

Cila イメージングエキスパート株式会社

産業用LED照明装置



Catalog 2014/2015

Cila イメージングエキスパート株式会社

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ドーム照明

The dome lights are available in a wide range of sizes. Dome lights provide highly shadow-free lighting in small working distances and avoid reflection from reflective objects more than ring lights.

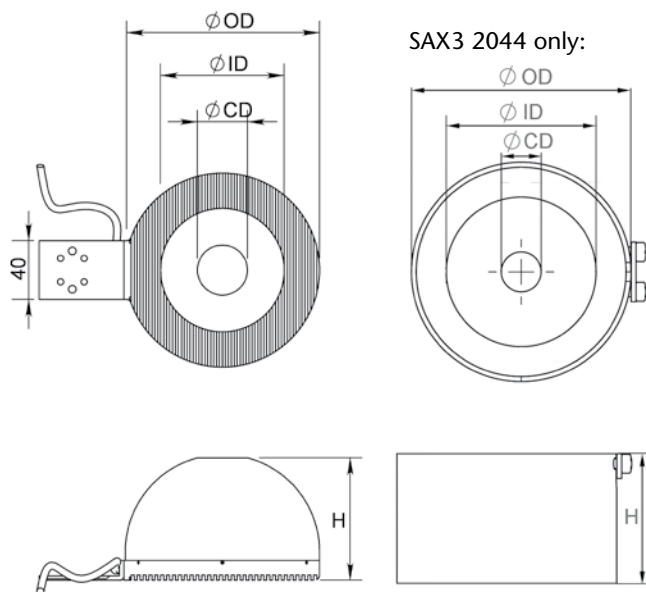
In order to prevent a camera hole shadow it is possible to use a coaxial light together with the dome light.

As an option the camera hole can be covered by an adapter to reduce the hole size.

Brackets are included (no. SXX3 010213, for details see „Lighting head brackets“) except for SAX3 2044.



Mechanical dimensions



Step files available on request

Color information

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

¹⁾ Example for red dome light: SAH3 2078

Order information single color lights

Order number	Sizes (mm)				Controller ²⁾	
	outer Ø	inner Ø	camera hole Ø	height	steady mode	strobe mode
SAX3 2044	44	30	8	26	1 A	8 A
SAX3 2078	78	34	24	57	1 A	8 A
SAX3 2102	102	54	30	69	1 A	8 A
SAX3 2132	132	84	34	83	1 A 3 A ³⁾	8 A 24 A ³⁾
SAX3 2162	162	114	50	100	1 A 3 A ³⁾	8 A 24 A ³⁾
SAX3 2202 ⁴⁾	202	155	65	124	3 A	24 A
SAX3 2348 ⁴⁾	345	299	100	190	3 A	24 A

²⁾ See controller selection for details

³⁾ For light colors white, blue, green and UV

⁴⁾ Second bracket (SXX3 010213) included for more stability

Order information RGB lights

Order number	Sizes (mm)				Controller ⁵⁾	
	outer Ø	inner Ø	camera hole Ø	height	steady mode	strobe mode
RGB3 2078	78	34	24	57	1 A	8 A
RGB3 2102	102	54	30	69	1 A	8 A
RGB3 2132	132	84	34	83	1 A	8 A
RGB3 2162	162	114	50	100	1 A	8 A
RGB3 2202 ⁴⁾	202	155	65	124	1 A	8 A
RGB3 2348 ⁴⁾	345	299	100	190	on request	

⁵⁾ For RGB lights 4 channel controllers are required

Options

- Cable length and type see "Order options"
- Adapter for reduction of camera hole size on request



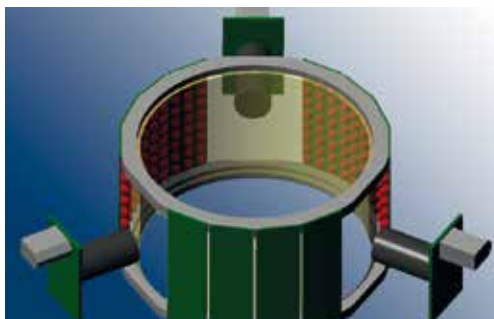
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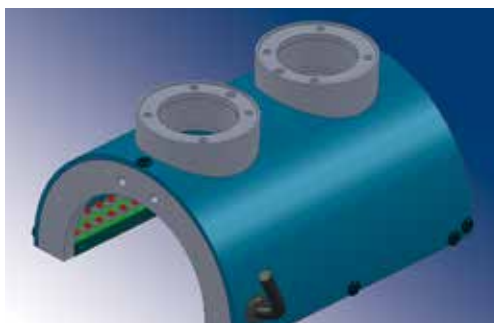
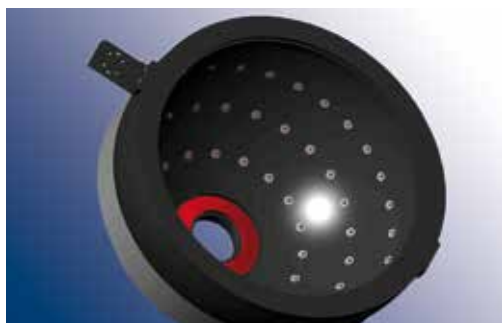
Customer-specific developments and adaptations are a core part of LATAB's business at near standard prices of course, and with short project lead times. You name it, we'll make it!

Design skills:

- CAD engineering
- Electronics development
- Thermal management



Customer-specific circular back light with 3 camera holes



In addition to LED lighting for the machine vision market, LATAB also offers general lighting solutions.

Examples include decorative lighting and object illumination, both indoors and out, using light modules based on high brightness or ultra-bright LEDs. LATAB's extensive experience in meeting the requirements of industrial applications paired with many years of design skills are the key to its successful LED engineering.



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