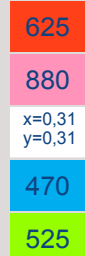


Ring light CRC100 - Technical data



- LED Ring light for continuous / pulse operation
- light field diameter 110 mm - 145 mm
- 120 high performance 5 mm LEDs
- applicable as a clear, diffused, polarised or focusing 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



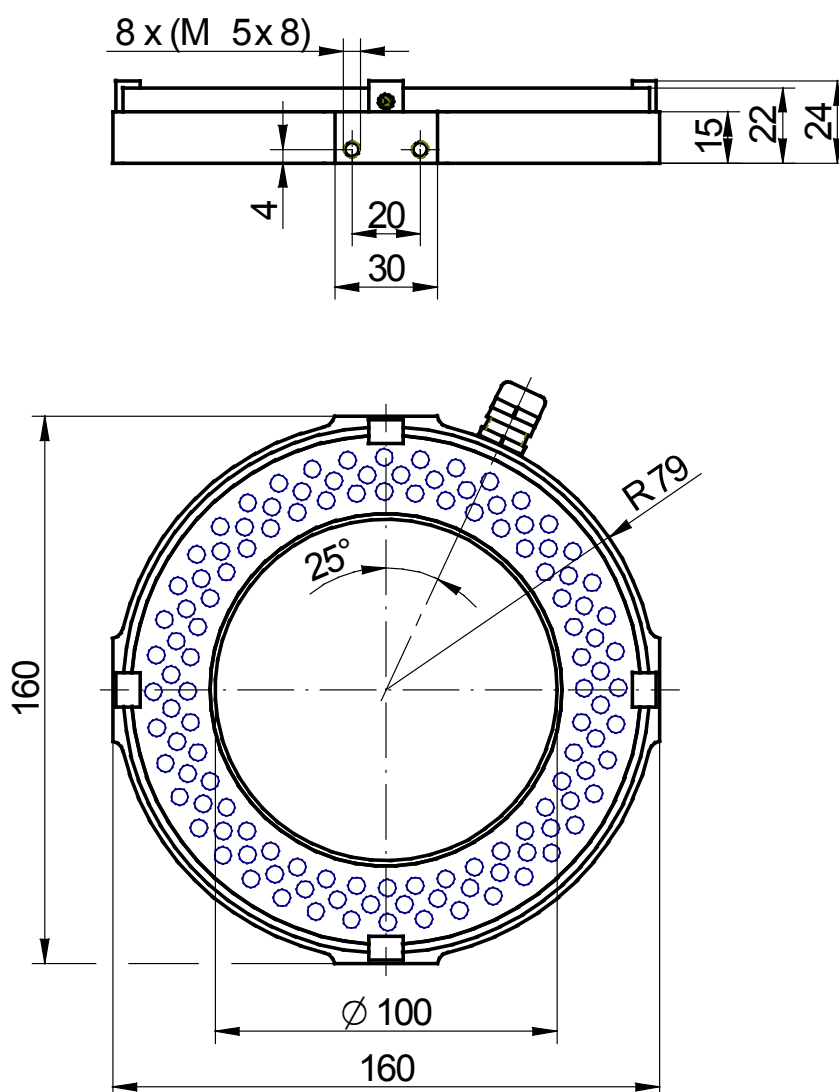
Model	Colour / Wavelength (nm)	Operating voltage UB (V)	Operating current I (A) / 24 V
CRC100-xxx-R	red / 625	observe controller PLC2	0,4
CRC100-xxx-IR	infrared / 880	observe controller PLC2	0,5
CRC100-xxx-W	white / x=0,31 y=0,31	observe controller PLC2	0,5
CRC100-xxx-B	blue / 470	observe controller PLC2	0,5
CRC100-xxx-G	green / 525	observe controller PLC2	0,5

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	0,55 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 CRC100 - Technical drawing



Ring light CRC100 - 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			

CRC100-ALK	
Product number	Product name
11.23.021	CRC100-ALK-R
11.22.022	CRC100-ALK-IR
11.23.023	CRC100-ALK-W
11.23.024	CRC100-ALK-B
11.23.025	CRC100-ALK-G
external illumination controller - model PLC2 necessary	

CRC100-ALD	
Product number	Product name
11.23.121	CRC100-ALD-R
11.23.122	CRC100-ALD-IR
11.23.123	CRC100-ALD-W
11.23.124	CRC100-ALD-B
11.23.125	CRC100-ALD-G
external illumination controller - model PLC2 necessary	

CRC100-ALF	
Product number	Product name
11.23.221	CRC100-ALF-R
11.23.222	CRC100-ALF-IR
11.23.223	CRC100-ALF-W
11.23.124	CRC100-ALF-B
11.23.225	CRC100-ALF-G
external illumination controller - model PLC2 necessary	

POL additional integrated polarising filter foil (not for IR)	
Product number	Product name
11.23.925	polarising filter foil for the CRC100