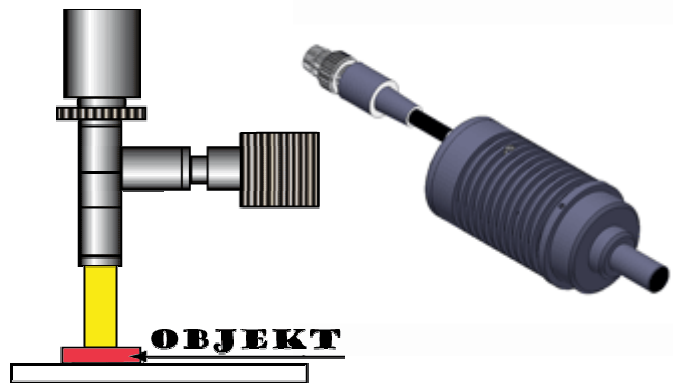


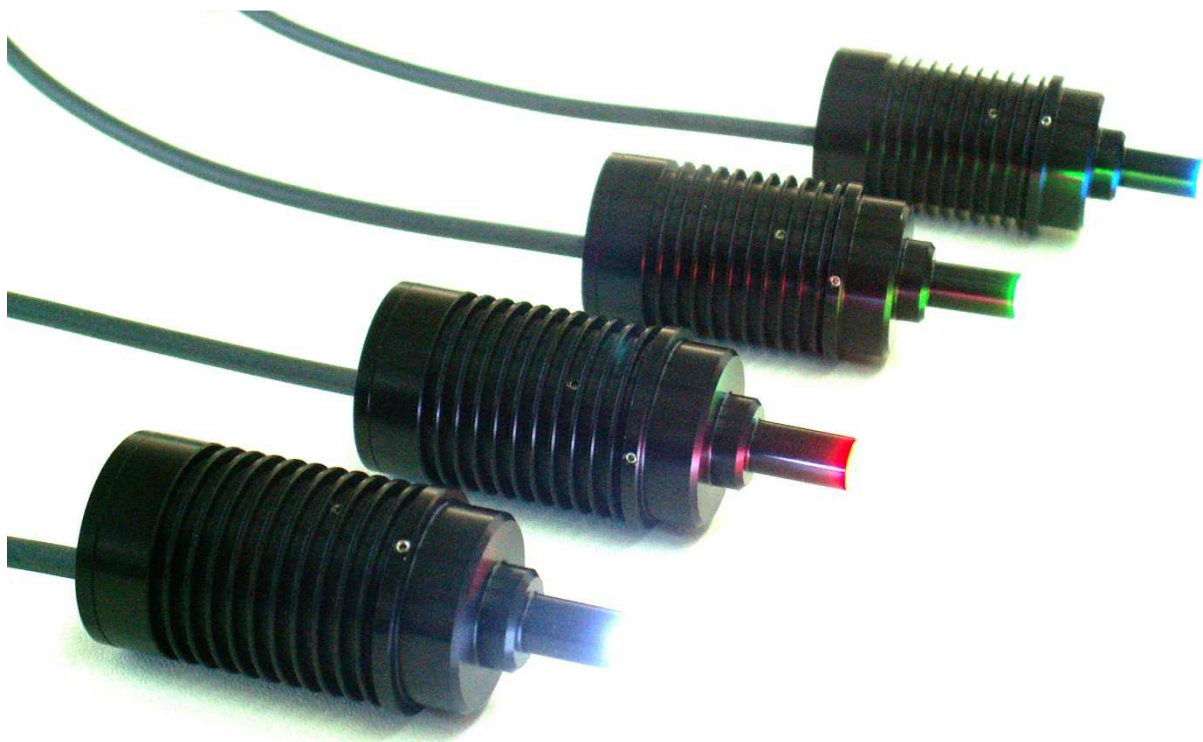
COAXIAL ILLUMINATION

SPOTLIGHTING



INTENSIVE, DIMMABLE, HOMOGENOUS

✓ Compatible with coaxial telecentric objectives

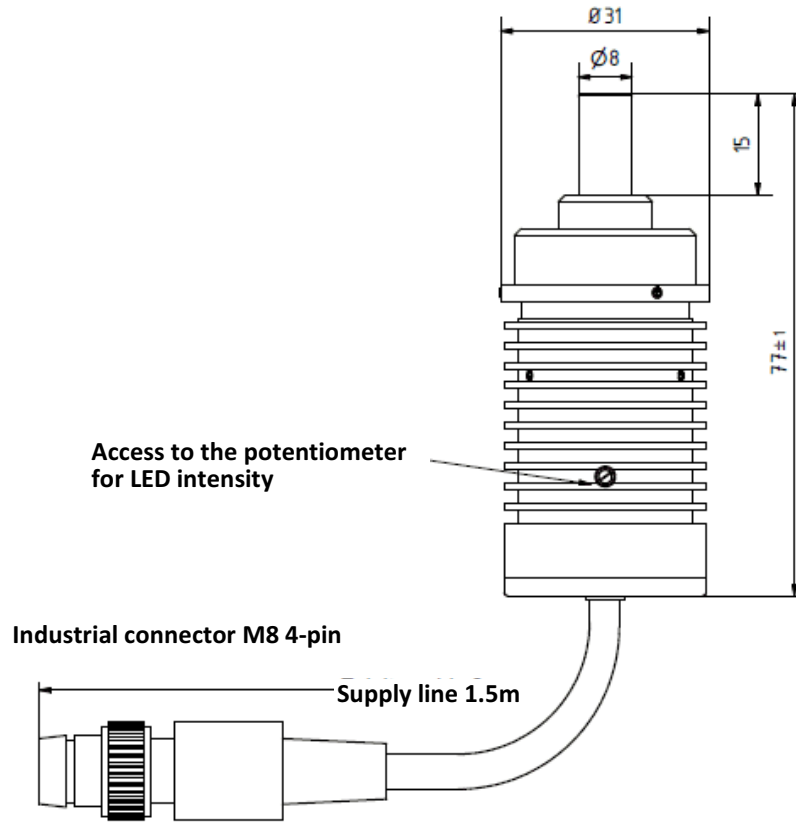


TYPES OF COAXIAL LIGHT SOURCES				
Order Number	Type	Led Color	Wavelength Kelvin	Lux in distance of 100mm
231818	KAB1 24VDC- 470	Blue	470	3klx
231817	KAB1 24VDC- 528	True green	528	14klx
231760	KAB1 24VDC- 590	Amber	590	
231815	KAB1 24VDC- 632	Red	632	16klx
231850	KAB1 24VDC- 850	IR 1	850	
231816	KAB1 24VDC- 6500	White	6500K	22klx

ELECTRICAL INFORMATION			
Power supply	12-24VDC \pm 2%		
Power consumption (at 24V)	4.4W		
Supply Ripple Voltage	\leq Vs \pm 5%		
Reverse Battery Protection	Yes		
Triggerable	Yes		
Trigger Voltage	5-40VDC		
Max. Trigger Frequency	35KHz, 10 μ sec on time		
Dimmable	10-100% at housing		
ADDITIONALS			
Additional Cooling Method	Attached to machine part for better heat dissipation		
Life span in continuous mode	>20.000h (drop to 50% intensity) at 25°C		
Life span in strobe light mode	Est. >50.000h (drop to 50% intensity) at 25°C		
CE Conformity	Yes		
RoHS	Yes		
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%		
ISO 9001:2008	Registration Number: (AT-)01677/0		
LED SPECIFICATION			
Light emission Active \varnothing OUT	\varnothing 6mm		
Objective	adaption to objectives with 8mm inner diameter		
LED Package	High Power SMD		
Aperture	\pm 10° (NA ca. 0.18) homogenous		
Eye Safety (EN 62471:2008)	On Request		
CONNECTION			
Connector Type	M8, 4 pin (Male)	RS Components P/N: 290-6382	
Connector M8, 4 pin (Male)		Pin assignment	
		1	+24V
		2	+Trigger
		3	0V
		4	0V Trigger
Trigger (pin 2)	24VDC / Continuous light when pin 2 connected to pin 1		
Connection cabel	M8, 4- Pin industrial connector, length 1.5m		
Equipment cable 1.5m	M8, 4- Pin (Female)	RS Components P/N: 648-5328	



