

TRILLIANT® CUBES



DATA SHEET

WORK LIGHTING



Cube Work Lights: Leading Edge Features and Enhanced Functionality

- 10 x10cm 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
- 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

	3000	2000
Calculated:	4200 lm	3100 lm
Instant-on (t ₀):	3530 lm	2580 lm
Continuous (t ₃₀):	3040 lm	2200 lm
Illuminance		
Color temperature (CCT)	5700 K	
Color rendering index (CRI)	70	
Efficacy	68 lm/W	

ELECTRICAL CHARACTERISTICS

Operating voltage range	9-32 V
Input current	2000: 2.6 A (14 V) and 1.3 A (28 V) 3000: 3.2 A (14 V) and 1.6 A (28 V)
Inrush current	Nominal input current is not exceeded
Power consumption	2000: 37 W 3000: 45 W
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	100x100x75 mm (HxWxD)
Weight	720 g
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	50 G
Vibration resistance	5 G (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	✓

Part Number	Light Pattern	Effective Lumens	Connector
63W21	CLOSE RANGE	2200	Deutsch DT
63W41	LONG RANGE	3040	Deutsch DT
63W61	CLOSE RANGE	3040	Deutsch DT
63W71	CLOSE RANGE	3040	Superseal

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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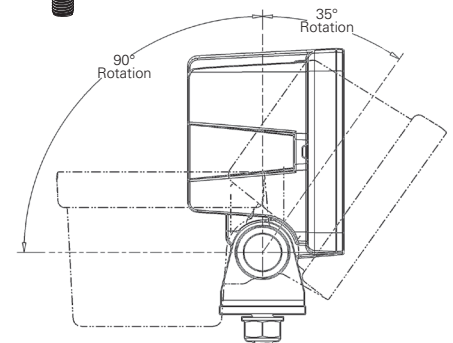
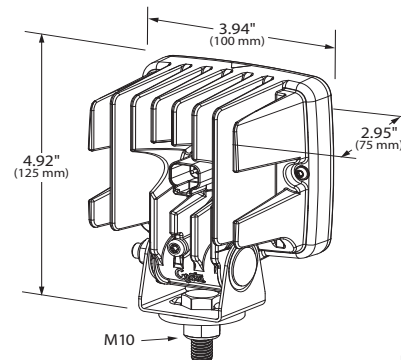
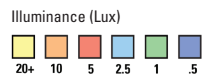
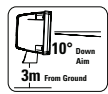
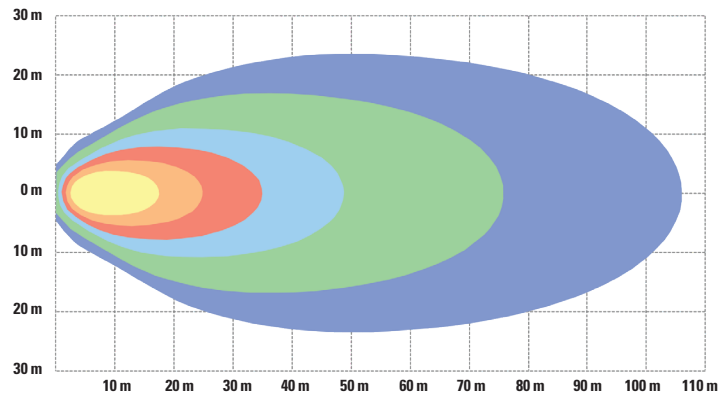
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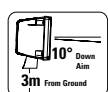
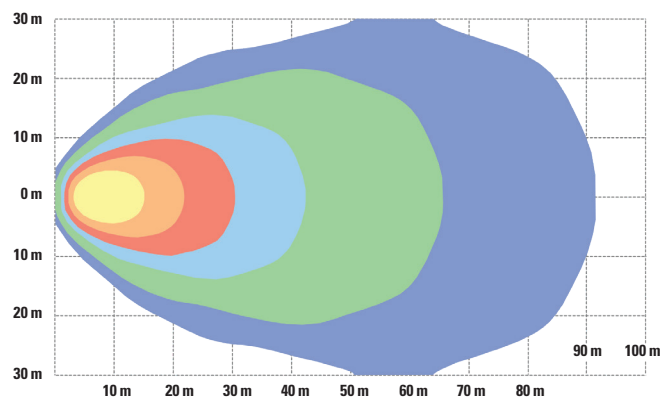
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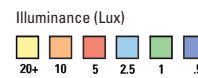
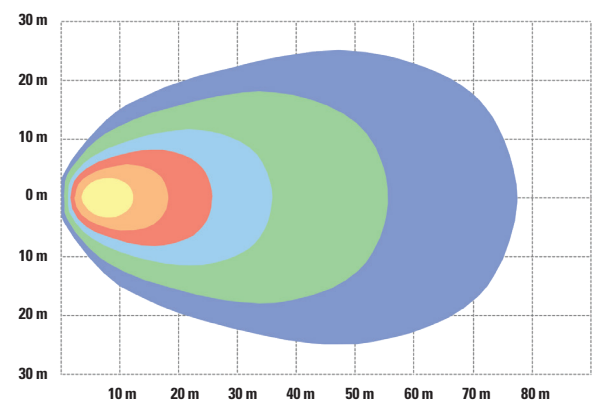
Long Range - IsoLux (63W41)



Close Range - IsoLux (63W61, 63W71)



Close Range - IsoLux (63W21, 63W31)



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