



High Luminosity
LED Spot Light

HLV-i27-1W-50lm



Operating Temperature after 30 minutes	Drawing

Mechanical Data (TYP)	
Casing Material	Aluminum + Diffuser
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 30g

Optical Data(TYP)	R	R24	W	G	B
Illumination (number of LED)	1	-	1		
Led Color	RED		WHITE	GREEN	BLUE
Wavelength	640nm		xy=(0.31,0.32)	525nm	470nm
Led Package	SMD		SMD		

Electrical Data (TYP)	R	R24	W/G/B
Operating Voltage	12V ± 2%	-	12V ± 2%
Reverse Battery Protection	YES	-	YES
Supply Ripple Voltage	≤ Vs ± 5%	-	≤ Vs ± 5%
Current Consumption	0.35A	-	0.35A
Power Consumption	1.50W	-	1.50W
Trigger Voltage	Continuous=12V Pulsing 12-24V 0-10% Duty Cycle	-	Continuous=12V Pulsing 12-24V 0-10% Duty Cycle
Operating after 30 minutes	Approx. 34°C		Approx. 34°C
Additional Cooling Method	Attached to large machine part		
Life span in continuous mode	20,000 hours (drop to 50% intensity) at 25°C		
Life span in strobe light mode	Est. >50,000 hours (drop to 50% intensity) at 25°C		
Connection	JST SMR-02V, 1:+,2:-	-	JST SMR-02V, 1:+,2:-
Power Supply Selection	PSA-12V PSD-12V PSD-STL-12V	-	PSA-12V PSD-12V PSD-STL-12V

Application (TYP)	
Recommended Working Distance	-