



Ring Light

LDR-Si90AOI



Operating Temperature after 30 minutes	Drawing
<p>Legend: White (black line), Red (red line), Green (green line), Blue (blue line)</p>	

Mechanical Data (TYP)	
Casing Material	Aluminum
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 130g

Optical Data (TYP)	R	R24	W	G	B
Illumination (number of LED)	-	-	93		
Led Color	-	-	WHITE	GREEN	BLUE
Wavelength	-	-	xy=(0.31,0.32)	525nm	470nm
Led Package	-	-	SMD		

Electrical Data (TYP)	R	R24	W/G/B
Operating Voltage	-	-	12V ± 2%
Reverse Battery Protection	-	-	YES
Supply Ripple Voltage	-	-	≤ Vs ± 5%
Current Consumption	-	-	0.62A
Power Consumption	-	-	7.44W
Trigger Voltage	-	-	Continuous=12V Pulsing 12-24V 0-10% Duty Cycle
Operating after 30 minutes	-		Approx. 39°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:-
Power Supply Selection	-	-	PSA-12V PSD-12V PSD-STL-12V

Application (TYP)	
Recommended Working Distance	50-100mm