

Power Drive Controls

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Osram PL530 Laser Module Model: PL530EK

1. Temperature controlled with TEC, over 50 mW laser output power.
 2. Narrow spectral line width, perfect for Holography and Interferometry.
 3. With optical shutter included.
- Operating Temperature: 10C to 40C
 - Storage Temperature:-40C to 85C
 - Wavelength: 528nm to 535nm
 - Wavelength Stability:+/-0.1nm
 - Spectral Line Width:< 0.2nm (typi8x8 cal)
 - Output Power: > 50mW
 - Residue Infrared Laser Output: < 2mW
 - Beam Quality: $M^2 < 1.3$, TEM00
 - Polarization Extinction Ratio: 100:1 (typical)
 - Beam Divergence Angle: 4x4 to 8x8 mrad.
 - Power Supply: 5 VDC
 - Power consumption:< 7.5 Wd
 - Dimension: 112 mm x 65 mm x 24 mm.

