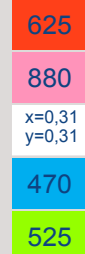


Ring light CRC150 - Technical data



- LED Ring light for continuous / pulse operation
- light field diameter 160 mm - 200 mm
- 256 high performance 5 mm LED
- applicable as a clear or polarised incident illumination
- external illumination controller PLC2 necessary
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- robust industrial model, Aluminium casing, IP40
- drag chain cable

Model	Colour / Wavelength (nm)	Operating voltage UB (V)	Operating current I (A) / 24 V
CRC150-xxx-R	red / 625	observe Controller PLC2	0,7
CRC150-xxx-IR	infrared / 880	observe Controller PLC2	1,0
CRC150-xxx-W	white / x=0,31 y=0,31	observe Controller PLC2	1,0
CRC150-xxx-B	blue / 470	observe Controller PLC2	1,0
CRC150-xxx-G	green / 525	observe Controller PLC2	1,0



CONTINUOUS

PULSE

FLASH

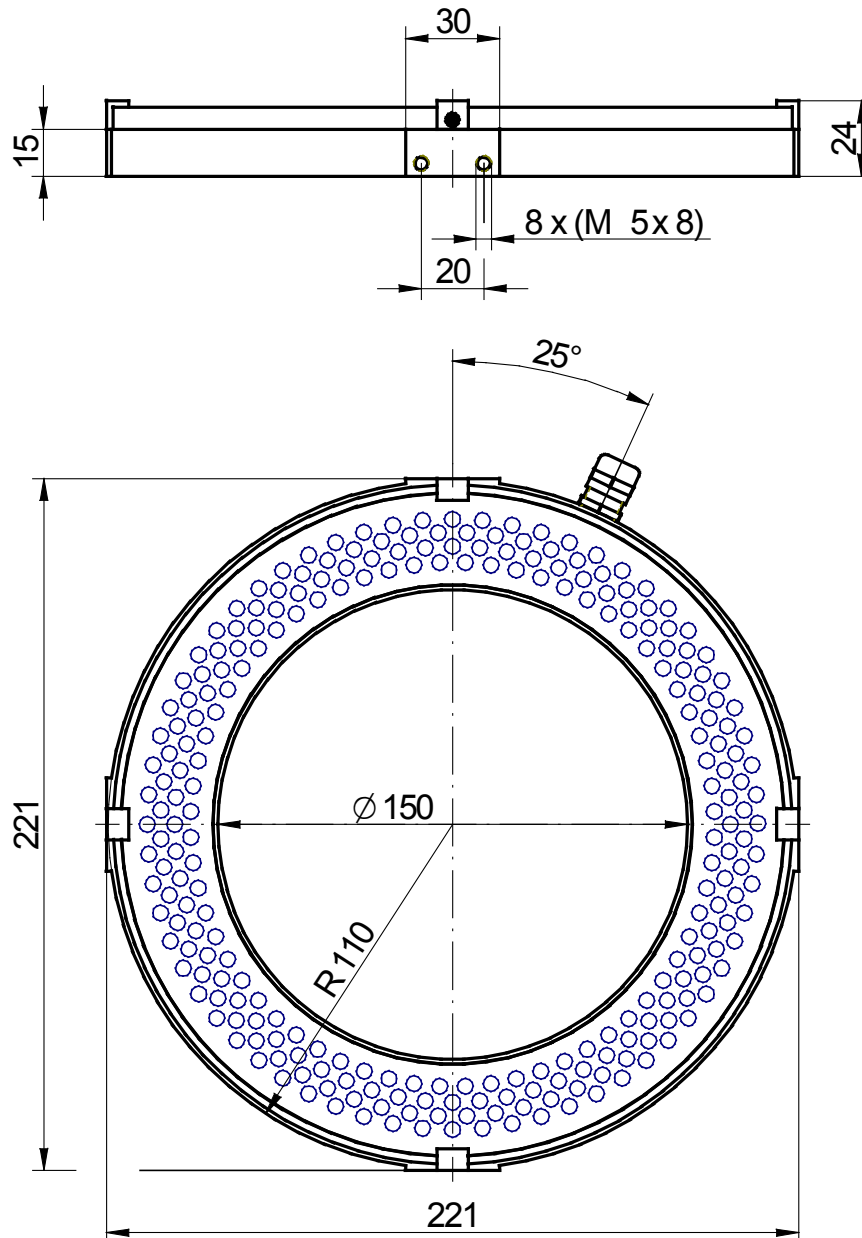
CONTROLLER INSIDE

Operation mode	continuous / pulse	external controller PLC2 necessary Switching works over the operation voltage or VC analogue input with up to 30 V DC
Brightness regulation	Potentiometer / VC	Potentiometer 0 - 100 % VC brightness regulation 0 - 10 % when connected to a voltage of 1 - 10 V DC on the VC analogue input
Operation temperature	0 - 45 °C / 32 - 113 °F	
Weight	0,8 kg	
Protection class	IP 40	
Connection cable	1,5 m	drag chain cable, bending radius at least 72 mm, Lumberg-6 pin-plug

Wiring

observe the data sheet controller PLC2

Ring light CRC150 - Technical drawing



Ring light CRC150 - Order data

Composition of the product name

Model	Diffusor	Illumination colour	Brightness regulation	Trigger	Flash time
SQ / CRC/...	ALK - incident light, clear screen	R - red	VC - VC analogue input active	PLC	10...100 µs
	ALD - incident light, diffused, satin screen	IR - infrared	free - Potentiometer active	TTL	20...220 µs
	ALF - incident light fresnel lens (f=100 mm)	W - white			
	DL - transmitted light, highly diffused, white screen	B - blue			
	POL - polarisation filter	G - green			
		UV - ultraviolet			

CRC150-ALK	
Product number	Product name
11.23.001	CRC150-ALK-R
11.22.002	CRC150-ALK-IR
11.23.003	CRC150-ALK-W
11.23.004	CRC150-ALK-B
11.23.005	CRC150-ALK-G
external illumination controller - model PLC2 necessary	

POL additional integrated polarising filter foil (not for IR)	
Product number	Product name
11.23.905	polarising filter foil for the CRC150