
vicolux® Ring Light - RK2036-R633-24V/C- Diameter of luminous field 41/69 mm

Short description: ring light, red, coaxial, lf diameter: 41/69 mm, controlled, pot.: 0-10V,

Order number: 1-29-600

EAN: 4251692644041



Characteristics

- LED ring light with direct illumination
 - combinable with RK3652 and RK5268 to a round area light
 - homogeneous illumination
 - lighting controller integrated in casing
 - continuous or pulsed operation
 - pulse-length and brightness adjustable
 - connection: cable with M5 connector
 - robust metal casing, protection class IP67
 - extensive optics and mounting accessories available
-

Technical data

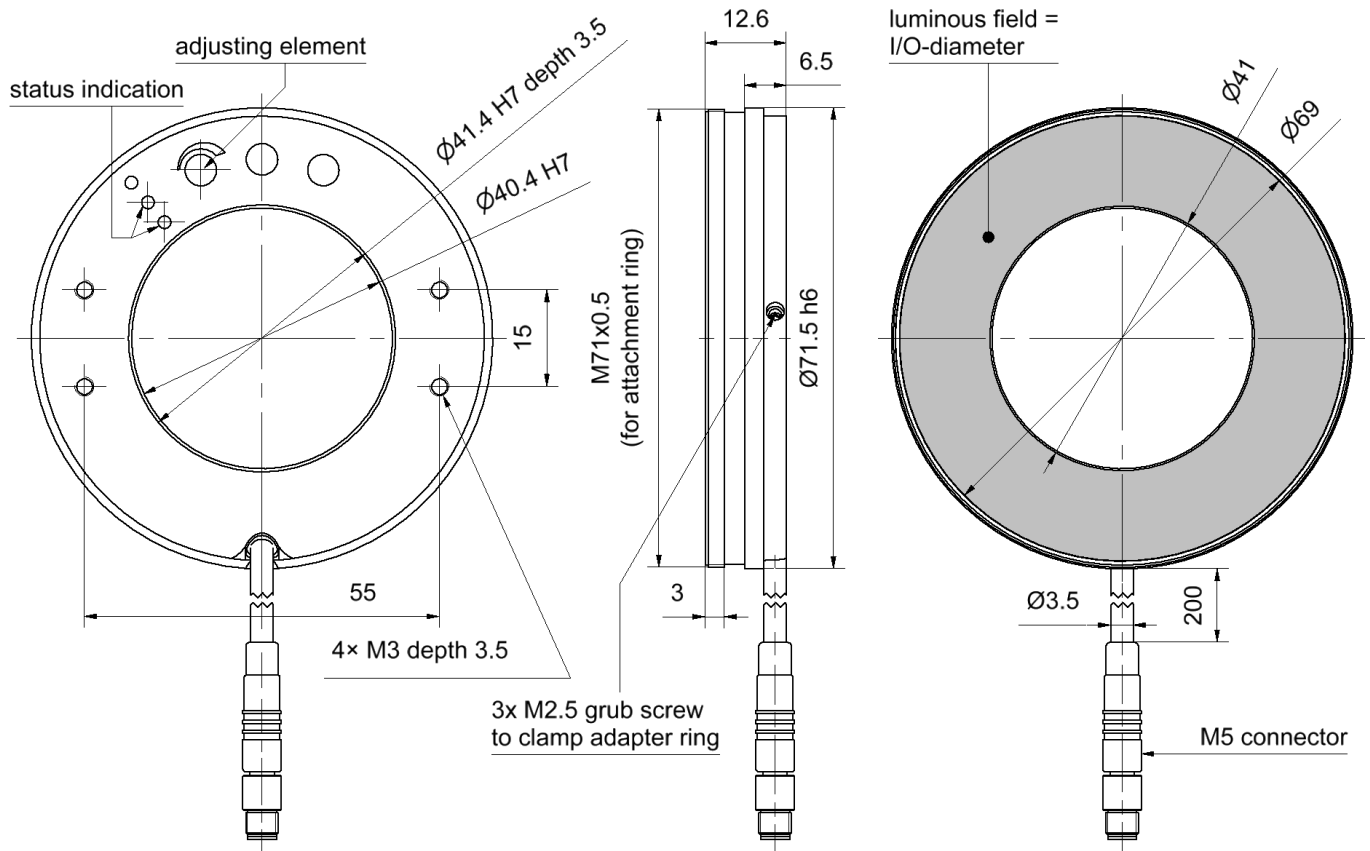
Light-emitting surface	Inner diameter: 41 mm Outer diameter: 69 mm
Light colour	Red, 633 nm
Power supply	24 VDC (18 -30 V)
Continuous operation	
• Irradiance	84.5 W/m ²
Housing material	Aluminium, black anodised
Optical material	LED, moulded
Weight	61 g
Degree of protection	IP67
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Risk group 0 (exempt group)
Ambient temperature	0 °C ... +45 °C

