

JEDEC TYPE NO. 7633

PHOTO CONDUCTIVE CELL TYPE ORP11

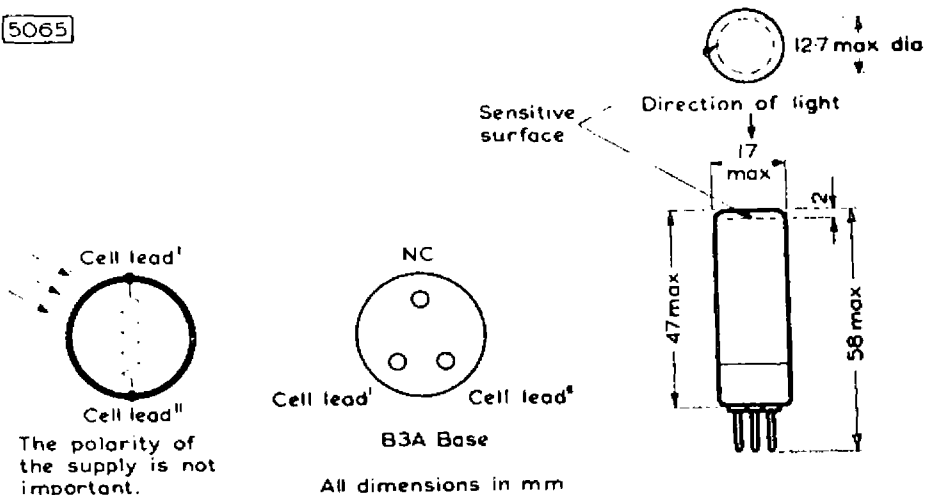
The ORP11 is a cadmium-sulphide photoconductive cell with high sensitivity, having maximum response in the red/infra-red region, for use with end-on illumination.

PHYSICAL SPECIFICATION

Maximum overall length	2 ⁵ / ₁₆ " (58mm)
Maximum seated height	1 ⁷ / ₈ " (47mm)
Maximum diameter	21/ ₃₂ " (17mm)
Sensitive area	0.2 sq. in. (1.25cm ²)
Base	Pee-wee 3 pin
Mounting position	Any

BASING DIAGRAM AND CONNECTIONS

5065



ABSOLUTE MAXIMUM RATINGS

Cell voltage	
Maximum d.c.	100 Volts
Maximum r.m.s.	70 Volts
Cell dissipation	
At 25°C	200 mWatts
At 60°C	200 mWatts
At 70°C	50 mWatts
Ambient temperature range	-40 to +70 °C

CHARACTERISTICS (measured at 25°C)

Cell current at 10V d.c., 5.0 lumens/ft², lamp colour temperature = 2700°K.

Minimum	3.0 mAmps
Average	6.0 mAmps
Maximum	14 mAmps

Maximum ultimate dark current at 100V d.c.	5.0 μAmps
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