

LDR [Light Dependent Resistor]

LDR 03

Photoconductive Cell

MODEL No.: MPY-1085C39X (Standard)

1. Maximum Rating

1) Power dissipation at 25°	300 mW
2) Voltage applied [DC] at dark	200 V
3) Spectral Response	550 ± 30 nm
4) Operating Temperature	-20° +70°
5) Storage Temperature	-30° +80°

2. Measuring Conditions

1) Light-source color temperature	2856 ± 100 K
2) Ambient condition	Temperature: 20 ± 5°
	Humidity: 65 ± 15 %
3) Historical condition:	Irradiated at 100Lx more than 1 Hr after blocking light for 24 Hrs
4) Measuring method:	Measurement of the light resistance at specific luminance

3. Characteristics (at 25°)

1) Light Resistance at 10 lux	5 ~ 10 K°
2) Gamma [° at 10Lx/1Lx]	Typ. 0.9
3) Dark Resistance	Min. 2.0M°

[10sec. after blocking 400Lx light / Applied voltage: 15V]

1085C (9)