Accessories for Ring lights - RK2036-R633-24V/C

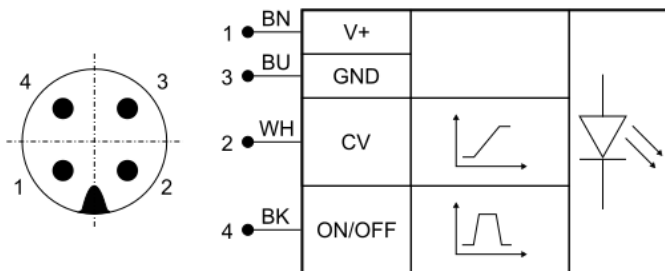
Order number	Title	Description
Attachment ring		
1-29-650	Attachment ring M71x0.5	for R-CLR-69x41 and RK2036, for attachment of beam shaping optics
Diffusers		
1-29-657	Diffuser 40% d69	for R-CLR-69x41 and RK2036, usable with attachment ring M71x0.5 (Order No.: 1-29-650)
Polarisers for Ring Lights		
1-29-655	Polariser linear d70/d41	Polarisation filter for ring lights, $D_i = 41$, $D_a = 70$
Focusing and Fresnel lens		
1-29-660	Fresnel lens F100 d69	for R-CLR-69x41 and RK2036, usable with attachment ring M71x0.5 (Order No.: 1-29-650)
1-29-661	Fresnel lens F150 d69	for R-CLR-69x41 and RK2036, usable with attachment ring M71x0.5 (Order No.: 1-29-650)
1-29-662	Fresnel lens F200 d69	for R-CLR-69x41 and RK2036, usable with attachment ring M71x0.5 (Order No.: 1-29-650)
Protective covering		
1-29-658	Clear cover d70/d41	Cover plate for Ring lights, PMMA, $D_i = 41$, $D_a = 70$
Adapters for attaching lights to lenses		
1-29-673	Adapter ring d41 - M26x0.5	for R-CLR-69x41 and RK2036, for attachment to lenses with filter thread M26x0.5
1-29-670	Adapter ring d41 - M27x0.5	for R-CLR-69x41 and RK2036, for attachment to lenses with filter thread M27x0.5
1-29-671	Adapter ring d41 - M30.5x0.5	for R-CLR-69x41 and RK2036, for attachment to lenses with filter thread M30.5x0.5
Connection cable M5-4pin		
1-11-117	Cable-M5-4p-1A-straight-2m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end
1-11-116	Cable-M5-4p-1A-straight-5m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin straight socket to free cable end

Order number	Title	Description
1-11-105	Cable-M5-4p-1A-angled-2m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end
1-11-104	Cable-M5-4p-1A-angled-5m	4x0.14mm ² , 1A, 60V, PUR, IP67, M5-4pin angled socket to free cable end

Drawings



Dimensional drawing in mm



Pin	Core colour	Signal	Description
1	BN (brown)	V+	Operating voltage
2	WH (white)	CV	Control voltage
3	BU (blue)	GND	Ground
4	BK (black)	ON/OFF	Switch input

Pin assignments, M5 connector