

# Trilliant<sup>®</sup> Oval 2000

## Data sheet

WORK LIGHTING



### Oval Work Lights: Established Technology in an Oval Design at an Attractive Price

- Robust materials enhance endurance in tough environmental conditions
- Sealed lamp resists particle and water intrusion which meets IP69K
- Innovative thermal management for long product lifetime
- Protected against automotive transients
- True multivoltage operating range (9-32 V)
- Premium level EMC behavior (CISPR 25 class 5) - won't interfere with radio signals
- Complies with ISO 14982 and EN 13309 for operation in agricultural- and construction-site machinery

### PRODUCT SPECIFICATIONS

#### OPTICAL CHARACTERISTICS

Illuminance	Calculated:	3100lm
	Instant-on (t <sub>0</sub> ):	2750lm
	Continuous (t <sub>30</sub> ):	2350lm
Color temperature (CCT)	5700K	
Color rendering index (CRI)	70	
Efficacy	64lm/W	

#### ELECTRICAL CHARACTERISTICS

Operating voltage range	9-32V
Input current	2.6A (14V) and 1.3A (28V)
Inrush current	Nominal input current is not exceeded
Power consumption	37W
Input connector	Deutsch DT
Operating temperature range	-40° C to +50° C / -40°F to 122°F
Reverse polarity protection	✓
Overheat protection	✓
ESD, overvoltage and transient protection	✓

#### MECHANICAL CHARACTERISTICS

Dimensions	97x150x69mm (HxWxD)
Weight	700g
Materials	Lens: Scratch and UV resistant hard coated polycarbonate
	Housing: Aluminium powder-coated
Color	Black
IP Code	IP69K
Mounting	Pendant and pedestal (Screw M10)
Maximum storage temperature	-55° C to +110° C / -67°F to 230°F
Impact and shock resistance	50G
Vibration resistance	5G (5-500Hz)

#### APPROVALS AND CERTIFICATES

ECE	R10
CE	✓
ISO 14982	✓
EN 13309	✓
ISO 7637-2 / ISO 16750-2	✓
ISO 10605	✓
ISO 11452	Section 2 and 4
CISPR 25	Class 5
ISO 16750	Section 3-5
EN 60068	✓
ISO 20653	✓

**LUMENS**

3100 r 2750 i 2350 e

Raw Instant-On Effective

Part Number	Light Pattern	Connector
64W01	LONG RANGE	Deutsch DT
64W11	CLOSE RANGE	Deutsch DT

2600 Lanier Drive, Madison, Indiana U.S.A. 47250-0550

U.S. **800.628.0809** Canada **800.268.5612**

Europe **+49 9422 40331-0** Mexico **+(52) 818262 4412** China **+86.21.5774.9633**

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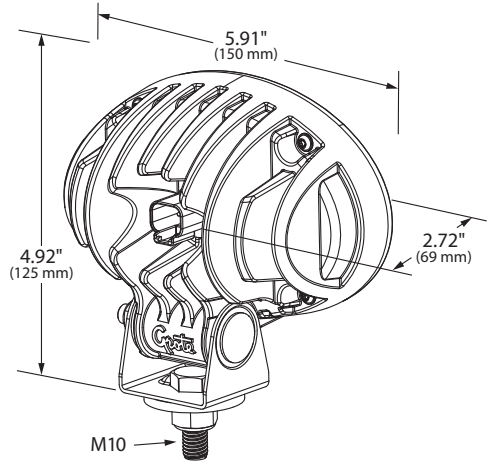
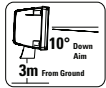
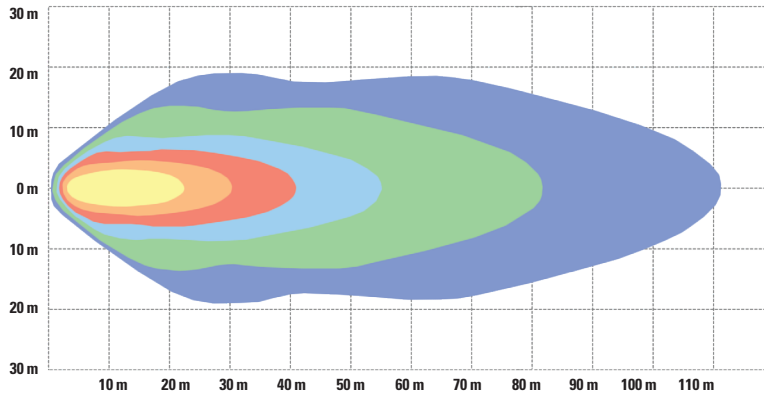
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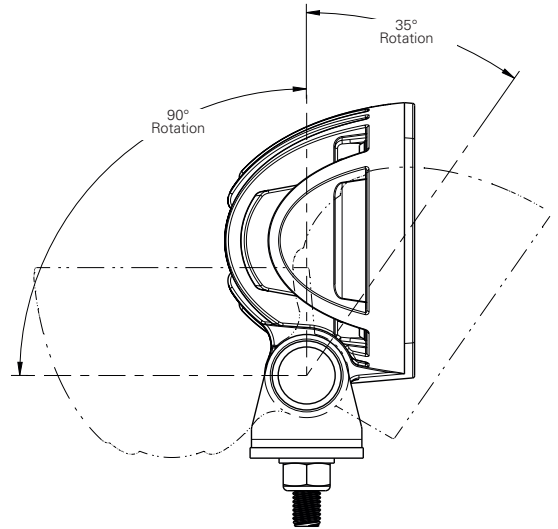
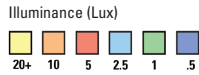
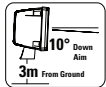
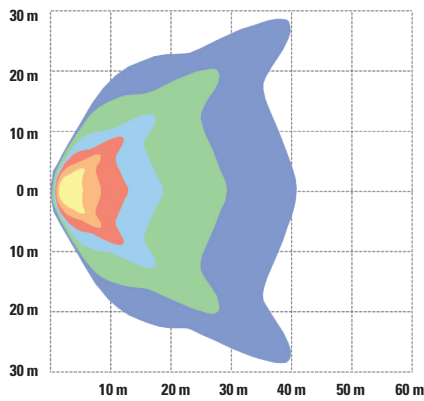
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Long Range - IsoLux (64W01)



Close Range - IsoLux (64W11)



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