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## vicolux® Ring Light - R-CLR-38x20-B470-SL- Diameter of luminous field 20/38 mm

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**Short description:** ring light, blue, coaxial, If diameter: 20/38 mm, smart light technology

**Order number:** 1-33-022

**EAN:** 4251692644379



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### Characteristics

- flashable Power-LED ring light with direct illumination
  - combinable with further lights of the R-CLR series to a round area light
  - homogeneous illumination
  - safe operation due to vicolux® smart light Controller (e.g. DLC3005)
  - overheat protection due to integrated digital temperature sensor
  - connection: cable with M8 connector
  - robust metal casing, protection class IP67
  - extensive optics and mounting accessories available
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## Technical data

Light-emitting surface	Inner diameter: 20 mm Outer diameter: 38 mm
Light colour	Blue, 470 nm
Beam angle	30 °
Power supply	For current source only!
Special feature	Flashable with flash controller
Continuous operation	
• Power consumption	2.65 W
• Irradiance	120 W/m <sup>2</sup>
Flash mode	
• Power consumption	2.65 W
• Irradiance	780 W/m <sup>2</sup>
Housing material	Aluminium, black anodised
Optical material	LED, moulded
Weight	35 g
Degree of protection	IP67
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	1
Ambient temperature	-10 °C ... +55 °C

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## Notices

The lighting can only be operated in conjunction with a lighting controller or a suitable current source.

vicolux® smart light lighting controllers limit the electrical parameters automatically and also monitor the temperature of the device.

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## Can be combined with

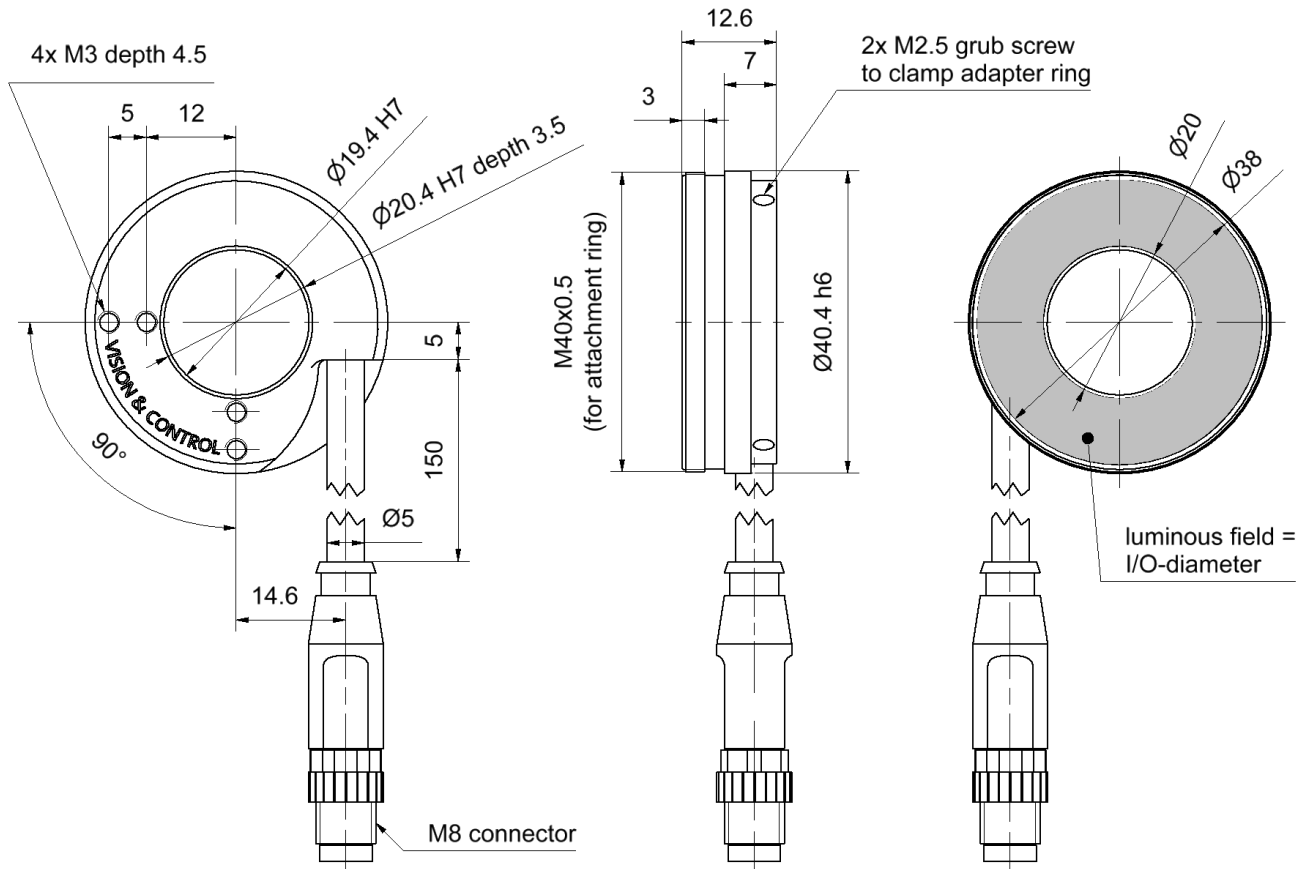
Order number	Title	Description
<b>LED Controller DLC3005</b>		
1-30-202	DLC3005	LED lighting controller, digital, cont./flash current: 4.8A/18A, wall mounting
1-30-209	DLC3005-R	LED lighting controller, digital, cont./flash current: 4.8A/18A, DIN rail mounting

