Technical specifications

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 cascable modules	This luminaire is not cascable	
Wavelength	Infrared	850 nm
Beam angle	Semidiffuse	110°
	Ultradiffuse	110°
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sabilizer	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

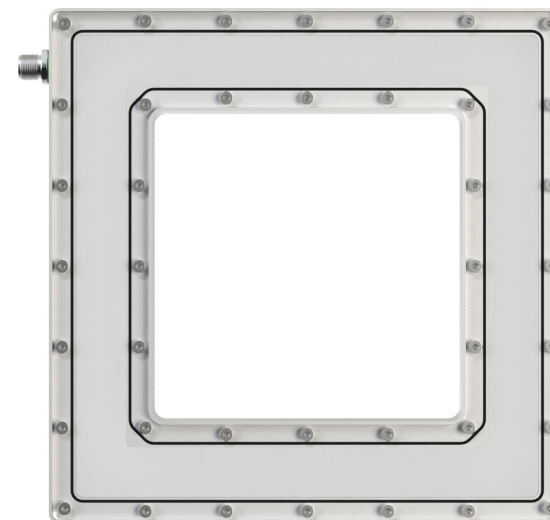
M12A input	Continuous	Master Continuous - Strobe
Pin 1 - Brown	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Trigger NPN
Pin 3 - Blue	0 Vdc	0 Vdc
Pin 4 - Black	Not connected	Trigger PNP

M12A Male



Fixings

B00S1

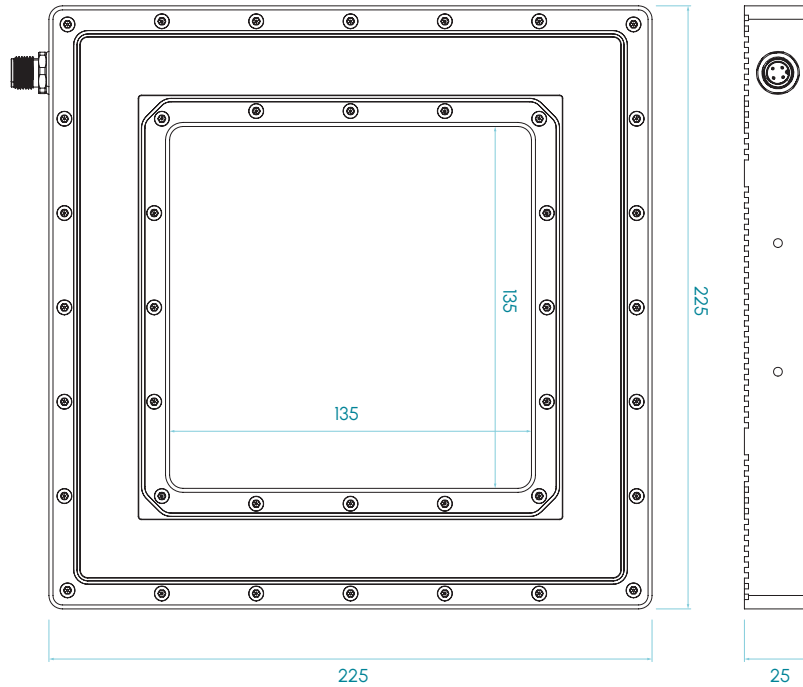


RD2 · 850 nm

lumher

Measures

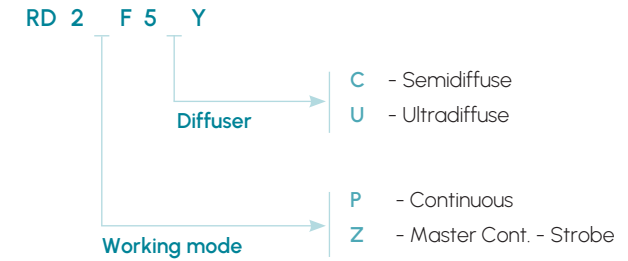
RD2



Measures in mm

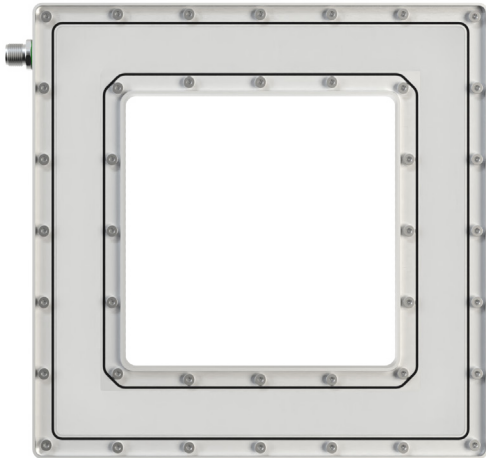
RD2 · 850 nm

Selection guide



lumher

Model RD2 · Infrared 850 nm



850nm

INFRARED

SEMIDIFFUSE
110°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK

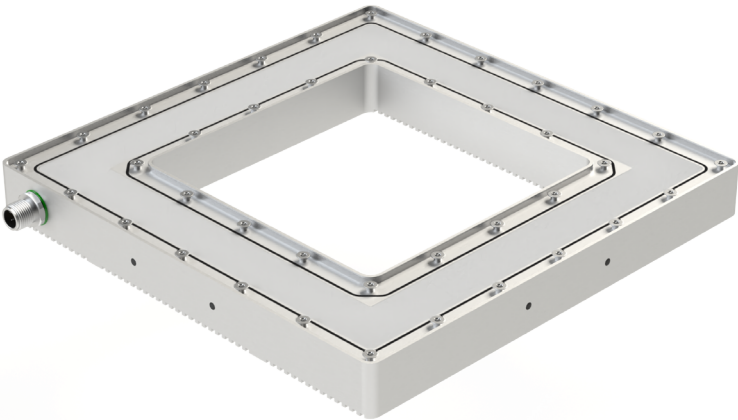
RG1 - LOW

60.000h

LIFESPAN

Table of characteristics

RD 2 ...	Width	Length	Weight	Radiated power ⁽¹⁾		Power consumed	
				(W)		(W)	
	(mm)	(mm)	(g)	CONT.	STROBE	CONT.	STROBE
	225	225	1276	3,2	12,8	8,0	32,0



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