

GROTE TRILLIANT® MMX.3

LED Worklamp

9-32V

DATA SHEET

WORK LIGHTING



Trilliant® MMX.3 | 3000 lm Small Dimensions, Maximum Efficiency & Performance

- The entry-level version of our MMX worklamp
- Powerful 3000 lm output at a power consumption of 42 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 SMX series is available with our new Ball Basket mounting system: Mount and adjust your lamp within seconds with a single bolt

Order no.	Light distribution	Assembly
64Y01	CLOSE RANGE	BALL BASKET
64Y11	FAR RANGE	BALL BASKET
64Y21	CLOSE RANGE	BRACKET
64Y31	FAR RANGE	BRACKET

PRODUCT SPECIFICATIONS

OPTICAL CHARACTERISTICS

Illuminance	
Calculated:	3800 lm
Instant-on (t ₀):	max. 3300 lm
Continuous (t ₉₀):	max. 3000 lm
Color temperature (CCT)	5700K
Color rendering index (CRI)	70
Efficacy	72 lm/W

ELECTRICAL CHARACTERISTICS

Operating voltage range	9-32V
Input current	3,47A (12V) and 1,73A (24V)
Inrush current	Nominal input current is not exceeded
Power consumption	42W
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: 127x110x72 mm Ball version: 137x110x73 mm
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	✓

LUMENS

3800 r	3300 i	3000 e
Raw	Instant-On	Effective



FOR MORE
INFORMATION
VISIT **GROTE.COM**

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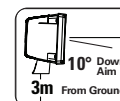
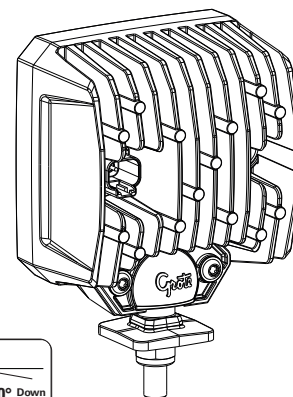
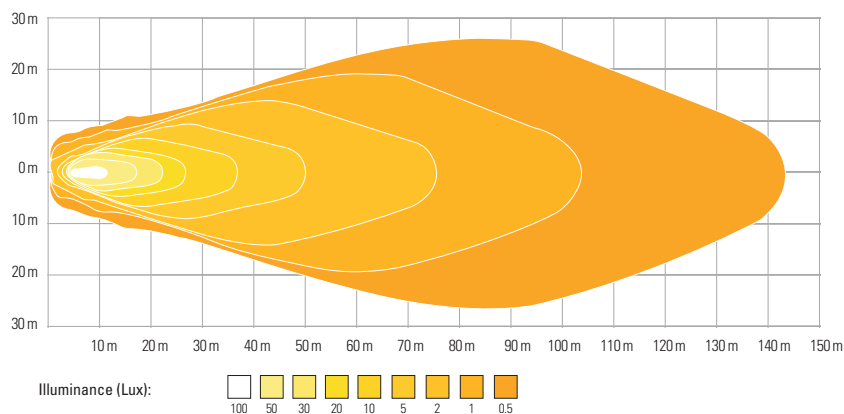
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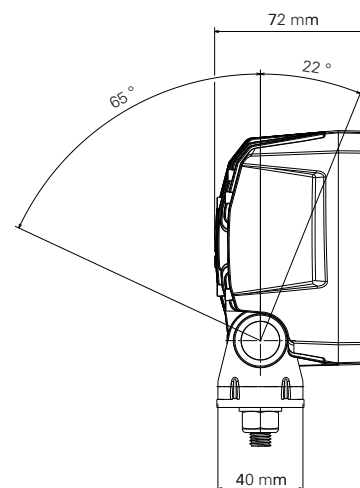
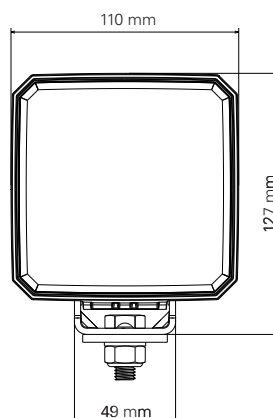
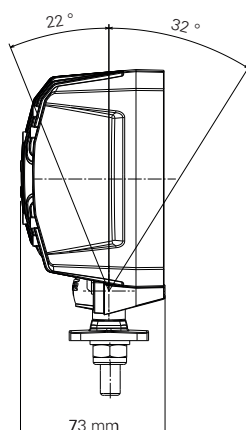
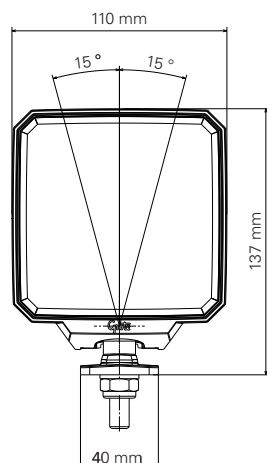
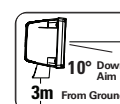
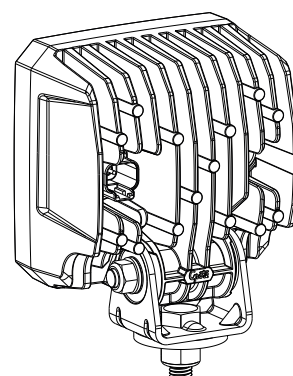
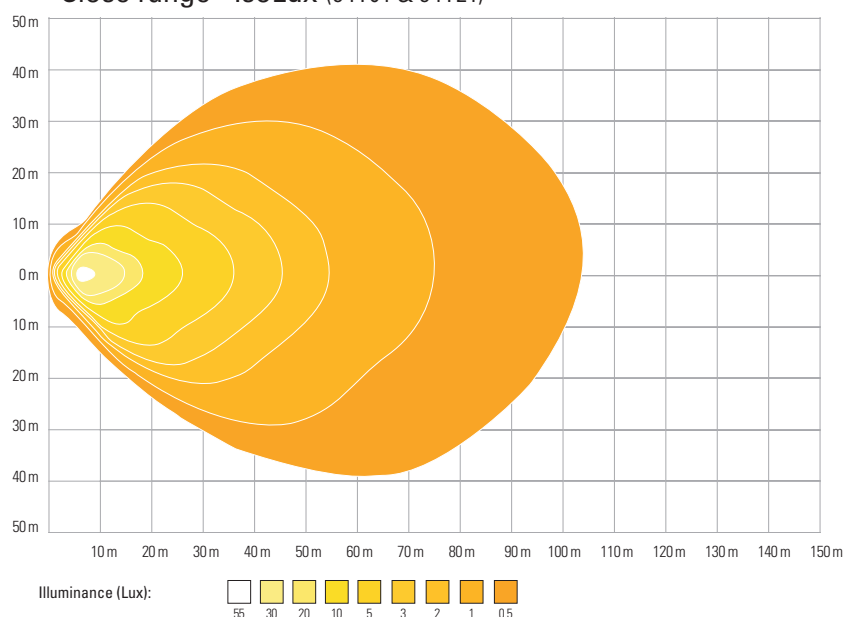
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Far range - IsoLux (64Y11 & 64Y31)



Close range - IsoLux (64Y01 & 64Y21)



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