## Accessories for Ring lights - R-CLR-38x20-B470-SL

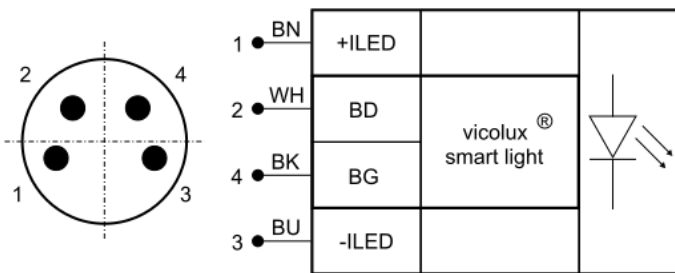
Order number	Title	Description
<b>Attachment ring</b>		
1-33-028	Attachment ring M40x0.5	for R-CLR-38x20, for attachment of beam shaping optics
<b>Diffusers</b>		
1-33-029	Diffuser 15% d38	for R-CLR-38x20, usable with attachment ring M40x0.5 (Order No.: 1-33-028)
1-33-030	Diffuser 40% d38	for R-CLR-38x20, usable with attachment ring M40x0.5 (Order No.: 1-33-028)
<b>Adapters for attaching lights to lenses</b>		
1-33-025	Adapter ring d20.4 - M25.5x0.5	for R-CLR-38x20, for attachment to lenses with filter thread M25.5x0.5
1-33-026	Adapter ring d20.4 - M26x0.5	for R-CLR-38x20, for attachment to lenses with filter thread M26x0.5
1-33-027	Adapter ring d20.4 - M27x0.5	for R-CLR-38x20, for attachment to lenses with filter thread M27x0.5
<b>Connection cable M8-4pin</b>		
1-11-611	Cable-M8-4p-5A-straight-1m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-612	Cable-M8-4p-5A-straight-2m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-613	Cable-M8-4p-5A-straight-3m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end

<b>Order number</b>	<b>Title</b>	<b>Description</b>
1-11-614	Cable-M8-4p-5A-straight-5m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-609	Cable-M8-4p-4A-straight-5m	4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-607	Cable-M8-4p-4A-straight-10m	4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin straight socket to free cable end
1-11-605	Cable-M8-4p-4A-angled-2m	4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end
1-11-604	Cable-M8-4p-4A-angled-5m	4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end
1-11-606	Cable-M8-4p-4A-angled-10m	4x0.25mm <sup>2</sup> , 4A, 60V, PUR, IP67, M8-4pin angled socket to free cable end
<b><i>Extension cable M8-4pin</i></b>		
1-11-093	Extension cable-M8-4p-5A-0.6m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug
1-11-094	Extension cable-M8-4p-5A-1.5m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug
1-11-095	Extension cable-M8-4p-5A-3.0m	4x0.5mm <sup>2</sup> , 5A, 30V, PUR, IP67, M8-4pin straight socket to M8-4pin straight plug

## Drawings



Dimensional drawing in mm



Pin	Aderfarbe	Signal	Beschreibung
1	BN (braun)	+ILED	LED-Anode, positiver Stromeingang
2	WH (weiß)	BD	Data Channel für vicolux <sup>®</sup> smart light Module <sup>(1)</sup>
4	BK (schwarz)	BG	Data Channel für vicolux <sup>®</sup> smart light Module <sup>(1)</sup>
3	BU (blau)	-ILED	LED-Kathode, negativer Stromeingang

<sup>(1)</sup> Nur in Verbindung mit vicolux<sup>®</sup> smart light Beleuchtungscontrollern verwenden.

Pin assignments, M8 connector