

The figure displays a series of photoluminescence (PL) spectra for GaInP LEDs, recorded at temperatures ranging from 4 K to 45 K. The x-axis represents the wavelength in nanometers (nm), spanning from 725 nm to 750 nm. The y-axis represents the PL intensity. The spectra show a characteristic peak around 737 nm. As the temperature increases, the peak intensity decreases, and the peak position shifts slightly towards longer wavelengths. The legend identifies the temperatures: 4K (blue), 5K (orange), 10K (green), 10K (red), 15K (purple), 20K (brown), 25K (pink), 35K (grey), 35K (olive), 45K (cyan), and 45K (dark blue).