DIMENSIONS

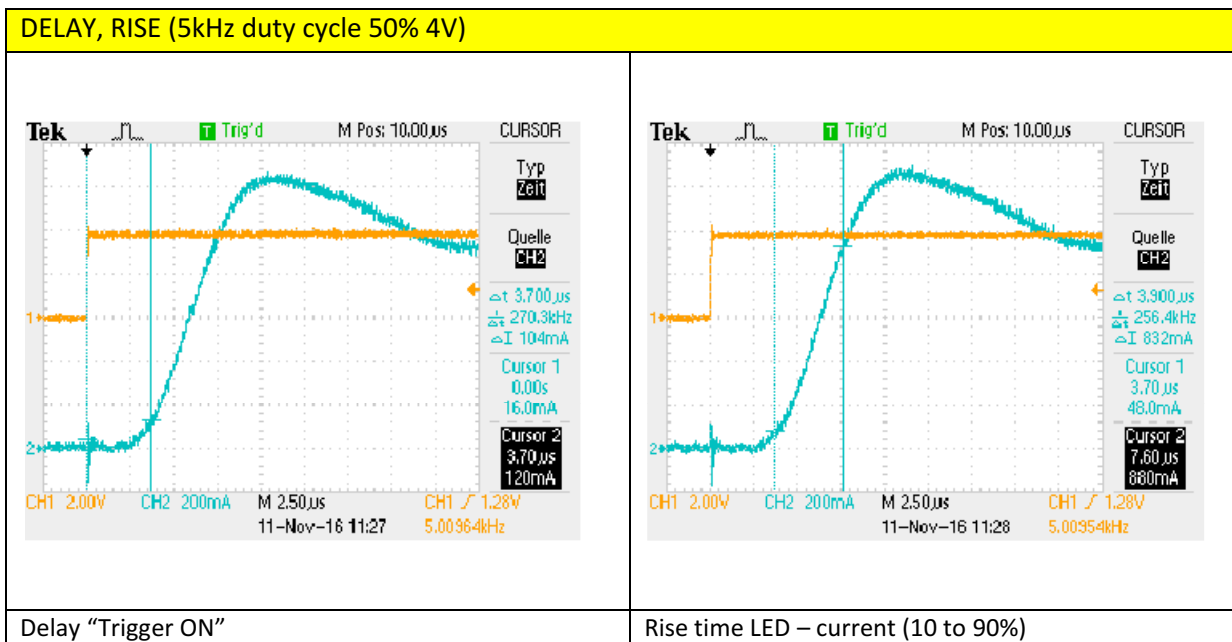
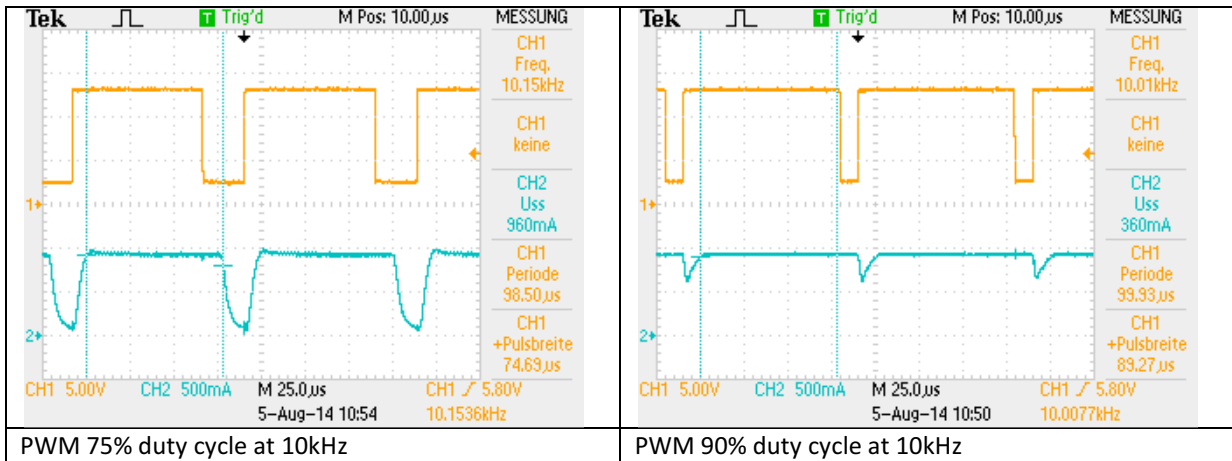
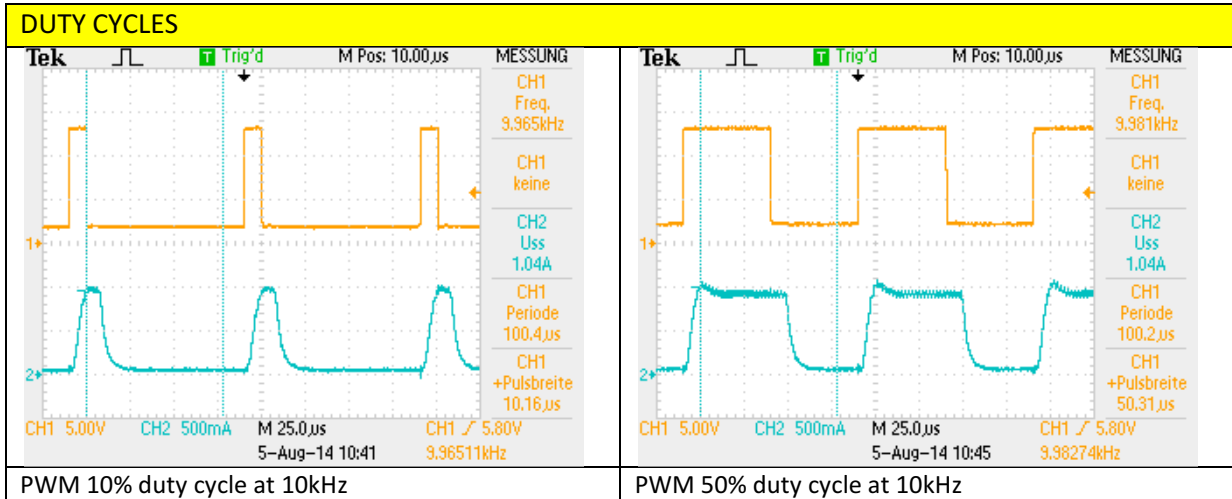


