

# e110 LED WORK LAMPS

## FROM GROTE



ALUMINUM  
CONSTRUCTION

12/24V

DUAL  
VOLTAGE



FLOOD  
BEAM PATTERN

OEM

OEM  
SPEC

WITH MULTIPLE OUTPUT LEVELS, MOUNTING OPTIONS, AND BEAM PATTERNS, GROTE'S e110 LED WORK LAMPS DELIVER A POWERFUL AND VERSATILE EQUIPMENT LIGHTING SOLUTION.



**OPTICAL CHARACTERISTICS**

Color Temperature (CCT)	5700K
Color Rendering Index (CRI)	70

**ELECTRICAL CHARACTERISTICS**

Operating Voltage Range	9 - 32 V
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
IP Code	IP69
Maximum Storage Temperature	-55° C to +110° C
Impact and shock resistance	50 G
Vibration Resistance	5 G (5 - 500 Hz)

**APPROVALS AND CERTIFICATES**

ISO 7637-2	✓
ISO 10605	✓
ISO 11452	Section 2, 4 and 5
ISO 20653	✓

**FEATURES & BENEFITS**

- Thanks to a variable voltage range of 9 to 32 volts, e110 LED Work Lamps are highly adaptable for different environments
- Meet stringent EMC requirements in accordance with CISPR 25 Class 5
- Constant luminance over the whole operating temperature range
- An innovative flexible screw-in ball mounting is available, offering even greater ease of installation
- State-of-the-art TIR-only lens design maximizes optical efficiency
- Rated IP69K, making it pressure-washer safe
- Circuitry protected against automotive transients, DC over- and undervoltage, and ESD
- Unique thermal design improves durability for a lamp that lasts longer

PRODUCT NUMBER	BEAM PATTERN	LUMENS	VOLTAGE	AMPERAGE	MOUNTING TYPE
64Y01	NEAR FLOOD	3000	9-32V	3.47 A (12 V); 1.73 A (24 V)	BALL BASKET
64Y11	FAR FLOOD	3000	9-32V	3.47 A (12 V); 1.73 A (24 V)	BALL BASKET
64Y21	NEAR FLOOD	3000	9-32V	3.47 A (12 V); 1.73 A (24 V)	PENDANT
64Y31	FAR FLOOD	3000	9-32V	3.47 A (12 V); 1.73 A (24 V)	PENDANT
64Z01	NEAR FLOOD	4000	9-32V	4.4 A (12 V); 2.2 A (24 V)	BALL BASKET
64Z11	FAR FLOOD	4000	9-32V	4.4 A (12 V); 2.2 A (24 V)	BALL BASKET
64Z21	NEAR FLOOD	4000	9-32V	4.4 A (12 V); 2.2 A (24 V)	PENDANT
64Z31	FAR FLOOD	4000	9-32V	4.4 A (12 V); 2.2 A (24 V)	PENDANT



**EZ-FIND**  
SCAN FOR TECH SPECS,  
RELATED PRODUCTS  
AND MORE

FOR MORE INFORMATION  
VISIT OUR WEBSITE.  
**GROTE.COM**



# e110 LED WORK LAMPS FROM GROTE



ALUMINUM  
CONSTRUCTION

12/24V

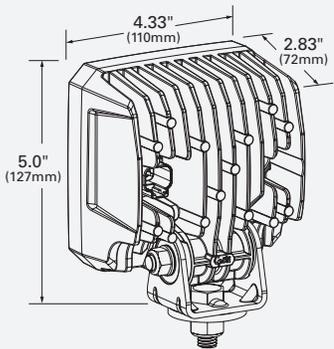
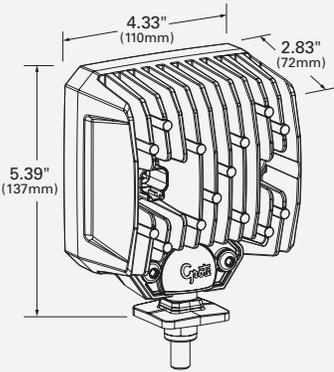
DUAL  
VOLTAGE



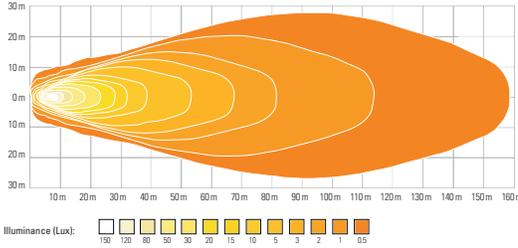
FLOOD  
BEAM PATTERN

OEM

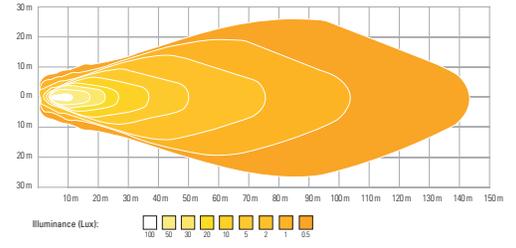
OEM  
SPEC



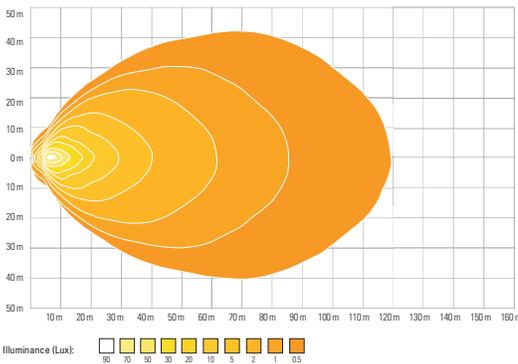
FAR RANGE - (64Z11 & 64Z31)



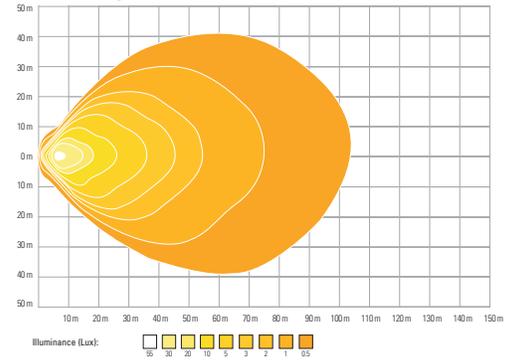
FAR RANGE - (64Y11 & 64Y31)



CLOSE RANGE - (64Z01 & 64Z21)



CLOSE RANGE - (64Y01 & 64Y21)



**EZ-FIND**  
SCAN FOR TECH SPECS,  
RELATED PRODUCTS  
AND MORE

FOR MORE INFORMATION  
VISIT OUR WEBSITE.  
**GROTE.COM**

