



## Dome Light

**LDM-Si100**

Operating Temperature after 30 minutes	Drawing
<p>Legend: White, Red, Green, Blue</p>	

Mechanical Data (TYP)	
Casing Material	Aluminum
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 230g

Optical Data (TYP)	R	R24	W	G	B
Illumination (number of LED)	60	60	-	-	-
Led Color	RED		-	-	-
Wavelength	635nm		-	-	-
Led Package	PLCC4		-	-	-

Electrical Data (TYP)	R	R24	W
Operating Voltage	12V ± 2%	24V ± 2%	-
Reverse Battery Protection	YES	YES	-
Supply Ripple Voltage	≤ Vs ± 5%	≤ Vs ± 5%	-
Current Consumption	0.48A	0.24A	-
Power Consumption	5.76W	5.76W	-
Trigger Voltage	Continuous=12V Pulsing 12-24V 0-10% Duty Cycle	Continuous= 24V Pulsing 48V 0-10% Duty Cycle	-
Operating after 30 minutes	Approx. 38°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-03V, 1:+,3:-	-
Power Supply Selection	PSA-12V PSD-12V PSD-STL-12V	PSA-24V PSD-24V PSD-STL-48V	-