

**Photomultiplier tube
R11265U-M4 series**

[Datasheet](#) [171 KB/PDF]

30 x 30 mm metal package type, SBA(Super bialkali) / UBA(Ultra bialkali) photocathode, Effective area : 23 x 23 mm

R11265U-100-M4 : Spectral response : 300 to 650 nm, SBA

R11265U-200-M4 : Spectral response : 300 to 650 nm, UBA

R11265U-103-M4 : Spectral response : 185 to 650 nm, SBA

R11265U-203-M4 : Spectral response : 185 to 650 nm, UBA

[Request info](#)
[Save to list](#)
[Specifications \(R11265U-100-M4\)](#)
Specifications (R11265U-100-M4)

Type	Metal package type
Features	High sensitivity
Tube Size	30 x 30 mm
Photocathode Area Shape	Square
Photocathode Area Size	23 x 23 mm
Wavelength (Short)	300 nm
Wavelength (Long)	650 nm
Wavelength (Peak)	400 nm
Spectral Response Curve Code	440K
Photocathode Material	Super bialkali (SBA)
Window Material	Borosilicate glass
Dynode Structure	Metal channel
Dynode Stages	12
[Max. Rating] Anode to Cathode Voltage	1100 V
[Max. Rating] Average Anode Current	0.1 mA
Anode to Cathode Supply Voltage	1000 V
[Cathode] Luminous Sensitivity Min.	90 μ A/lm

[Cathode] Luminous Sensitivity Typ.	105 μ A/lm
[Cathode] Blue Sensitivity Index (CS 5-58) Typ.	13.5
[Cathode] Radiant Sensitivity Typ.	110 mA/W
[Anode] Luminous Sensitivity Min.	25 A/lm
[Anode] Luminous Sensitivity Typ.	105 A/lm
[Anode] Gain Typ.	1.0×10^6
[Anode] Dark Current (after 30min.) Typ.	1 /ch nA
[Anode] Dark Current (after 30min.) Max.	4 /ch nA
[Time Response] Rise Time Typ.	1.1 ns
[Time Response] Transit Time Typ.	5.3 ns
[Time Response] Transit Time Spread Typ.	0.39 ns
[Anode] Pulse Linearity (2% deviation)	4 mA
[Anode] Pulse Linearity (5% deviation)	7 mA

[Go to top](#)

[Request info](#)

[Save to list](#)

Recommended products



C4900 High voltage power supply module



C4900-01 High voltage power supply module

Change search approach

[Search by product categories](#)

[Search by application](#)

[Search new products](#)

[Search by wavelength](#)

[Alphabetical search](#)

Products

[Products by category](#)

Company

[About Hamamatsu](#)

Customer support

[Support](#)

Website

[Privacy policy](#)

[Products by application](#)
[New products](#)
[Products by wavelength](#)
[Products: A to Z](#)
[Areas of interest](#)

[Hamamatsu technology](#)
[Investor information](#)
[Press releases](#)
[Event information](#)
[Employment](#)

[FAQs about products](#)
[Contact us](#)
[Japan offices](#)
[Regional offices](#)

[Terms of use](#)
[Help](#)
[Site map](#)

Copyright © Hamamatsu Photonics K.K. All Rights Reserved.