

Photomultiplier tube R3478



19mm dia., Head-on type, Bialkali photocathode (Effective area : 15 mm dia./Spectral response : 300 to 650 nm)

Specifications

Type	Head-on type
Tube Size	Dia.19 mm
Photocathode Area Shape	Round
Photocathode Area Size	Dia.15 mm
Wavelength (Short)	300 nm
Wavelength (Long)	650 nm
Wavelength (Peak)	420 nm
Spectral Response Curve Code	400K
Photocathode Material	Bialkali
Window Material	Borosilicate glass
Dynode Structure	Linear-focused
Dynode Stages	8
[Max. Rating] Anode to Cathode Voltage	1800 V
[Max. Rating] Average Anode Current	0.1 mA
Anode to Cathode Supply Voltage	1700 V
[Cathode] Luminous Sensitivity Min.	70 $\mu\text{A}/\text{lm}$
[Cathode] Luminous Sensitivity Typ.	115 $\mu\text{A}/\text{lm}$
[Cathode] Blue Sensitivity Index (CS 5-58) Typ.	11.0
[Cathode] Radiant Sensitivity Typ.	88 mA/W
[Anode] Luminous Sensitivity Min.	100 A/lm
[Anode] Luminous Sensitivity Typ.	200 A/lm
[Cathode] Radiant Sensitivity Typ.	1.5×10^5 A/W
[Anode] Gain Typ.	1.7×10^6
[Anode] Dark Current (after 30min.) Typ.	10 nA
[Anode] Dark Current (after 30min.) Max.	300 nA
[Time Response] Rise Time Typ.	1.3 ns
[Time Response] Transit Time Typ.	14 ns