

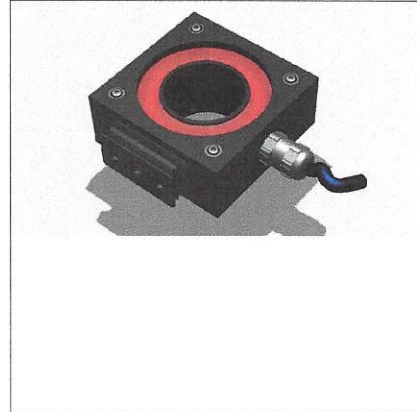
Coaxial ring lights

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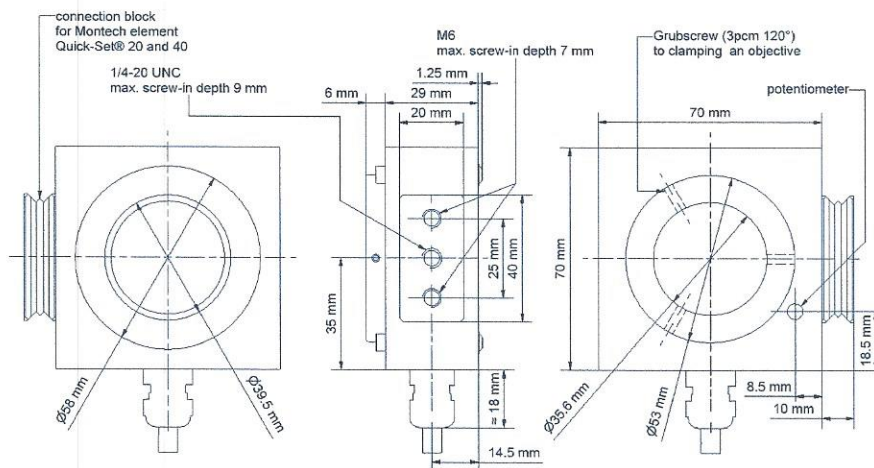
RK2029 series (VC-variants) 35 mm free inner diameter

Product features

- LED lighting
- Compact and robust construction with integrated controller inclusive control and stabilization electronics
- Wide-range input for operating voltage
- Long operational life of the LED by temperature management
- Casing from anodised aluminium with high deformation resistance
- Defined mounting drillings
- 1.5 m connection cable, strain-relieved, dragline-compatible, bend-resistant and oil-resistant



Engineering drawing



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NEW
LIGHT
COLOURS

Options

Light colours	Extra light colours	Clear glass	Fresnel lens	Diffuser
RED	IR950			
GREEN	UV395			
BLUE	IR850			
WHITE				
IR480				

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Electrical model

Controlled models (VC-variants)

Operating states On and Off / brightness setting analog with control voltage 0 - 10 VDC (switchable 5 ms - ∞)

General technical data

	Controlled (VC-variants)	High stabilised	Static	Flash	Adaptiv
Operating voltage	10 - 30 VDC	-	see RK2029-x series	-	see RK2029-x/AD series
Ambient air temperature	-5 till +45°C	-	-	-	-
Degree of protection	IP50	-	-	-	-
Weight	270 g	-	-	-	-

Technical data

Name	Order no.	Nominal wavelenght	Max illumination = 100% at 50 mm working distance (WD)	Maximum power consumption
RK2029-R/VC	1-10-399	630 nm	9081 lx	3 W
RK2029-G/VC	1-10-403	525 nm	9477 lx	3 W
RK2029-B/VC	1-10-402	470 nm	1153 lx	3 W
RK2029-W/VC	1-10-401	x=0,32/y=0,31	6847 lx	3 W
RK2029-IR880/VC	1-10-400	880 nm	45 mW/cm²	3 W
RK2029-IR950/VC	1-10-481	950 nm	Auf Anfrage/On request	3 W
RK2029-UV395/VC	1-10-482	395 nm	Auf Anfrage/On request	3 W
RK2029-IR850/VC	1-10-480	850 nm	Auf Anfrage/On request	3 W
RK2029-R/VC/F100	1-10-305	630 nm	19200 lx	3 W
RK2029-G/VC/F100	1-10-306	525 nm	20038 lx	3 W
RK2029-B/VC/F100	1-10-307	470 nm	2438 lx	3 W
RK2029-W/VC/F100	1-10-308	x=0,32/y=0,31	14476 lx	3 W
RK2029-IR/VC/F100	1-10-309	880 nm	96 mW/cm²	3 W
RK2029-IR950/VC/F100	1-10-493	950 nm	Auf Anfrage/On request	3 W
RK2029-UV395/VC/F100	1-10-494	395 nm	Auf Anfrage/On request	3 W
RK2029-IR850/VC/F100	1-10-492	850 nm	Auf Anfrage/On request	3 W
RK2029-R/VC/M	1-10-375	630 nm	5250 lx	3 W
RK2029-G/VC/M	1-10-376	525 nm	5479 lx	3 W
RK2029-B/VC/M	1-10-377	470 nm	667 lx	3 W
RK2029-W/VC/M	1-10-378	x=0,32/y=0,31	3958 lx	3 W
RK2029-IR/VC/M	1-10-379	880 nm	26 mW/cm²	3 W
RK2029-IR950/VC/M	1-10-487	950 nm	Auf Anfrage/On request	3 W
RK2029-UV395/VC/M	1-10-488	395 nm	Auf Anfrage/On request	3 W
RK2029-IR850/VC/M	1-10-486	850 nm	Auf Anfrage/On request	3 W

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Details

Note for brightness control

- Analog with the control voltage 0 - 10 VDC (5 ms - ∞) (only RK2029-x/VC series)

Note for product designation

- **VC** ... 'controlled' model (VC-variants)
- **F100** ... fresnel lens focuses at 100 mm working distance
- **M** ... ground glass screen

Accessories

Order no.	Name	Description
1-10-298	RK2029 T8o Adapter	for vibration-free clamping of T8o objectives
1-10-299	RK2029 T10o Adapter	for vibration-free clamping of T10o objectives on the RK2029 series

Intended use for accessories

Note:

This area is reserved for future examples that will demonstrate the cooperation of lighting components and accessories.

We're going to show you the variety of combinations of the Vision & Control component system!

Your catalogue editors of Vision & Control GmbH

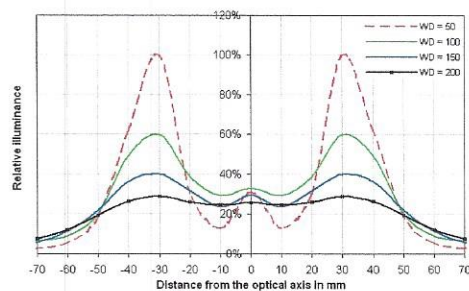
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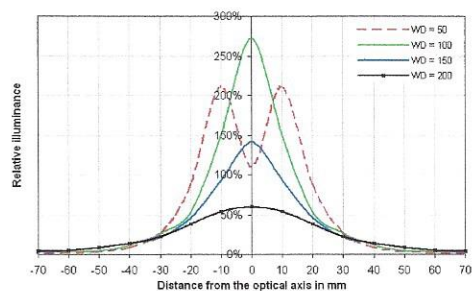
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Technical diagrams

Illuminance RK2029-x/VC (with clear glass)



Illuminance RK2029-x/F100/VC (with fresnel lens)



Illuminance RK2029-x/M/VC (with diffuser)

