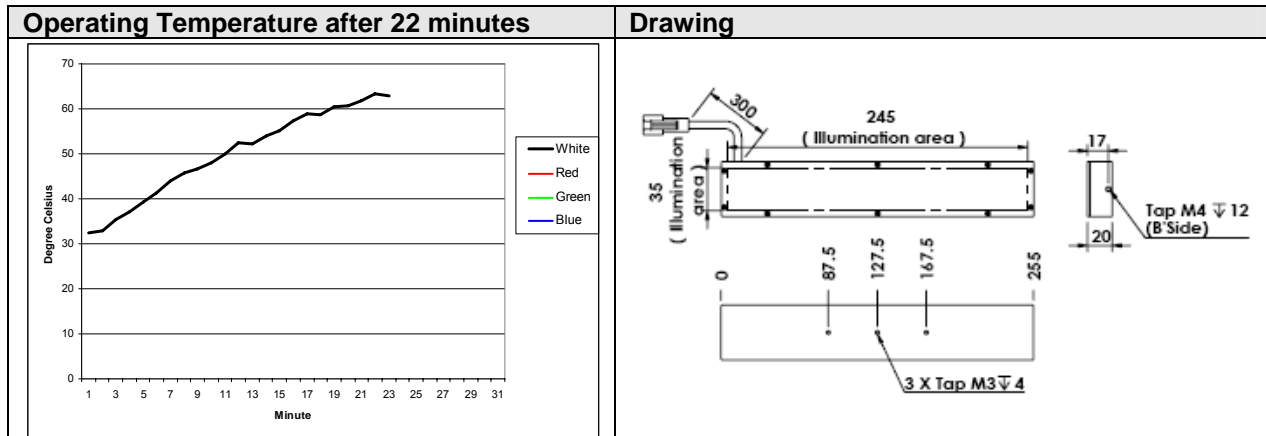


Bar Light

LDL-i240x35

Mechanical Data (TYP)

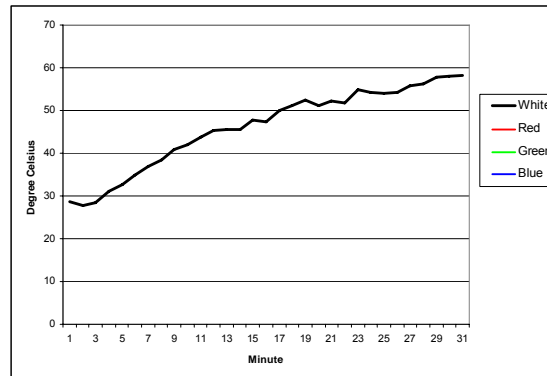
Casing Material	Aluminum
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 300g

Optical Data(TYP)	R	R24	W	G	B
Illumination (number of LED)	480	-	480		
Led Color	RED		WHITE	GREEN	BLUE
Wavelength	640nm		xy=(0.31,0.32)	525nm	470nm
Led Package	T1 3mm Diffuse		T1 3mm Clear		

Electrical Data (TYP)	R	R24	W/G/B
Operating Voltage	12V ± 2%	-	24V ± 2%
Reverse Battery Protection	YES	--	YES
Supply Ripple Voltage	≤ Vs ± 5%	-	≤ Vs ± 5%
Current Consumption	1.60A	-	1.60A
Power Consumption	19.20W	-	38.40W
Trigger Voltage	Continuous=12V Pulsing 12-24V 0-10% Duty Cycle	-	Continuous= 24V Pulsing 48V 0-10% Duty Cycle
Operating after 22 minutes	-		Approx. 62°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-24V	-	PSA-24V PSD-24V PSD-STL-48V

Optional: LDL-240x35 works with a constant current intensity control

Operating Temperature after 30 minutes



Electrical Data (TYP)	R	R24	W/G/B
Current Consumption	-	-	Max. 1.60A
Power Consumption	-	-	29.6W
Operating after 30 minutes	-	-	Approx. 58°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:+,3:-		JST SMR-03V, 1:+,3:-

Precaution:

- **LDL-i240x35 only works with a constant current intensity control.**
- **In continuous mode, maximum current should drive at or below 1.6A.**
- **In strobe mode, pulse current should not more than 2x of continuous mode, 3.2A.**