

GROTE TRILLIANT® MMX.4

LED Worklamp

9-32V

DATA SHEET

WORK LIGHTING



Trilliant® MMX.4 | 4000 lm Small Dimensions, Maximum Efficiency & Performance

- The performance version of our MMX worklamp
- Powerful 4000 lm output at a power consumption of 53 W
- Field-proven 5700K CCT guarantee fatigue free working
- State of the art TIR-only lens design maximizes optical efficiency
- Constant luminance over the whole operating temperature range
- Long lifetime due to sophisticated thermal design
- Pressure-washer-safe according to IP69K
- Circuitry protected against automotive transients, DC over- and undervoltage and ESD
- Complies to EMC standard CISPR25 class 5
- Two distinct light distributions cover all illumination needs
- As an option, the MMX series is available with our new Ball Basket mounting system: Mount and adjust your lamp within seconds with a single bolt

PRODUCT SPECIFICATIONS

OPTICAL CHARACTERISTICS

Illuminance	
Calculated:	4800 lm
Instant-on (t ₀):	max. 4300 lm
Continuous (t ₃₀):	max. 4000 lm
Color temperature (CCT)	5700K
Color rendering index (CRI)	70
Efficacy	76 lm/W

ELECTRICAL CHARACTERISTICS

Operating voltage range	9-32V
Input current	4,4A (12V) and 2,2A (24V)
Inrush current	Nominal input current is not exceeded
Power consumption	53W
Input connector	Deutsch DT, alternative AMP
Operating temperature range	-40°C to +50°C
Reverse polarity protection	✓
Overheat protection	✓
ESD, overvoltage and transient protection	✓

MECHANICAL CHARACTERISTICS

Dimensions (HxWxD)	Bracket version: 127x110x72mm Ball version: 137x110x73mm
Weight	870g exkl. Bracket
Materials	Lens: UV resistant polycarbonate Housing: Aluminium powder-coated
Color	Black
IP Code	IP69K
Mounting	Pendant and pedestal
Maximum storage temperature	-55°C to +110°C
Impact and shock resistance	50G
Vibration resistance	5G (5-500Hz)

APPROVALS AND CERTIFICATES

ECE	R10
CE	✓
UKCA	✓
ISO 14982	✓ (testpuls 5 with 28V)
ISO 7637-2	✓
ISO 10605	✓
ISO 11452	Section 2, 4 and 5
CISPR 25	Class 5
ISO 20653	✓

Order no.	Light distribution	Assembly
64Z01	CLOSE RANGE	BALL BASKET
64Z11	FAR RANGE	BALL BASKET
64Z21	CLOSE RANGE	BRACKET
64Z31	FAR RANGE	BRACKET

LUMENS

4800 r	4300 i	4000 e
Raw	Instant-On	Effective



FOR MORE
INFORMATION
VISIT **GROTE.COM**

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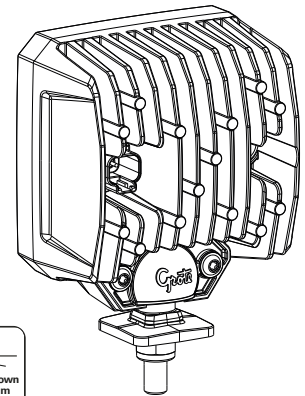
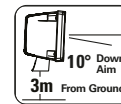
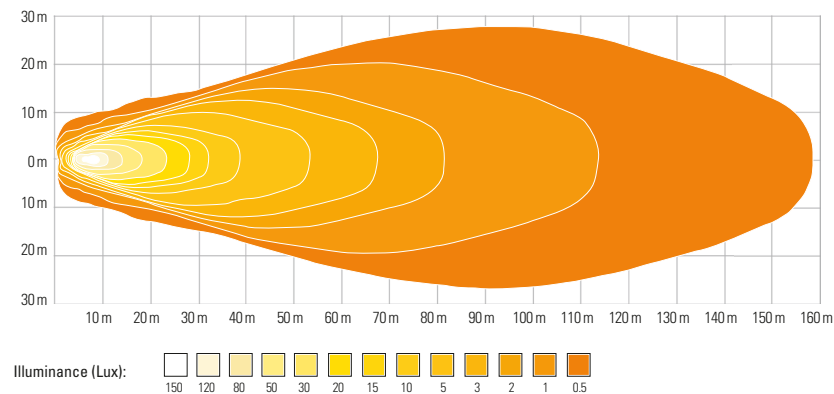
LED-Worklamp

