

## PHOTOCELLS

TYPE	DESCRIPTION	BASE	MAX. ANODE SUPPLY VOLTAGE (V)	MAX. DARK CURRENT AT MAX. ANODE SUPPLY VOLTAGE ( $\mu\text{A}$ )	MAX. CATHODE CURRENT ( $\mu\text{A}$ )	SENSITIVITY* ( $\mu\text{A/Lumen}$ )	MAX. GAS AMPLIFICATION FACTOR	PROJECTED CATHODE AREA (sq. cm.)
20AV	Vacuum Photocell with caesium/antimony cathode	B8G (106)	150	0.05	10	45	—	11
20CG	Gas-filled Photocell with caesium/oxidised silver cathode	B8G (107)	90	0.1	5.0	150	10	6.7
20CV	Vacuum Photocell with caesium/oxidised silver cathode	B8G (107)	150	0.05	20	25 ( $V_a=100\text{ V}$ )	—	6.7
48 52CG	Gas-filled Photocell with caesium/oxidised silver cathode	British 4-pin (125)	90	0.1	3.0	125	10	4.0
55CG	Gas-filled Photocell with caesium/oxidised silver cathode	B3A (American Pee-Wee) (126)	90	0.1	2.0	125	10	2.2
57CV	Photometric Cell with caesium/oxidised silver cathode	British 4-pin (182)	100	$10^{-4}$ ( $V_a=50\text{ V}$ )	0.5	13 ( $V_a=50\text{ V}$ )	—	4.5
58CG	Gas-filled Photocell with caesium/oxidised silver cathode for end-on incidence of illumination	Wired-in (183)	90	0.1	1.5	100	9	1.1
58CV	Vacuum Photocell with caesium/oxidised silver cathode for end-on incidence of illumination	Wired-in (183)	100	0.05	3.0	20 ( $V_a=50\text{ V}$ )	—	1.1

\* Sensitivity measured at max. anode supply voltage with the whole cathode area illuminated by a lamp of colour temperature  $2700^\circ\text{K}$  and with a series resistor of  $1\text{ M}\Omega$