

TRILLIANT® CUBE 1200 LED WORK LAMP FROM GROTE



ALUMINUM
CONSTRUCTION



WIDE FLOOD
BEAM PATTERN



FLOOD
BEAM PATTERN



DUAL
VOLTAGE

LED PERFORMANCE IN A NEW RUGGED PACKAGE PROVIDES MOUNTING FLEXIBILITY, SMALL SIZE, AND POWERFUL PERFORMANCE



MATERIALS

Plug connector type: Deutsch or Hard Shell Superseal
 Operation at ambient temperature with full light output: -40 °C to 50 °C (-40 °F to 122 °F)
 Storage temperature: -40 °C to 100 °C (-40 °F to 122 °F)
 Housing material: Aluminum pressure die casting, black powder coated
 Lens: PC, UV-resistant and with anti-scratch coating
 Temperature management: Optimized design of the cooling fins
 Assembly options: Standard bracket with M10 screw

ELECTRICAL PROPERTIES

Input voltage: 9 V - 16 V or 18 V - 32 V
 Power draw: 26 W
 Electrical protection: Reverse polarity, ESD, excess voltage

LIGHT INTENSITY

Light emitting efficiency: 46 (Lumen per Watt)
 Color rendering index (CRI): 69
 Effective range (5 Lux on ground):
 Wide Flood illumination
 12 m (39 ft.); Flood illumination 23 m (75 ft.)
 Effective area of dispersal (5 Lux on ground):
 Wide Flood illumination: 7 m (23 ft.);
 Flood illumination: 7 m (23 ft.)

TESTS & CERTIFICATES

Shock test: EN 60068-2-6:1996, EN 60068-2-64:1995, EN 60068-2-29:1993, EN 60068-2-27:2009, EN 60068-2-32:1993
 Thermal stress test: EN 60068-2-2:2007, IEC 60068-2-14:2009
 Protection type: IP69K (ISO 20653), FMVSS108 14.5.2, FMVSS108 14.5.3, ISO 20653-IP6, EN 60068-2-30:2005
 Corrosion: FMVSS108 S14.5.4
 Storage temperature test: ISO 16750-4:2003
 Light output: IESNA LM-79
 EMC Certificate, UN Guideline: 72/245/EEC, CE, CISPR 25 Class 5, R10, R23*

FEATURES & BENEFITS

- Best solution for the most demanding requirements and ambient conditions, provided by using pressure die castings in aluminum for the housing and in stainless steel for the fastening elements (non-rusting).
- Hardened lens to prevent scratches or fading on exposure to the sun
- High efficiency; 1200 Lumen/26 Watt = 46 Lumen/Watt
- Available in Flood, Wide Flood, and Near Flood beam patterns.
- Leak proof sealed lamp is certified IP69K; stands up to scratches, pressure washing, and harsh weather.
- Available with Hard Shell Superseal and Deutsch connector options.

PART#	TERMINATION	BEAM PATTERN	COLOR TEMP.	VOLTS	AMPS	LUMENS
63981	HARD SHELL SUPERSEAL	FLOOD	6500	12/24	1.4/.7A	1200
63981-5	HARD SHELL SUPERSEAL	FLOOD	6500	12/24	1.4/.7A	1200
63991-5	HARD SHELL SUPERSEAL	WIDE FLOOD	6500	12/24	1.4/.7A	1200
63E21	DEUTSCH	FLOOD	6500	12/24	1.4/.7A	1200
63Y61	DEUTSCH	NEAR FLOOD	5700	9-32 V	1.5/0.75 A	1200
63Y71	DEUTSCH	FLOOD	5700	12 V	1.9 A	1200
63Y71-3	DEUTSCH	FLOOD	5700	12 V	1.9 A	1200
63Y81	DEUTSCH	NEAR FLOOD	5700	12 V	1.9 A	1200
63Y81-3	DEUTSCH	NEAR FLOOD	5700	12 V	1.9 A	1200



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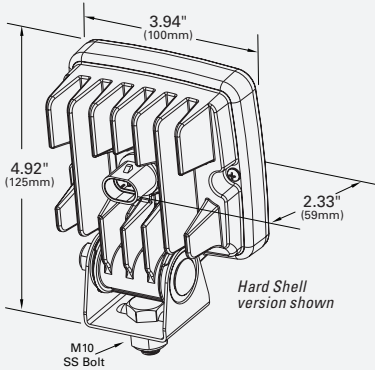
WIDE FLOOD
BEAM PATTERN



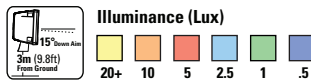
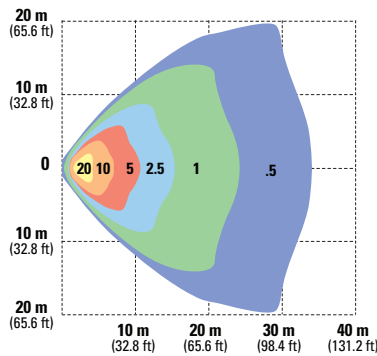
FLOOD
BEAM PATTERN

12/24V

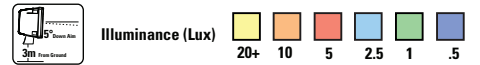
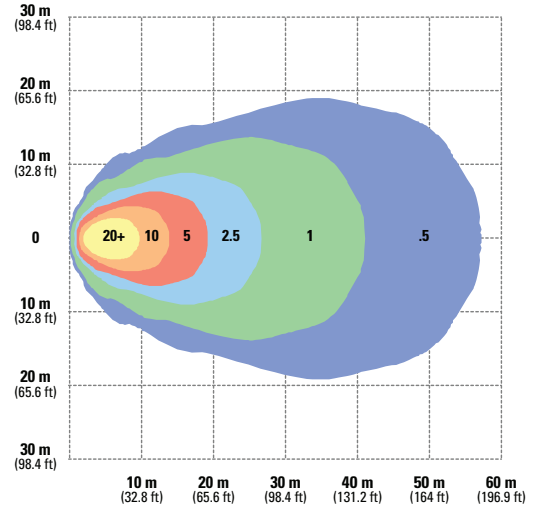
DUAL
VOLTAGE



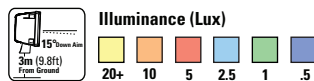
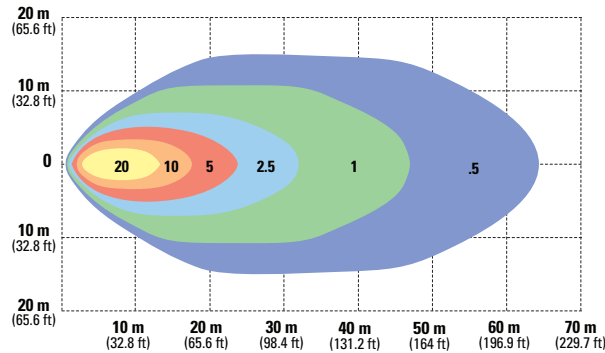
Trilliant
CUBE Wide Flood - IsoLux



Trilliant
CUBE Near Flood - IsoLux



Trilliant
CUBE Flood - IsoLux



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