

Ring Lights

Ring lights provide uniform and shadow-free lighting. A diffuser (removable) for homogeneous light is included. In order to avoid reflection, some ring lights can be used in combination with polarization filters.

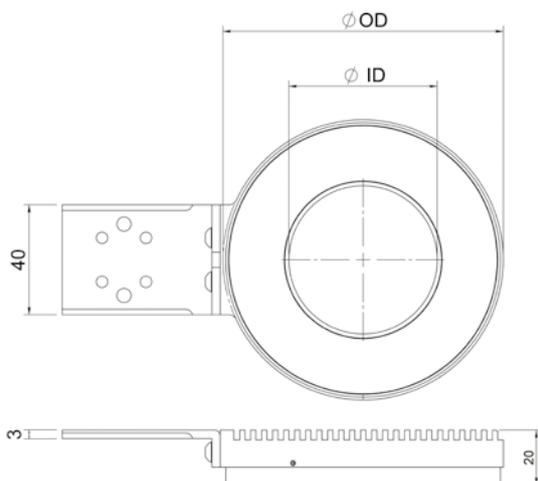
Brackets are included (no. SXX3 010213, for details see lighting head brackets).

The standard light beam angle is 12°.

The special RGB lights are built with high-power three-chips LEDs red, green, and blue, enabling the use of each color separately or in combination. White light can be achieved by setting each channel to the same intensity level.



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 ring light: SAH3 1078

Order Information Single Color Lights

| Order number | Sizes (mm) | | Working distance (mm) approx. | Controller ² | |
|------------------------|---------------------------------|---------|-------------------------------|----------------------------|--------------------------|
| | outer ø | inner ø | | continuous/ switching mode | strobe mode |
| SAX3 1044 | see ring light with lens thread | | | | |
| SAX3 1078 | 78 | 34 | 50 | 1 A | 8 A |
| SAX3 1102 | 102 | 54 | 80 | 1 A | 8 A |
| SAX3 1132 | 132 | 84 | 100 | 1 A 3 A ³ | 8 A 24 A ³ |
| SAX3 1162 | 162 | 114 | 140 | 1 A 3 A ³ | 8 A 24 A ³ |
| SAX3 1202 ⁴ | 202 | 155 | 180 | 3 A | 24 A |
| SAX3 1348 ⁴ | 345 | 299 | 300 | 3 A | 24 A |

Order Information RGB Lights

| Order number | Sizes (mm) | | Controller ⁵ | |
|------------------------|------------|---------|----------------------------|-------------|
| | outer ø | inner ø | continuous/ switching mode | strobe mode |
| RGB3 1078 | 78 | 34 | 1 A | 8 A |
| RGB3 1102 | 102 | 54 | 1 A | 8 A |
| RGB3 1132 | 132 | 84 | 1 A | 8 A |
| RGB3 1162 | 162 | 114 | 1 A | 8 A |
| RGB3 1202 ⁴ | 202 | 155 | 1 A | 8 A |
| RGB3 1348 ⁴ | 345 | 299 | on request | on request |

² See "Controller selection" for details

³ For light colors white, blue, green and UV

⁴ Second bracket (SXX3 010213) included for more stability

⁵ For RGB lights 4 channel controllers are required

Options

- Cable length and type see "Order options"
- Polarization options see "Polarization filters"