



SentinelTORCH: Lighting Solutions

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PRODUCT INFORMATION

- + TRL 9 Flight Heritage
- + Natural White LED Floodlight
- + Built-in heater and temp sensor
- + 35 lux at 4 meters
- + Qualified in random vibration, shock, and TVAC environments
- + Radiation and EMI/EMC qualifications planned for the future

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NOTE: Floodlight in picture does not have cover or encapsulant applied to it yet.



PRODUCT SPECIFICATIONS

CORRELATED COLOR TEMPERATURE	6000K
BRIGHTNESS (ON-AXIS)	35 lx @ 4m
BRIGHTNESS (15° OFF-AXIS)	31 lx @ 4m
INPUT VOLTAGE (LIGHT)	28.0 ± 2.5 VDC
INPUT VOLTAGE (HEATER)	28.0 ± 2.5 VDC
INPUT VOLTAGE (THERMAL SENSOR)	5.0 - 30.0 VDC (12VDC nominal)
AVERAGE POWER CONSUMPTION	15 W
ELECTRICAL INTERFACE	9-Pin DSub
MECHANICAL INTERFACE	3x Through-Hole #6 Fasteners
WEIGHT	140 g
ENVELOPE	84.0 × 74.3 × 14.9 mm
SHOCK & VIBE	2,000g pyro-shock to 10,000Hz Vibration to 19.6 gRMs. 3 axes
OPERATING TEMPERATURE	-45°C to +55°C



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