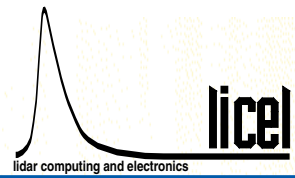


Photomultiplier module



High dynamic range detectors for analog + photon counting measurements



The best choice for pulsed dynamic signals

The high dynamic range photomultipliers from Licel have been optimized to enhance the results of your measurements in pulsed applications. The compact design combines a stabilized dynode chain for strong light pulses with fast rise times and narrow pulse widths for high single photon count rates. This combination allows high dynamic range measurements by using both analog and photon counting measurements

together, thus extending the linear dynamic range to 5 orders of magnitude. Additional advantages are reduced space charge effects and higher light levels that can be measured without suffering from nonlinearities. These features make the Licel high dynamic range photomultipliers your ideal detector for applications such as Lidar, fluorescence detection and other pulsed signal methods.

Features:

- stabilized dynode chain
- overcurrent protection
- single photon pulse width <0.7 ns
- high pulse load stability
- HV remote control option
- interface to lens tube system

Spectral Sensitivity:

