

32401

Flood Beam · 425 lm · 5 W

Flood beam

Wide, even light distribution for large-area illumination.

425 lm / 5 W

5 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. 32401

Compact, powerful and built to last, the WOLFRAM **32401** 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 **5 high-intensity 1 W OSRAM LEDs** that together produce an effective luminous flux of **425 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 32401 operates across a wide **9–32 V DC** range and supports both **12 V** and **24 V** electrical systems, drawing only 0.24 A at 12 V and 0.13 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 32401 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. 32401

Product information	
Application	Working light application
General Product Information	
Item No. / Model	32401
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	5 W
Current at 12 V	0.24 A
Current at 24 V	0.13 A
Photometric Data	
Luminous flux	425 lm
Color temperature	5300 – 5700 K
Beam pattern	Flood beam
LED type	1 W high intensity OSRAM LEDs
LED quantity	5 pcs
Physical Attributes & Dimensions	
Dimensions (W × H × D)	30 × 50 × 28.7 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
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Environmental & Regulatory Information

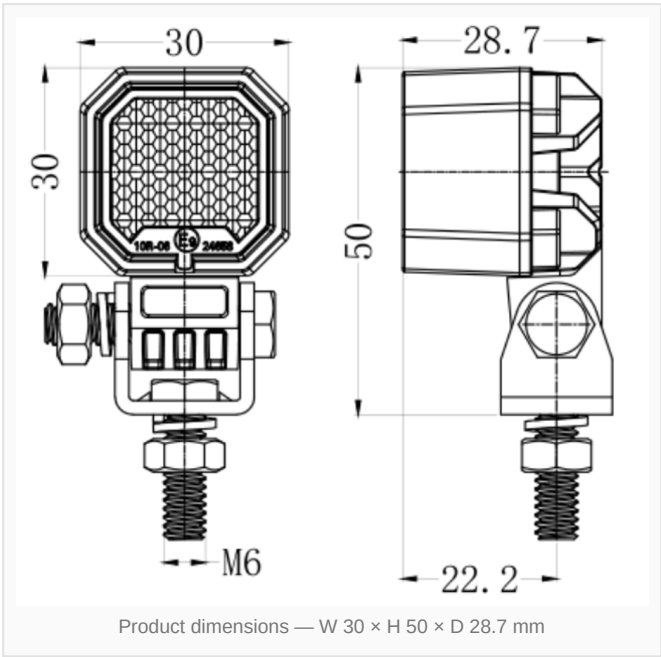
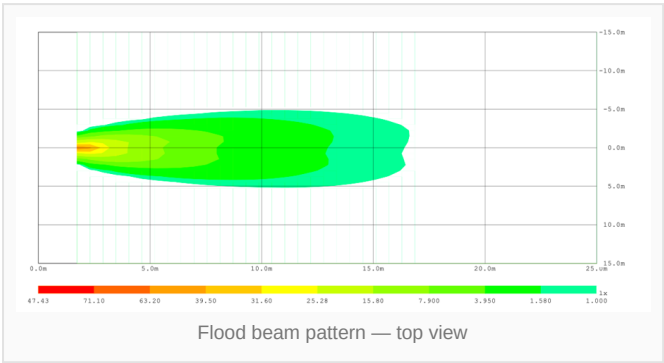
RoHS compliance	Compliant
REACH — Art. 33 of EC 1907/2006	Lead (Pb) · CAS No. 7439-92-1
Safe use instruction	Identification of the Candidate List substance is sufficient to allow safe use of the article.

Logistical Data — Packaging

Product code	Product description	Packaging unit (pcs)	Dimensions L × W × H	Net weight
32401	Flood-beam working light	Folding carton box — 1	9 × 4.8 × 10.3 cm	0.0665 kg / pcs
32401	Flood-beam working light	Shipping carton box — 40	38 × 22 × 26.5 cm	4.2 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



Beam pattern Flood beam	Beam angle Wide flood (≈ 60°)	Luminous flux 425 lm
LED power 5 W	Color temperature 5300 – 5700 K	Light source 5 × 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 for warranty terms. This datasheet is provided for information purposes only and is subject to change without notice. © WOLFRAM. All rights reserved.