MECHANICAL

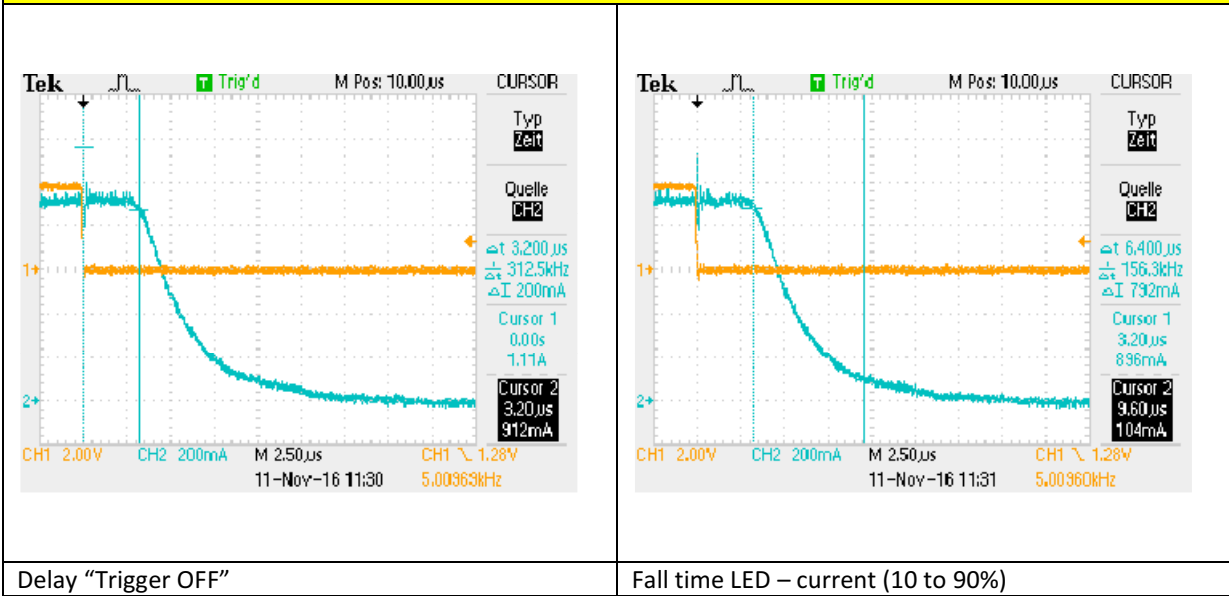
Casing Material	Aluminium, black anodized
Dimensions $\text{Ø} \times \text{H}$	$\text{Ø} 31\text{mm} \times 77\text{mm}$
Weight	115g
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Operating conditions	temperature: -10° to +37° C relative air humidity: 5 - 90%
IP Rating	IP 50
Dimmable	Manually with screwdriver at housing

