

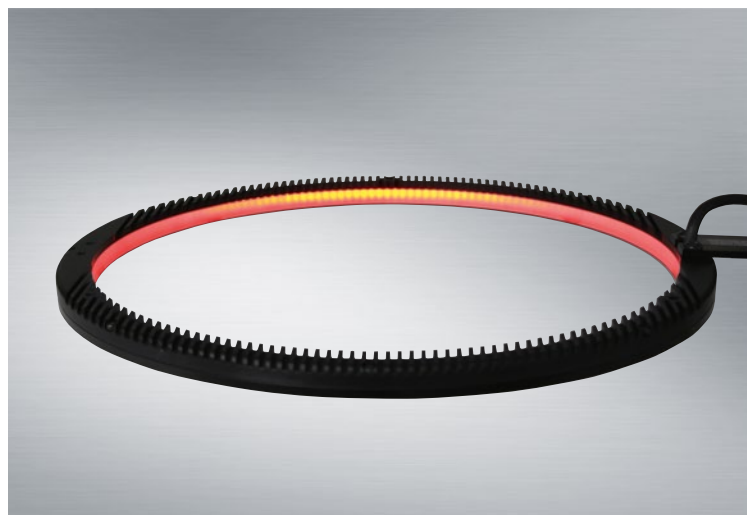
Dark Field Lights

Dark field lights are ideal for detecting edges and contours.

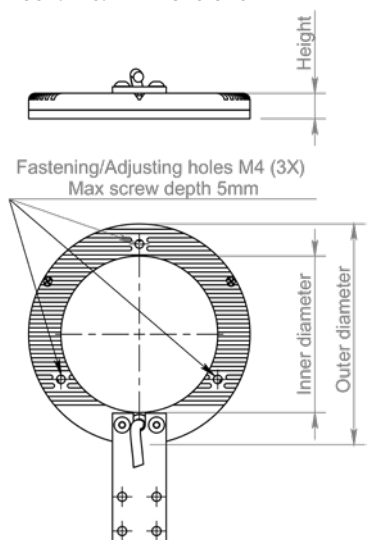
The standard light beam angle is 10°.

The dark field lights have a diffuser for better evenness of illumination.

Bracket LAD3 4011 is included (for details see “Lighting head brackets”).



Mechanical Dimensions



Step files available on request

Color Information

Replace “X” in order number by one character ¹	Color	Wavelength (nm)
H	Red	617
W	White	
R	IR	880
B	Blue	465
G	Green	520
U	UV	395

¹ Example for red dark field light: SAH3 4H072

Order Information

Order number	Sizes (mm)			Light beam angle	Controller ²	
	outer ø	inner ø	height		continuous/switching mode	strobe mode
PAD3 4025 ^{3,5}	25	15	9.5	5°	1 A	8 A
SAX3 4072	72	42	13.5	10°	1 A	8 A
SAX3 4103	103	73	13.5	10°	1 A	8 A
SAX3 4166	166	136	13.5	10°	1 A	8 A
SAX3 4213	213	183	13.5	10°	1 A 3 A ⁴	8 A 24 A ⁴
SAX3 4276	276	246	13.5	10°	1 A 3 A ⁴	8 A 24 A ⁴

² See “Controller selection” for details

³ Available only in red light color

⁴ For light colors white, blue, green and UV

⁵ Screw-in depth (M1,6) max. 2 mm

Options

- Cable length and type see “Order options”
- Custom light beam angle see “Order options”