

# LR-130-RK-24-Q2A12-2L12

## Ordering information

|                                 |                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------|
| <b>Designation for ordering</b> | LR-130-RK-24-Q2A12-2L12                                                         |
| <b>Part number</b>              | 532-51105                                                                       |
| <b>Order text</b>               | Ring light, direct, polarized and clear switchable, 20° beam angle, 130 mm, red |
| <b>Components supplied</b>      | Illumination, Mounting adapter, Mounting bracket (MK 45L), Operating manual     |



### Optical data

|                               |     |
|-------------------------------|-----|
| <b>Light source</b>           | LED |
| <b>Light color</b>            | Red |
| <b>Wavelength [nm]</b>        | 623 |
| <b>LED risk category [RG]</b> | 2   |

### Electrical data

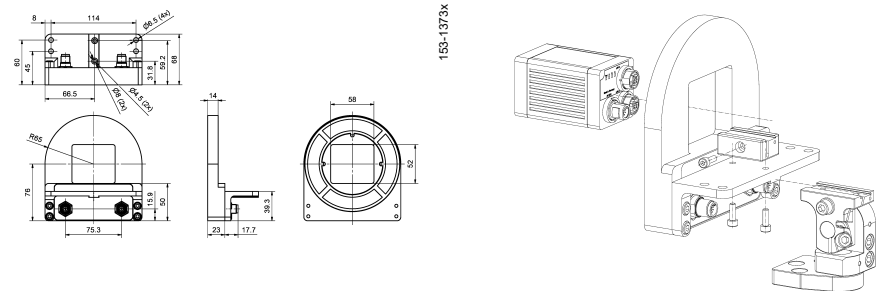
|                                                |                                  |
|------------------------------------------------|----------------------------------|
| <b>Operating voltage UB [V DC]</b>             | 21.6 ... 25.2                    |
| <b>Typical current draw [mA]</b>               | 625                              |
| <b>Explanation typical current consumption</b> | 4 segments: 3.75A @20ms at 24VDC |
| <b>Reverse polarity protection</b>             | Yes                              |
| <b>Overvoltage protection</b>                  | No                               |

### Mechanical data

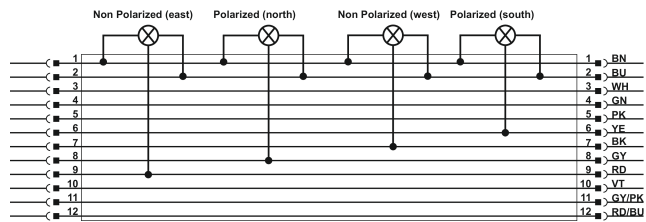
|                                                            |                                                                               |
|------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Height [mm]</b>                                         | 68.0                                                                          |
| <b>Length [mm]</b>                                         | 141.0                                                                         |
| <b>Width [mm]</b>                                          | 130.0                                                                         |
| <b>Weight [g]</b>                                          | ~ 900                                                                         |
| <b>Front panel material</b>                                | Plastic                                                                       |
| <b>Housing material</b>                                    | Aluminum                                                                      |
| <b>Ambient temperature: operation [°C]</b>                 | 0 ... 30                                                                      |
| <b>Explanation of operation at ambient air temperature</b> | Ambient temperature 0...30°C for continuous light, up to 50°C for flash light |
| <b>Ambient temperature: storage [°C]</b>                   | 0 ... 50                                                                      |
| <b>Protection class</b>                                    | IP 54                                                                         |

## Technical drawings

## Dimensional drawing



## Connections



- The contacts of the connection cable of the ring light are internally plated through.
- The connection is made in series.
- First connect the ring lights and then the sensor.
- Maximum number of ring lights connected in series: 2 pieces.
- For connection, use only the cables available as accessories.
- Pulsed operation assumes a pulse/pause ratio of 1 / 5 (e.g. a 1 ms pulse must be followed by a 5 ms pause)

**Product link**

<https://www.sensopart.com/en/products/details/532-51105>



The use of these devices in applications where the safety of persons depends on the function of the device is not permitted.