

# 32309

## Flood Beam · 3060 lm · 36 W

**Flood beam**

Wide, even light distribution for large-area illumination.

**3060 lm / 36 W**

36 pcs high-intensity OSRAM LEDs.

**9–32 V DC**

12 V & 24 V compatible, front and rear use.

**IP67 / E-Mark**

Diecast aluminum — CE / RoHS / E-Mark.



WOLFRAM — Item No. 32309

Compact, powerful and built to last, the WOLFRAM **32309** is a flood-beam LED working light engineered to deliver outstanding visibility in the most demanding environments. Combining performance, quality and long-term durability, it is designed to meet the diverse tasks of professional users who rely on dependable illumination day after day.

At its heart are **36 high-intensity 1 W OSRAM LEDs** that together produce an effective luminous flux of **3060 lumens**. With a color temperature of **5300–5700 K**, the light output is crisp and daylight-like, reducing eye strain and improving contrast so that hazards, obstacles and work zones stay clearly visible. The wide flood beam distributes this brightness evenly across a large field, ensuring comfortable, shadow-free illumination wherever the lamp is aimed.

Engineered for universal vehicle compatibility, the 32309 operates across a wide **9–32 V DC** range and supports both **12 V** and **24 V** electrical systems, drawing only 2.38 A at 12 V and 1.17 A at 24 V for efficient, low-load performance — an ideal fit for trucks, construction machinery, agricultural and commercial vehicles, as well as off-road and special-purpose equipment, in both front- and rear-facing applications.

Built to withstand harsh conditions, the 32309 features a robust **diecast aluminum housing**, a shatterproof **polycarbonate lens** and a **304 stainless steel bracket**. Independently rated to **IP67**, it resists dust, water, impacts, extreme temperatures and vibrations. With a lifespan exceeding **30,000 hours**, a **1-year warranty** and **CE / RoHS / E-Mark** certification, it is a reliable lighting solution that enhances performance and safety — on the farm, on site, and in the wilderness.

## Technical data



Item No. 32309

| Product information              |                                  |
|----------------------------------|----------------------------------|
| Application                      | Working light application        |
| General Product Information      |                                  |
| Item No. / Model                 | 32309                            |
| Product description              | WOLFRAM flood-beam working light |
| Manufacturer / Brand             | WOLFRAM                          |
| Electrical Data                  |                                  |
| Operating voltage                | 9 – 32 V DC                      |
| Nominal voltage                  | 12 / 24 V                        |
| LED power                        | 36 W                             |
| Current at 12 V                  | 2.38 A                           |
| Current at 24 V                  | 1.17 A                           |
| Photometric Data                 |                                  |
| Luminous flux                    | 3060 lm                          |
| Color temperature                | 5300 – 5700 K                    |
| Beam pattern                     | Flood beam                       |
| LED type                         | 1 W high intensity OSRAM LEDs    |
| LED quantity                     | 36 pcs                           |
| Physical Attributes & Dimensions |                                  |
| Dimensions (W × H × D)           | 105 × 129 × 30.9 mm              |
| Housing material                 | Diecast aluminum                 |
| Lens material                    | Polycarbonate (PC)               |
| Mounting bracket                 | 304 Stainless steel              |

## Technical data (cont.)

### Lifetime Data

|                 |                |
|-----------------|----------------|
| Lifespan        | > 30 000 hours |
| Warranty period | 1 year         |

### Capabilities

|                   |           |
|-------------------|-----------|
| Technology        | LED       |
| Connector to lamp | Open wire |

### Certificates & Standards

|                    |                            |
|--------------------|----------------------------|
| Certificates       | CE / RoHS / E-Mark         |
| Approval mark      | E-Mark (ECE R10)           |
| Type of protection | IP67                       |
| Standards          | ECE R10 / E-Mark, CE, RoHS |

### Logistical Data

|                     |            |
|---------------------|------------|
| Commodity code (HS) | 8512201000 |
|---------------------|------------|

