25mm (1") photomultiplier L25D19 series data sheet



1 description

The L25D19 is a 25 mm (1") diameter, end window photomultiplier with a blue-green sensitive bialkali photocathode and 8 linear focused type dynodes.

2 applications

· scintillation counting

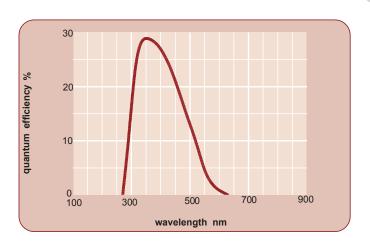
3 features

- fast time response
- good pulse height resolution

4 window characteristics

	L25D19 hard glass
spectral range*(nm) refractive index (n)	290-630 1.49
K (ppm) Th (ppb) U (ppb)	(tbd)

5 typical spectral response curves

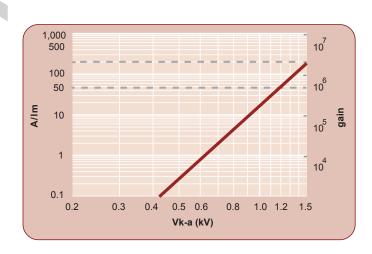


6 characteristics

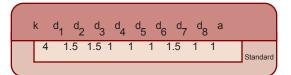
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⁽¹⁾ subject to not exceeding max.rated sensitivity (2) subject to not exceeding max. rated V(k-a)

7 typical voltage gain characteristics

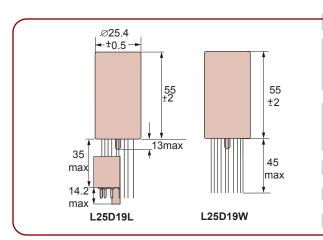


8 voltage divider distribution

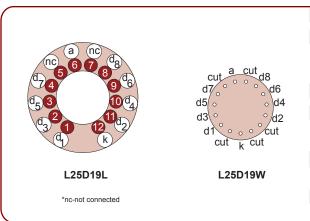


Characteristics contained in this data sheet refer to standard divider.

9 external dimensions mm



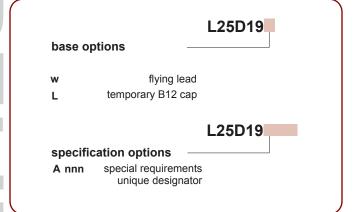
10base configuration (viewed from below)

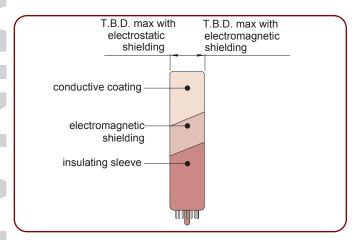


The L25D19 can be supplied with a custom designed voltage divider installed.

11 ordering information

Product with special test requirements, integral voltage divider network or with one or more of the shielding options below will be assigned a suffix with the letter A followed by a unique 3 digit number to designate the requirement.





12 voltage dividers

ADIT Electron Tubes 300 Crane Street Sweetwater, Texas 79556 U.S.A. Uxbridge UB8 2YF

tel:(325)235-1418 toll free:(800)399-4557 fax:(325)235-2872 email:sales@electrontubes.com email:sales@et-enterprises.com website:www.electrontubes.com

ET Enterprises Limited 45 Riverside Way

United Kingdom tel:+44(0)1895 2000880 fax:+44(0)1895 270273

website:www.et-enterprises.com

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