Empower your LED business with isiphor® today:

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We now supply specially developed phosphors that enable high performance violet chip LED packages:

- Highest color quality: maximum CRI >95, all Ri > 90
- Sun-like spectrum
- Higher efficiency at high power condition (less drooping effect)
- Optimum white rendering & skin rendering
- Designed for circadian rhythm & human centric lighting (HCL)

**isiphor® full spectrum (FS) phosphors**

Conventional green phosphors are excited by blue light

**Non-reabsorbing full spectrum (FS) phosphors**

New solution for violet excitation

**Non-reabsorbing full spectrum (FS) phosphors**

Our new phosphors uniquely enable...

- Separation of blue and green due to violet excitation
- No re-absorption
- Lower color point variations during production

...leading to the following advantages for LED makers:

- Higher LED efficiency
- Freedom of spectra design
- Improved binning yield

**isiphor® BFS & GFS (Blue Full Spectrum and Green Full Spectrum)**

**Best excitability in typical range of 370-420nm**

**Unique non-reabsorbing green – best excitability in typical range of 370-420nm**

**Excellent reliability of isiphor® full spectrum (FS) phosphors!**