

UTILITY-45

Technical Specifications

Weight 1.2 kg LIGHTING PERFORMANCE Total Luminous Flux 4560 Lm Colour Temperature 5000K Power Consumption 45 Watts Current Draw (at 14.4V) 3.1 Amps Connector 2-Pin Deutsch DT (+28cm Cable) DIMENSIONS Width 110mm Depth 85mm Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -400C +900C Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Voltage Range	10-32V
LIGHTING PERFORMANCE Total Luminous Flux Colour Temperature Flower Consumption Current Draw (at 14.4V) Connector Con	LED Life	50,000 Hours
Total Luminous Flux Colour Temperature Flower Consumption A5 Watts Current Draw (at 14.4V) A3.1 Amps Connector Conne	Weight	1.2 kg
Colour Temperature 5000K Power Consumption 45 Watts Current Draw (at 14.4V) 3.1 Amps Connector 2-Pin Deutsch DT (+28cm Cable) DIMENSIONS Width 110mm Depth 85mm Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -400C +900C Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	LIGHTING PERFORMANCE	
Power Consumption 45 Watts Current Draw (at 14.4V) 3.1 Amps Connector 2-Pin Deutsch DT (+28cm Cable) DIMENSIONS Width 110mm Depth 85mm Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Total Luminous Flux	4560 Lm
Current Draw (at 14.4V) 3.1 Amps	Colour Temperature	5000K
Connector DIMENSIONS Width Depth Bestiman Height CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection Salt Spray Test Dump Load Protection OPERATING CONDITIONS Operating Temperature Vibration (BS EN 60068) PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 1 Lux 1	Power Consumption	45 Watts
DIMENSIONS Width 110mm Depth 85mm Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -400C +900C Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Current Draw (at 14.4V)	3.1 Amps
Width 110mm Depth 85mm Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Connector	2-Pin Deutsch DT (+28cm Cable)
Depth 85mm Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	DIMENSIONS	
Height 108mm CERTIFICATION & STANDARDS IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -400C +900C Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Width	110mm
IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Depth	85mm
IP Rating # IP68 / IP69K EMC Standard ECE R10 EMC Protection CISPR-25 (Class 3) Salt Spray Test ISO 9227 Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Height	108mm
EMC Standard EMC Protection CISPR-25 (Class 3) Salt Spray Test Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 1 Lux 71m 5 Lux 32m 20 Lux 16m	CERTIFICATION & STANDARDS	
EMC Protection CISPR-25 (Class 3) Salt Spray Test Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 1 Lux 71m 5 Lux 32m 20 Lux 16m	IP Rating #	IP68 / IP69K
Salt Spray Test Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 1 Lux 71m 5 Lux 32m 20 Lux 16m	EMC Standard	ECE R10
Dump Load Protection ISO 7637-2 OPERATING CONDITIONS Operating Temperature -40oC +90oC Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	EMC Protection	CISPR-25 (Class 3)
OPERATING CONDITIONS Operating Temperature -400C +900C Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 1 Lux 71m 5 Lux 32m 20 Lux 16m	Salt Spray Test	ISO 9227
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Vibration (BS EN 60068) 10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	OPERATING CONDITIONS	
PHOTOMETRIC DATA Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Operating Temperature	-40oC +90oC
Horizontal / Vertical Beam Angle 74° / 74° 1 Lux 71m 5 Lux 32m 20 Lux 16m	Vibration (BS EN 60068)	10Hz > 1000Hz, 0.14>20 (m/s²)²/Hz
1 Lux 71m 5 Lux 32m 20 Lux 16m	PHOTOMETRIC DATA	
5 Lux 32m 20 Lux 16m	Horizontal / Vertical Beam Angle	74° / 74°
20 Lux 16m	1 Lux	71m
	5 Lux	32m
50 Lux * 10m	20 Lux	16m
	50 Lux *	10m

- $\ensuremath{^*}$ 50 Lux represents HSE guidelines for effective illumination when working outd
- # All Lazer products are designed to meet the requirements of IP68 testing. Ever

