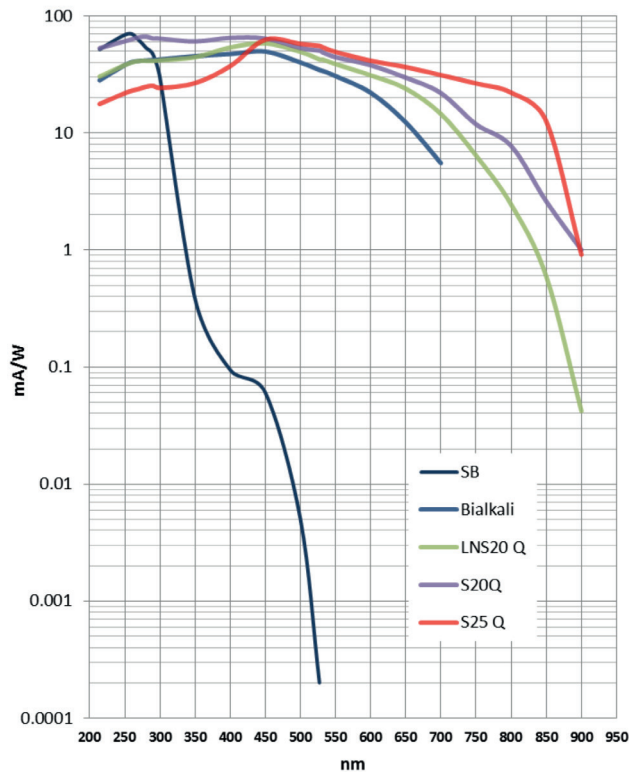


## Photocathode Spectral sensitivities:

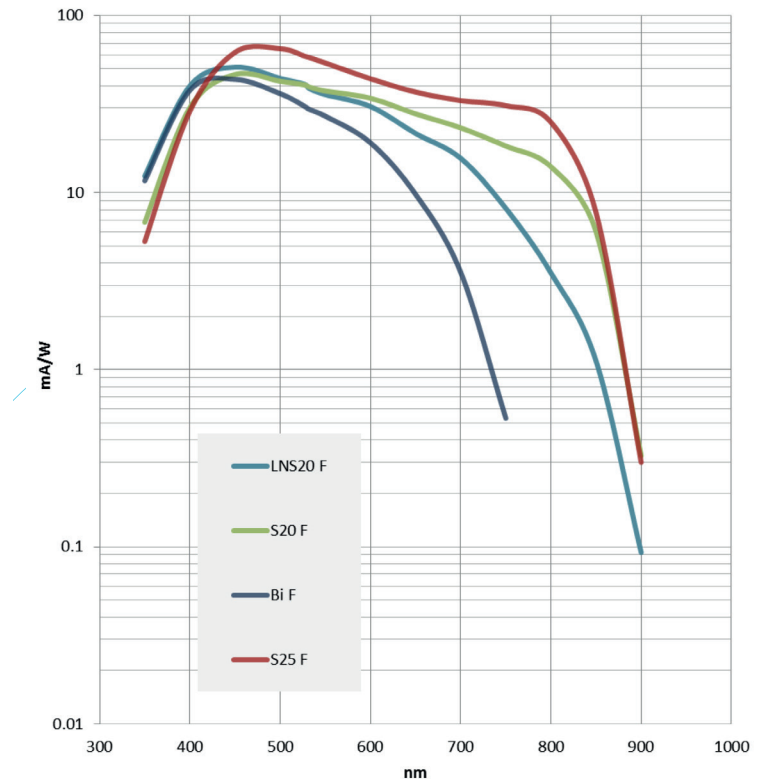
Image intensifiers using borosilicate glass or fibre optic windows will not operate below the cut-off frequency of these materials, i.e. 300 - 350 nm. The photocathode still has adequate sensitivity in this region so to extend the response, Fused Silica, Magnesium Fluoride or Sapphire input windows can be used to extend the spectral response to the limit imposed by the transmission of these materials (180 nm for fused silica, 150 nm f or Sapphire and 110 nm for MgF2).



Typical Cathode Sensitivities on Quartz



Typical Cathode Sensitivities on Fibre Optic



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