

SIGNALED II RGB-W signal and work light 1520 mm, 120°, IP54 - LED2WORK 111090-47

Item no. L2W-111090-47

Manufacturer LED2WORK

RGB-W light 1520 mm long that combines coloured signalling with white work lighting. The white channel delivers 6900 lm at approx. 43.2 W, while the RGB cluster LEDs indicate machine states across at least 2563 colours.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **94054239**

Weight **1.05 kg**


STANDARDS & COMPLIANCE

DIN EN 62471

DESCRIPTION

The SIGNALED II RGB-W combines two jobs in one luminaire: coloured signalling via the RGB channel and white work lighting at the same time. Over a 1520 mm body length, the white channel emits 6900 lm at approx. 43.2 W, while the RGB-W cluster LEDs spread at least 2563 colours across a 120° beam angle.

KEY BENEFITS

- Combines coloured signalling and white work lighting in a single luminaire
- White channel with 6900 lm at approx. 43.2 W, luminous efficacy 159.72 lm/W
- RGB-W cluster LED, even light distribution across 120°
- IP54 protection rating for use on machines without chip impact or coolant
- Aluminium housing with polycarbonate cover, opal-white glare control
- Service life over 100,000 h (L80/B10), two pairs of brackets included

TECHNICAL DATA

- Model: SIGNALED II RGB-W
- Design: LED surface-mounted light

- Light source: SMD RGB-W cluster LED
- Power white: approx. 43.2 W
- Luminous flux white: 6900 lm
- Luminous efficacy white: 159.72 lm/W
- Power RGB: approx. 12.96 W (red), approx. 8.64 W (green), approx. 12.96 W (blue)
- Luminous flux RGB: 828 lm (red), 1512 lm (green), 504 lm (blue)
- Light distribution: direct
- Beam angle: 120°
- Glare control: opal white
- Supply voltage: 24 V DC -10 % +7 % (RGB), 24 V DC ±10 % (W)
- Connection: M12 A-coded
- Protection rating (IP): IP54
- Protection class: III
- Operating temperature: -10 °C to +50 °C
- Service life: > 100,000 h (L80/B10)
- Housing material: aluminium
- Cover material: polycarbonate
- Dimensions: 1520 mm x 30 mm x 25 mm (L x W x H)
- Weight: 1050 g
- Risk group (DIN EN 62471): exempt group
- Dimmable: no
- Certifications: CE, UKCA, ETL Listed (5003529), D mark
- Made in: Germany

APPLICATIONS

Suitable for machines and systems without chip impact or coolant, and for conveyors, roller doors and logistics workstations where states are to be shown in colour while work areas are lit in white at the same time.