### Environmental & Regulatory Information

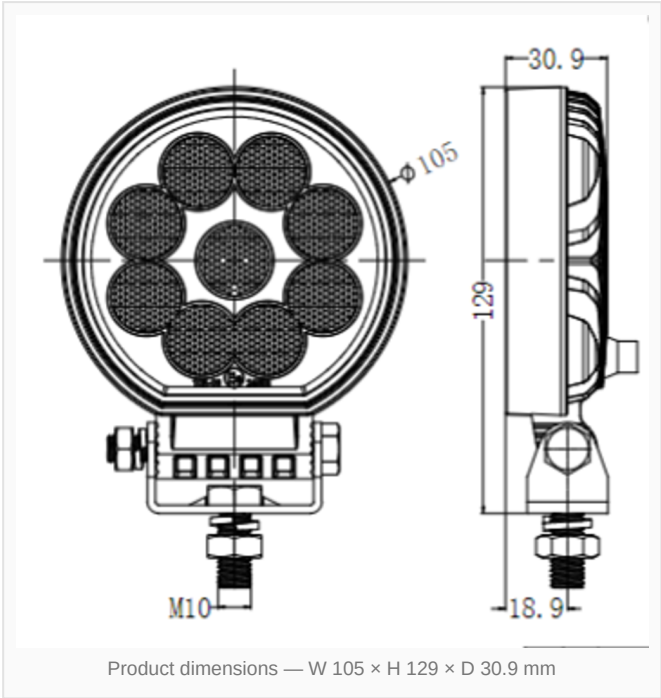
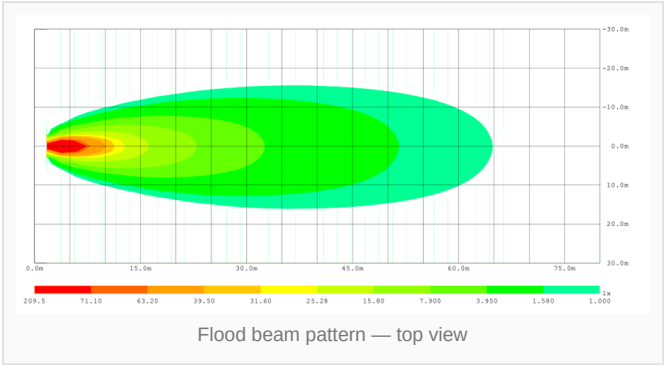
|                                 |                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|
| RoHS compliance                 | Compliant                                                                                      |
| REACH — Art. 33 of EC 1907/2006 | Lead (Pb) · CAS No. 7439-92-1                                                                  |
| Safe use instruction            | Identification of the Candidate List substance is sufficient to allow safe use of the article. |

### Logistical Data — Packaging

| Product code | Product description      | Packaging unit (pcs)     | Dimensions L × W × H | Net weight      |
|--------------|--------------------------|--------------------------|----------------------|-----------------|
| 32309        | Flood-beam working light | Folding carton box — 1   | 13.4 × 5 × 14.6 cm   | 0.4155 kg / pcs |
| 32309        | Flood-beam working light | Shipping carton box — 40 | 55 × 27 × 31.5 cm    | 19.3 kg / ctn   |

The product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Beam pattern & dimensions



|                                   |                                           |                                       |
|-----------------------------------|-------------------------------------------|---------------------------------------|
| <b>Beam pattern</b><br>Flood beam | <b>Beam angle</b><br>Wide flood (≈ 60°)   | <b>Luminous flux</b><br>3060 lm       |
| <b>LED power</b><br>36 W          | <b>Color temperature</b><br>5300 – 5700 K | <b>Light source</b><br>36 × OSRAM LED |

Diagrams are provided for reference only. Actual light distribution and dimensions may vary according to installation, operating voltage and production batch.

1) Working lights without E-mark approval must not be switched on while driving on public roads; observe national regulations. 2) See [www.wolframgermany.com](http://www.wolframgermany.com) for warranty terms. This datasheet is provided for information purposes only and is subject to change without notice. © WOLFRAM. All rights reserved.