

# Professional Lighting Systems for Industrial Imaging

## ARCUS-M

The luminous LED darkfield illumination for industrial imaging

### significant qualities in short:

- long lifecycle due to LED technique
- 40 extremely luminous SMD LEDs (120°)
- inner diameter: 74mm
- extreme brightness together with low proper heat generation
- high degree of homogeneity for precise evaluation
- standard colors: red 615 nm, white (x:0,32/y:0,31), other colors on demand
- available in four versions: for 12VDC, 24VDC, flash operation (flash module MAX or DUO), or for LFC (white only 24VDC)
- solid, black anodised alu case
- easy mounting (4 times through-thread M2.5)

### Technical data

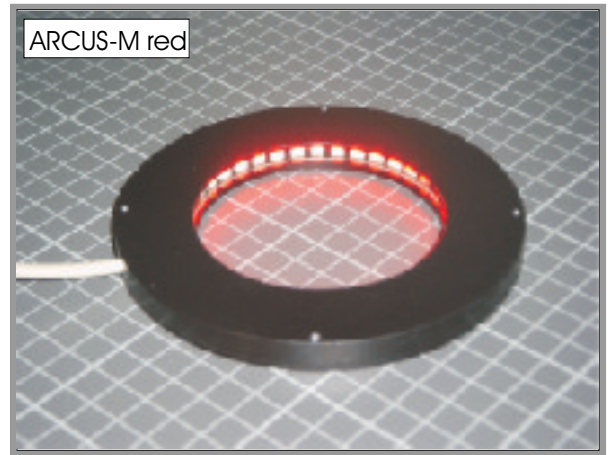
wavelength:	red 615 nm/120°, white x:0.32/y:0.31,120° (only 24VDC)
inner diameter:	approx. 74mm
power supply (DC version):	red: 12VDC/24VDC approx. 60 mA, white: 24VDC approx. 120 A
lifecycle (LEDs) **:	approx. 100000 h (25° C)
ambient temperature:	max. 50° C
cablelength DC version:	1.5m
cablelength Strobe/LFC version:	1m (with plug)
case:	alu (black anodised) approx. 140g

\*\* value given by the producer valid at a LED temperature of 25° C

### Options:

plug version:	with mounted M8 plug
segmentation of active light area:	the active light area can be divided up into two halves or four quarters which are separately controllable.

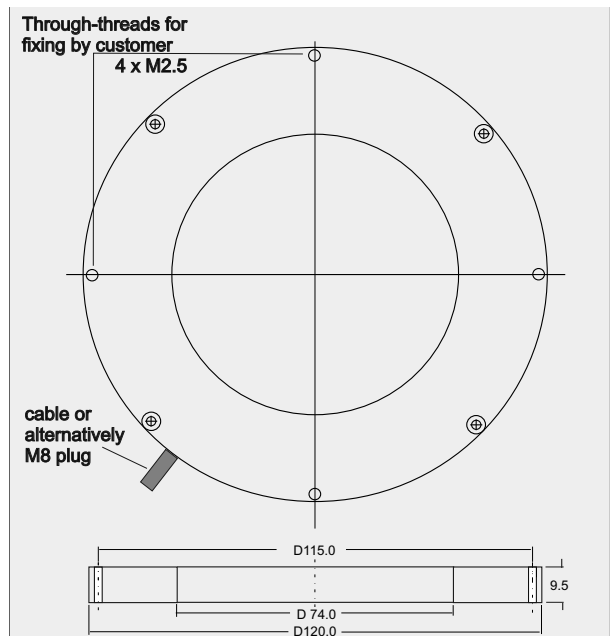
### Preliminary information:



### Model versions:

ARCUS-M-R-12VDC	ARCUS-M-White-24VDC
ARCUS-M-R-24VDC	
ARCUS-M-R-Strobe	
ARCUS-M-R-LFC	further models on demand

### Dimensions:



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