

LDR CdS PHOTO CELL

Absolute Maximum Ratings

Allowable Power Dissipation (P_D) 100 mW (Derate above 25 °C : 1.0 mW/ °C)
 Maximum Applied Voltage (V_{MAX}) 150 V_{DC}
 Ambient Temperature Range (T_A) -30 ~ +75 °C

Photo-electric Characteristics (at 25 °C)

PARAMETER SYMBOL		MIN.	MAX.	UNITS
Light Resistance at 10 Lux	R_L 50		100	k Ω
Gamma Value at 10 ~ 100 Lux	γ 0.8	(Typ.)		—————
Dark Resistance (10 sec. After shut off 10 Lux)	R_D 5		—————	M Ω
Peak Spectral Response	λ_P	600	650	Nm

※ Pre-measurement condition : Exposed in 500 Lux for more than 3 hours.

Dimensions unit: mm



Order Code: N5AC-50108