

## CXP SQUARE lenses for CREE XP-E LEDs



- Designed & optimized for Cree XP-E series of LEDs
- Lens material optical grade PC with high UV and temperature CXPistance (130°C/220°F). Allows use of high current and temperature conditions
- Best available optical efficiency, up to 90%, with an extremely good cutoff of light
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- Compact dimensions 21.6 x 21.6 mm. Square form enables easy build of matrix without any gaps between lenses.

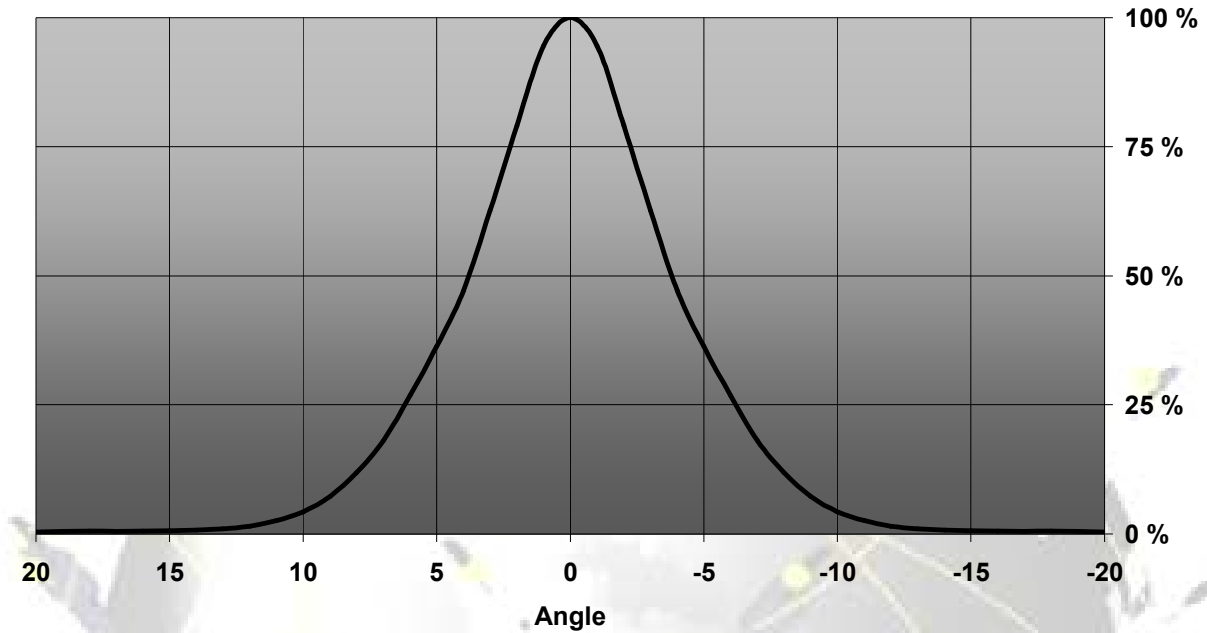
### LENS TYPES

NAME	ORDERING CODE	FWHM Angle
CXP SQUARE REAL SPOT	CXP-RS	±4°
CXP SQUARE SMOOTH SPOT	CXP-SS	±6°
CXP SQUARE DIFFUSER	CXP-D	±8°
CXP SQUARE MEDIUM	CXP-M	±15°
CXP SQUARE WIDE	CXP-W	N/A
CXP SQUARE OVAL	CXP-O	±7° x ±21°

