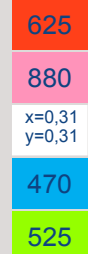


Ring light CRC70 - Technical data



- LED Ring light for continuous / pulse operation
- light field diameter 66 mm - 110 mm
- 128 high performance 5 mm LEDs in 3 LED rings separately switchable
- applicable as a clear, diffused, polarised or focusing incident illumination
- integrated illumination controller
- 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
CRC70-xxx-R	red / 625	10 - 30	0,4
CRC70-xxx-IR	infrared / 880	10 - 30	0,5
CRC70-xxx-W	white / x=0,31 y=0,31	10 - 30	0,5
CRC70-xxx-B	blue / 470	10 - 30	0,5
CRC70-xxx-G	green / 525	10 - 30	0,5



CONTINUOUS

PULSE

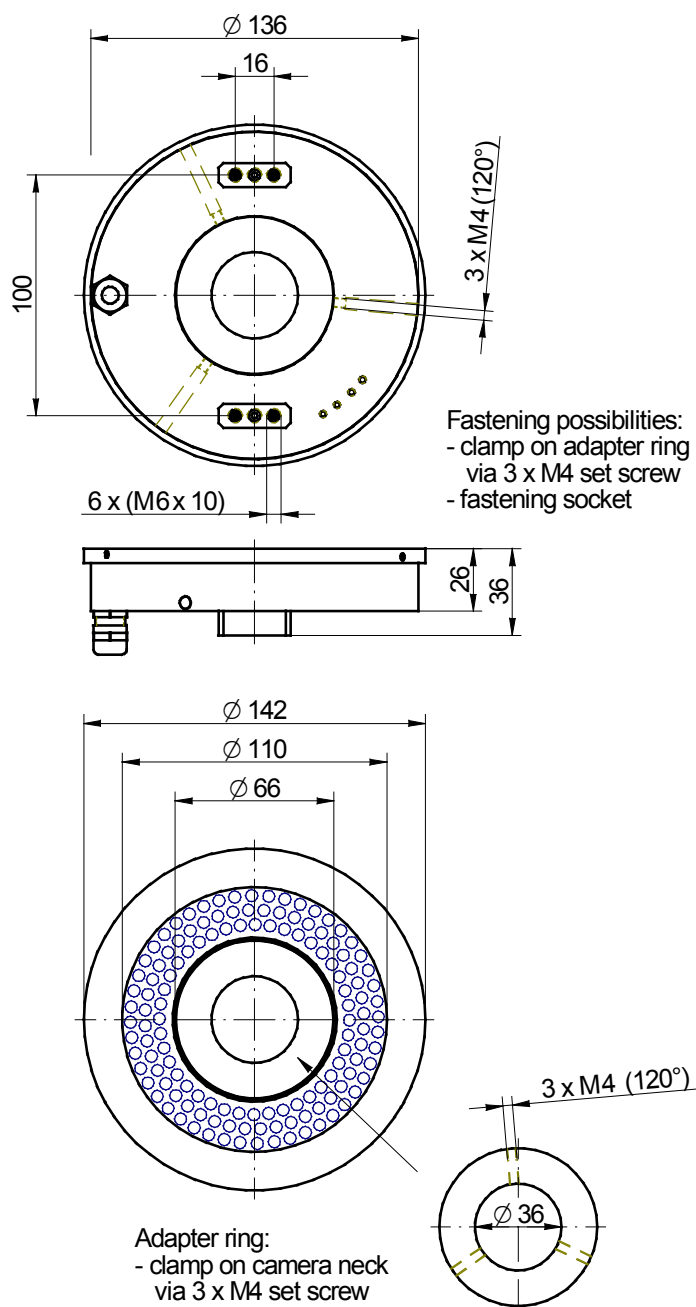
FLASH

i
 CONTROLLER
 INSIDE

Operation mode	continuous / pulse	Switching works over the operation voltage or VC analogue input with up to 30 V DC
Brightness regulation	Potentiometer / VC	Potentiometer 0 - 100 % (deactivated on VC - models) VC brightness regulation 0 - 10 % when connected to a voltage of 1 - 10 V DC on the VC analogue input (only the VC - model >>> observe the order data)
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

Wiring		
brown	+10...30 V DC	+ Operating voltage (max. 30 V)
white	GND	GND Operating voltage
yellow	+1...10 V DC	VC analogue input brightness regulation / pulse
green (green/yellow)	earth	earth connection
grey	Inner ring	(schaltbar gegen GND)
blue	Middle ring	(schaltbar gegen GND)
pink	Outer ring	(schaltbar gegen GND)

Ring light CRC70 - Technical drawing



Ring light CRC70 - 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			

CRC70-ALK	
Product number	Product name
11.21.001	CRC70-ALK-R
11.21.002	CRC70-ALK-R/VC
11.21.003	CRC70-ALK-IR
11.21.004	CRC70-ALK-IR/VC
11.21.005	CRC70-ALK-W
11.21.006	CRC70-ALK-W/VC
11.21.007	CRC70-ALK-B
11.21.008	CRC70-ALK-B/VC
11.21.009	CRC70-ALK-G
11.21.010	CRC70-ALK-G/VC

CRC70-ALD	
Product number	Product name
11.21.101	CRC70-ALD-R
11.21.102	CRC70-ALD-R/VC
11.21.103	CRC70-ALD-IR
11.21.104	CRC70-ALD-IR/VC
11.21.105	CRC70-ALD-W
11.21.106	CRC70-ALD-W/VC
11.21.107	CRC70-ALD-B
11.21.108	CRC70-ALD-B/VC
11.21.109	CRC70-ALD-G
11.21.110	CRC70-ALD-G/VC

CRC70-ALF	
Product number	Product name
11.21.201	CRC70-ALF-R
11.21.202	CRC70-ALF-R/VC
11.21.203	CRC70-ALF-IR
11.21.204	CRC70-ALF-IR/VC
11.21.205	CRC70-ALF-W
11.21.206	CRC70-ALF-W/VC
11.21.207	CRC70-ALF-B
11.21.208	CRC70-ALF-B/VC
11.21.209	CRC70-ALF-G
11.21.210	CRC70-ALF-G/VC

POL additional integrated polarising filter foil (not for IR)	
Product number	Product name
11.20.900.04	polarising filter foil for the CRC70