9-32V

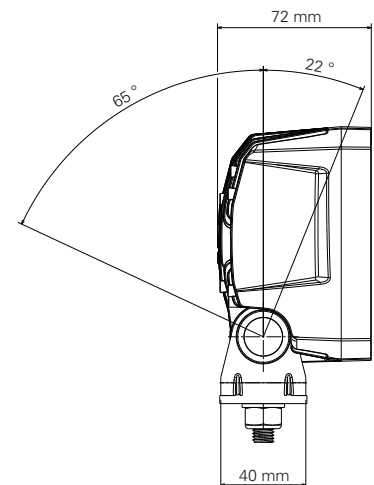
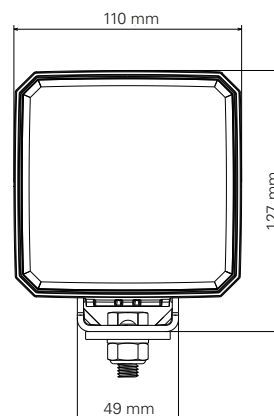
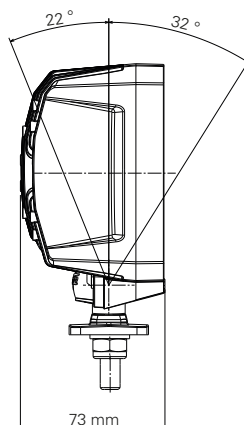
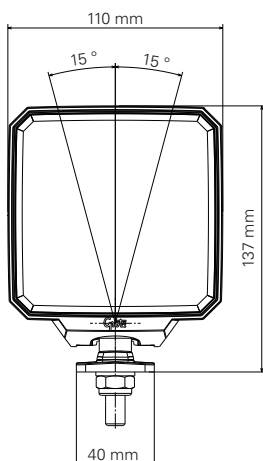
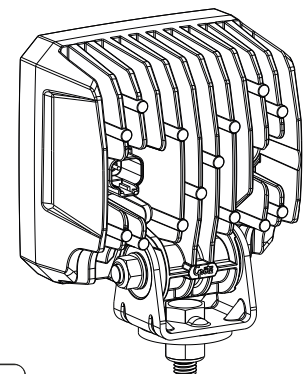
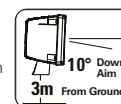
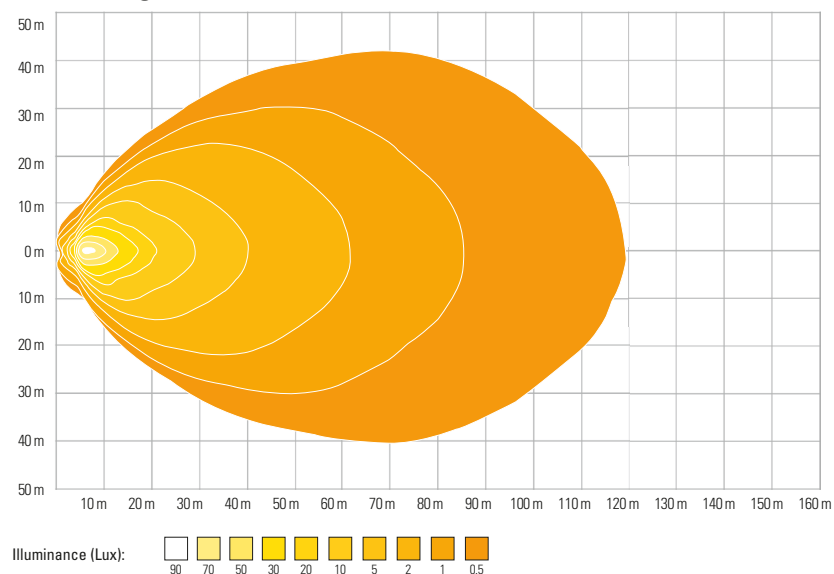
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WORK LIGHTING

Far Range - IsoLux (64Z11 & 64Z31)



Close Range - IsoLux (64Z01 & 64Z21)



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