

e90 LED WORK LAMPS

FROM GROTE



ALUMINUM
CONSTRUCTION



OEM
SPEC



FLOOD
BEAM PATTERN



IP69K
CERTIFIED

WITH MULTIPLE OUTPUT LEVELS, BEAM PATTERNS, AND A LONG SERVICE LIFE, GROTE'S e90 LED WORK LAMPS DELIVER A POWERFUL AND VERSATILE EQUIPMENT LIGHTING SOLUTION



OPTICAL CHARACTERISTICS

Color Temperature (CCT)	5700K
Color Rendering Index (CRI)	70
Efficacy	60 lm / W

ELECTRICAL CHARACTERISTICS

Operating Temperature Range	-40° C to +50° C
Reverse Polarity Protection	✓
Overheat Protection	✓
ESD, Overvoltage and Transient Protection	✓

MECHANICAL CHARACTERISTICS

Materials	Lens: UV-resistant Polycarbonate Housing: Aluminum Powder-Coated
Color	Black
IP Code	IP69K
Maximum Storage Temperature	-55° C to +110° C

APPROVALS AND CERTIFICATES

ECE	R10, R23
CE	✓
ISO 7637-2/ISO 16750-2	Without testpuls 5 (load dump)
ISO 10605	✓
ISO 11452	Section 2, 4 and 5
CISPR25	✓

FEATURES & BENEFITS

- Compact housing with a depth of only 3.5 cm/1.38"
- Robust materials enhance endurance in tough environmental conditions
- Water- and dust-proof in accordance with IP69K
- Premium level EMC requirements (CISPR25 Class 5) - won't interfere with radio signals

PRODUCT NUMBER	BEAM PATTERN	LUMENS	VOLTAGE	AMPERAGE	TERMINATION
64V21-3	FAR FLOOD - R23	1010	12 V	1.4 A	DEUTSCH
64V31-3	FAR FLOOD - R23	1010	24 V	0.7 A	DEUTSCH
64V41-3	NEAR FLOOD	1010	12 V	1.4 A	DEUTSCH
64V51-3	NEAR FLOOD	1010	24 V	0.7 A	DEUTSCH
64V61-3	FAR FLOOD - R23	1010	12 V	1.4 A	DEUTSCH
64V71-3	FAR FLOOD - R23	1010	24 V	0.6 A	DEUTSCH
64V81-3	NEAR FLOOD	1010	12 V	1.4 A	DEUTSCH
64V91-3	NEAR FLOOD	1010	24 V	0.6 A	DEUTSCH



EZ-FIND

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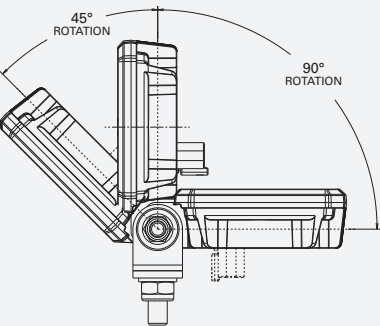
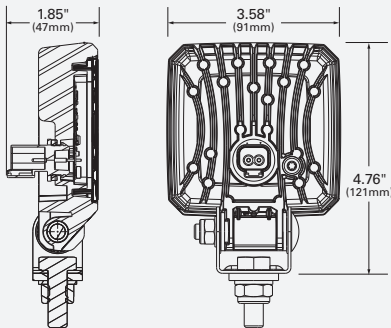
OEM
SPEC



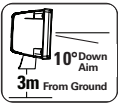
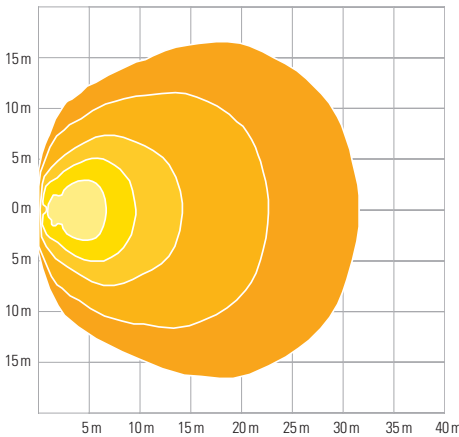
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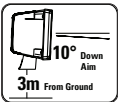
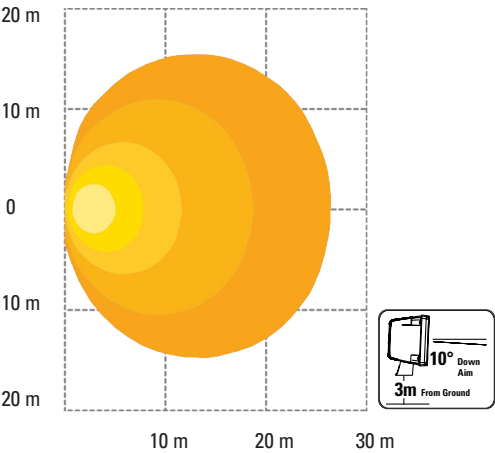
NEAR FLOOD - ISOLUX (64V81-3, 64V91-3, 64V81-4, 64V91-4)



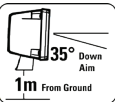
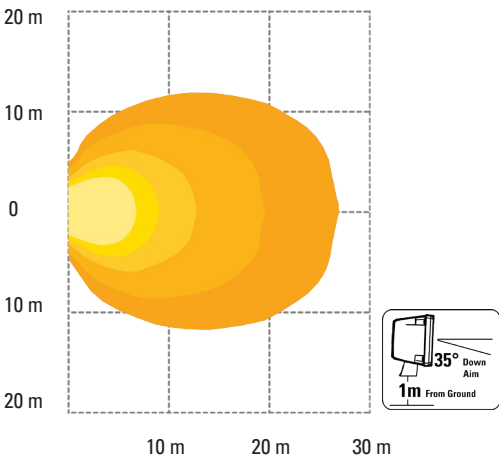
Illuminance (Lux)



NEAR FLOOD - ISOLUX (64V41-3, 64V51-3)



FAR FLOOD (R23) - ISOLUX (64V21-3, 64V31-3)



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