



Conversion Filter

Color Temperature Modification of Light Sources

A conversion filter transforms a black body radiator with temperature T_1 into one which has a temperature T_2 . TL 60 shift the color temperature of a light source from 3200 °K to 6000 °K, while TK 32 filter change it from 6000 °K to 3200 °K.



Benefits

- Absorption-free dielectric filter
- High filter transmission
- No color degradation
- Conversion independent of glass thickness
- Heat resistant
- High mechanical and chemical stability
- Individual color conversion on request

Technical Data

Spectral characteristics, AOI = 0°

TL60: 3200 °K to 6000 ± 500 °K

TK32: 6000 °K to 3200 ± 300 °K

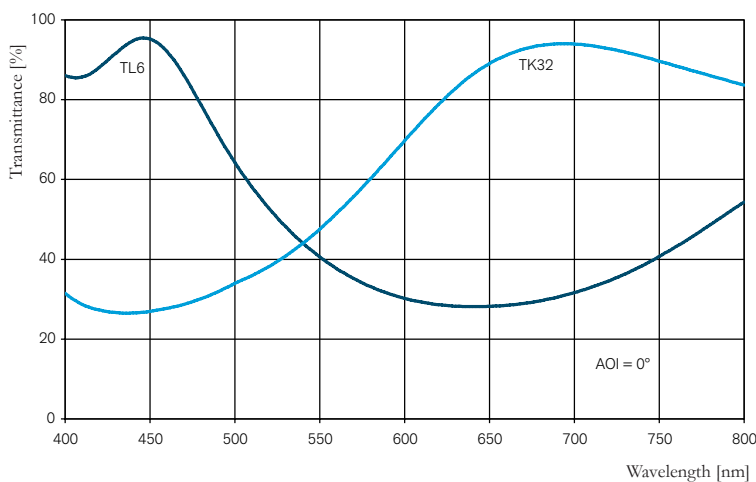
Heat resistant up to 350 °C

Standard size 160 · 110 · 1.1 mm

Applications

- Photography
- Film industry
- Television studios
- Food illumination
- Clothing stores
- Medical lighting

TL60 and TK32 filter transmission



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