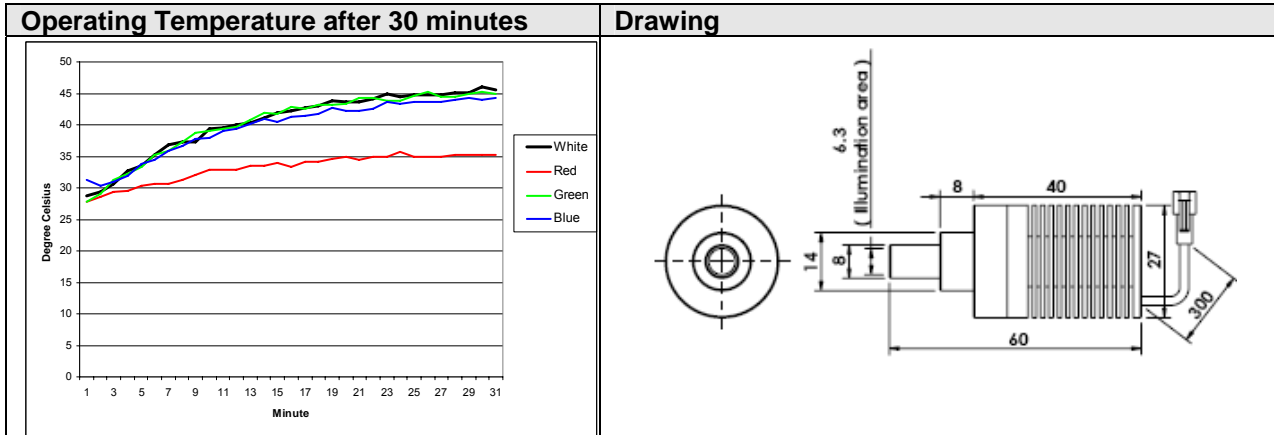




Rev. Date: 2009-09-15

High Luminosity
LED Spot Light

HLV-i27-R/W/G/B



Mechanical Data (TYP)

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

Optical Data(TYP)

	R	W	G	B
Illumination (number of LED)	1			
Led Color	RED	WHITE	GREEN	BLUE
Wavelength	630nm	xy=(0.31,0.32)	535nm	485nm
Led Package	High Power SMD			

Electrical Data (TYP)

	R	W/G/B
Operating Voltage	12V ± 2%	
Reverse Battery Protection	YES	
Supply Ripple Voltage	≤ Vs ± 5%	
Intensity	50 lumens	100 /100/ 50 lumens
Current Consumption	0.35A	0.35A
Power Consumption	0.80W	1.10W
Trigger Voltage	Continuous=12V; Pulsing 12-24V; 0-10% Duty Cycle	
Operating after 30 minutes	Approx. 35°C	Approx. 45°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-03V, 1:+,2:-	
Power Supply Selection**	PSA-12V PSD-12V PSD-STL-15V	

Application (TYP)

Recommended Working Distance	-
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** **Notes:** If a constant voltage source power supply is used, the RB (HLV-i27 Adaptor) is needed to limit the current flow to HLX-i27.