ON REQUEST: 3D-CAD, DXF-DRAWINGS, PDF-DRAWINGS

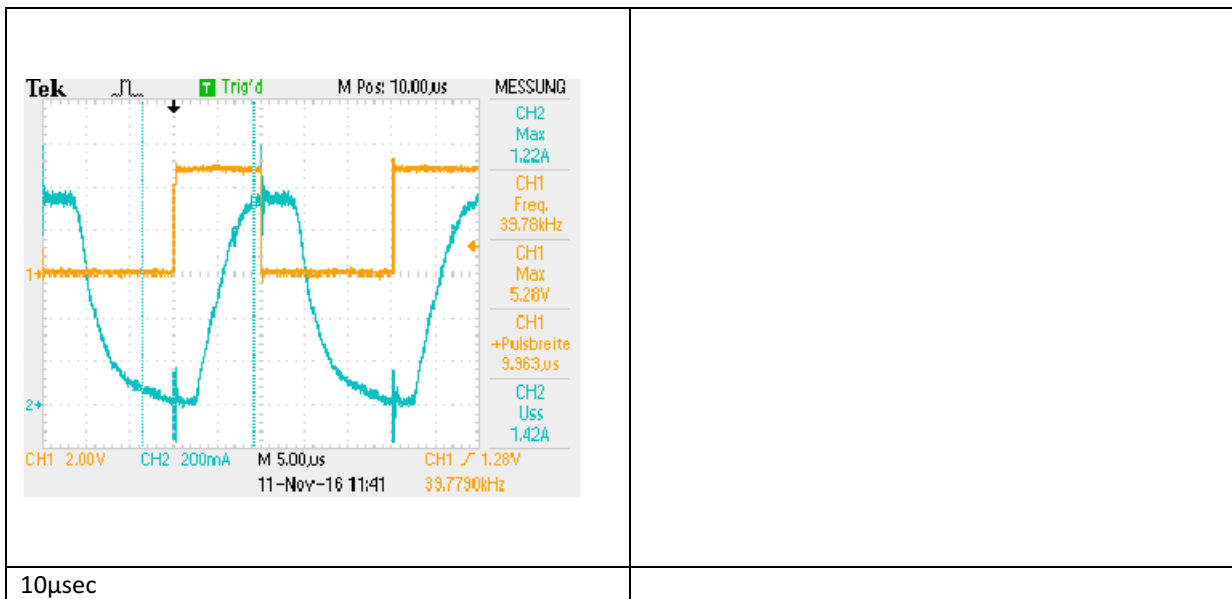
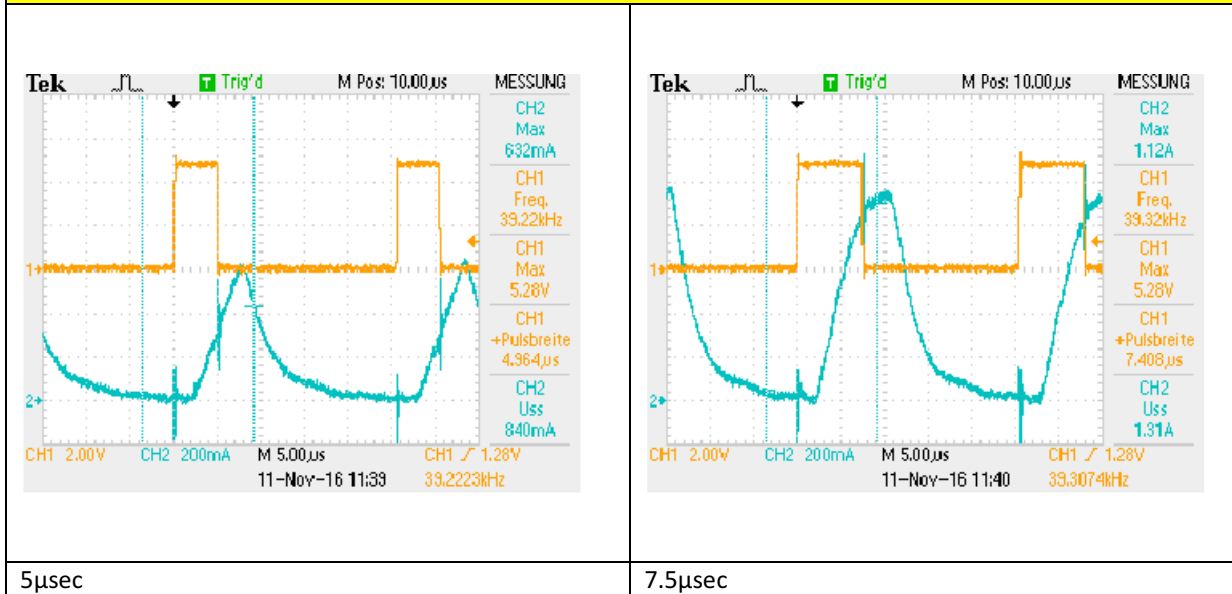




DELAY, FALL



TRIGGER PULS WIDTH @39kHz



! We reserve the right to modify technical data/specifications of the product described at any time without previous notification. During compilation of the manual we worked with the greatest precision and care. Though there may arise deviations as a result of later product modifications. Please contact us, if you need more information or detailed specifications.

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