

Trilliant® Cube 2000

Data sheet

WORK LIGHTING



Cube Work Lights: Leading Edge Features and Enhanced Functionality

- Highly efficient circuit board produces 60 lumens per watt across all voltages
- 10x10cm housing with a reduced depth of only 75 mm
- Die-cast aluminium housing and stainless steel mounting bracket for toughest environmental conditions
- Scratch resistant and UV-proof hard coated polycarbonate lens
- Sealed lamp resists particle and water intrusion which meet IP69K
- Includes heat management and transient protection technology for enhanced LED life
- Protected against automotive transients and overvoltages
- True multivoltage operating range (9-32 V)
- Premium level EMC requirements (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 ₀): 2580lm Continuous (t ₃₀): 2200lm
Color temperature (CCT)	5700K
Color rendering index (CRI)	70
Efficacy	60lm/W

ELECTRICAL CHARACTERISTICS

Operating voltage range	9-32V
Input current	2.6 A (14V) and 1.3 A (28V)
Inrush current	Nominal input current is not exceeded
Power consumption	37W
Input connector	Deutsch DT, Superseal
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	100x100x75mm (HxWxD)
Weight	720 g
Materials	Lens: Scratch and UV resistant hard coated polycarbonate Housing: Aluminium powder-coated
Color	Black
IP Code	IP6K9K, IPX7
Mounting	Pendant (screw M10)
Maximum storage temperature	-55°C to +110°C / -67°F to 230°F
Impact and shock resistance	50G
Vibration resistance	5G (5-500 Hz)

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	2580 i	2200 e
Raw	Instant-On	Effective

Part Number	Light Pattern	Connector
63W01	LONG RANGE	Deutsch DT
63W11	LONG RANGE	Superseal
63W21	CLOSE RANGE	Deutsch DT
63W31	CLOSE RANGE	Superseal

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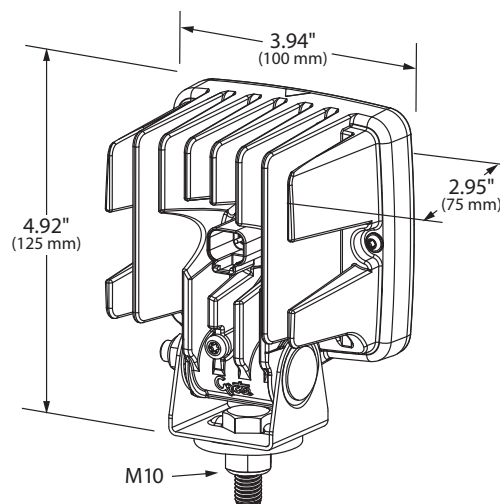
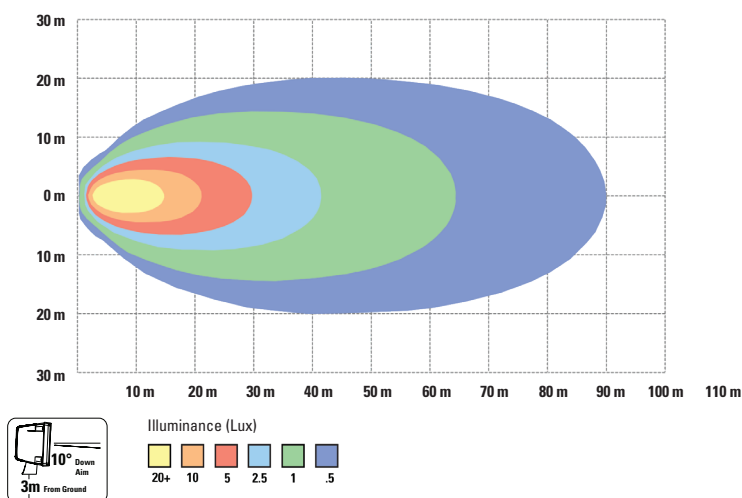
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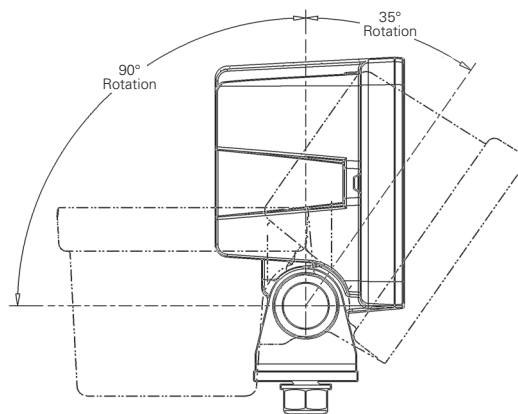
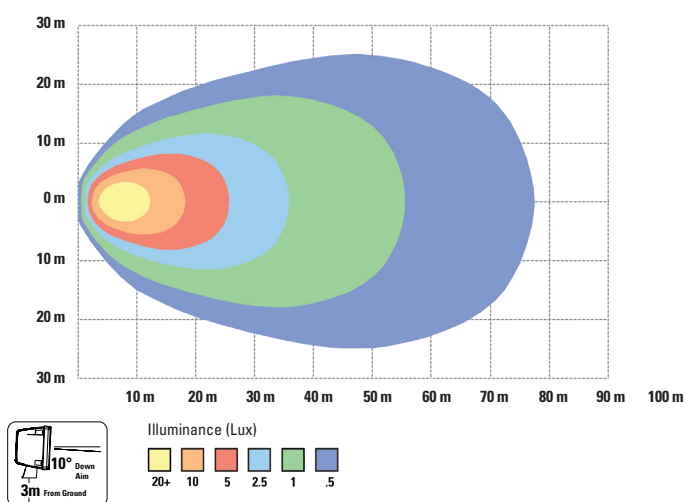
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Long Range - IsoLux (63W01, 63W11)



Close Range - IsoLux (63W21, 63W31)



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