## MEASUREMENTS

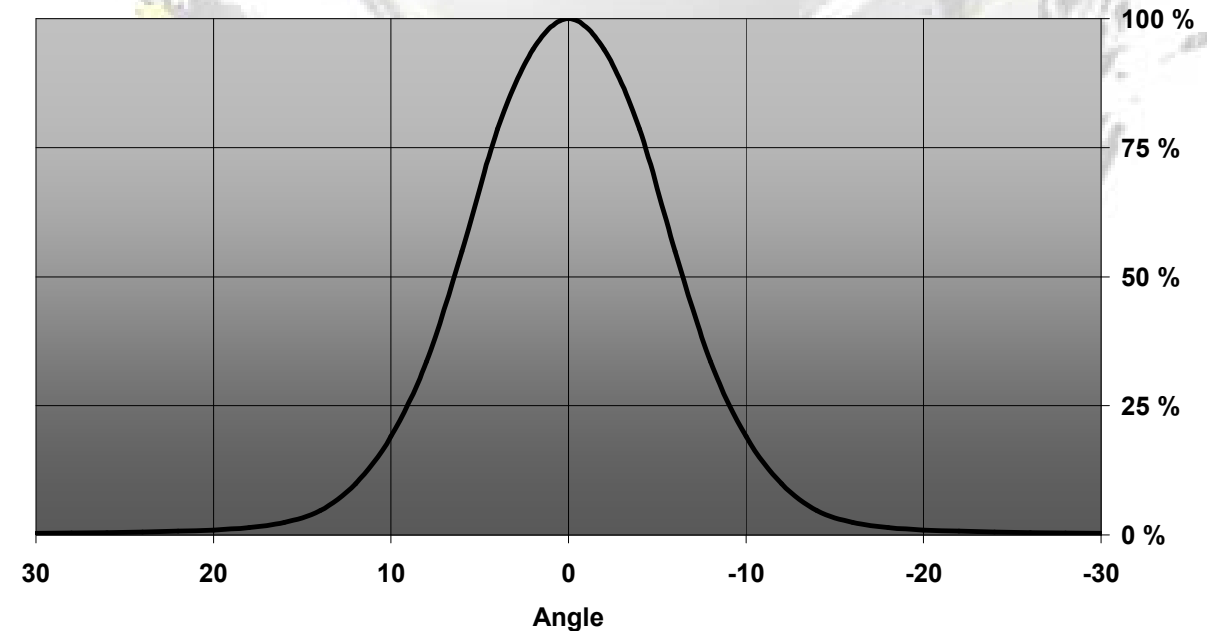
### CXP-RS

Relative Intensity of CXP-RS



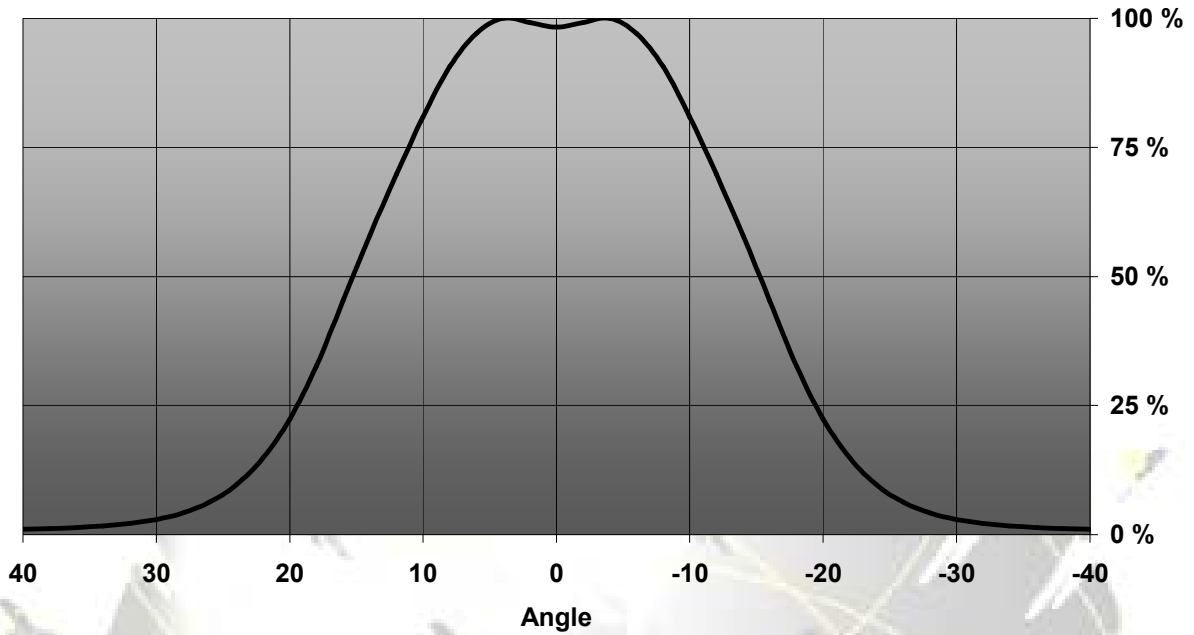
### CXP-SS

Relative Intensity of CXP-SS



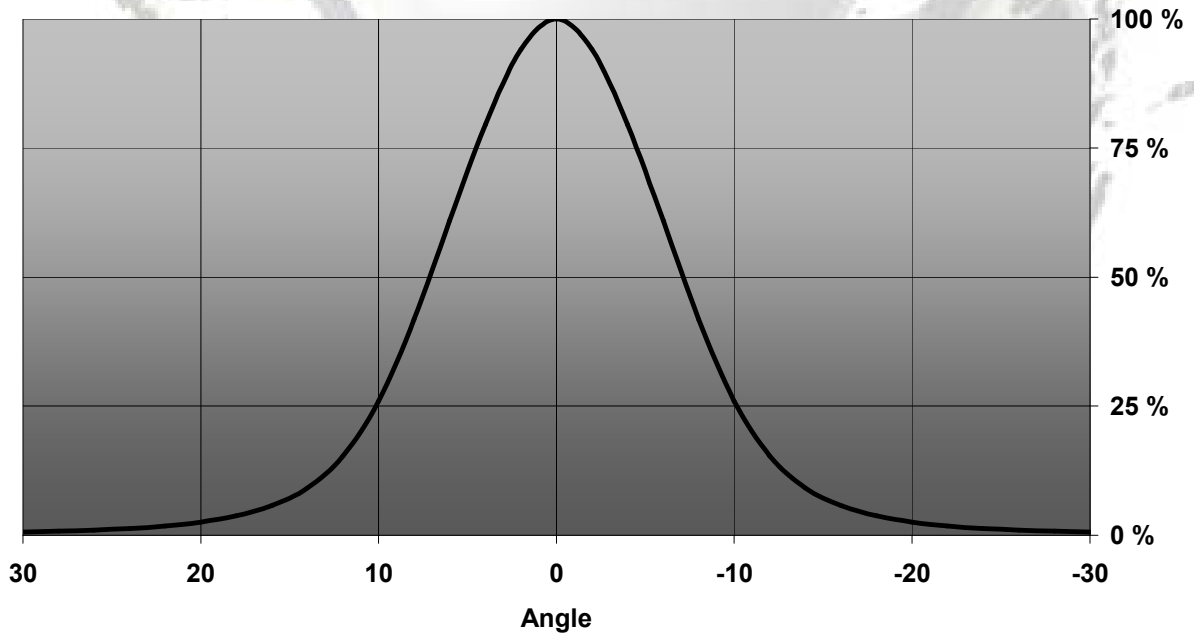
## CXP-M

Relative Intensity of CXP-M



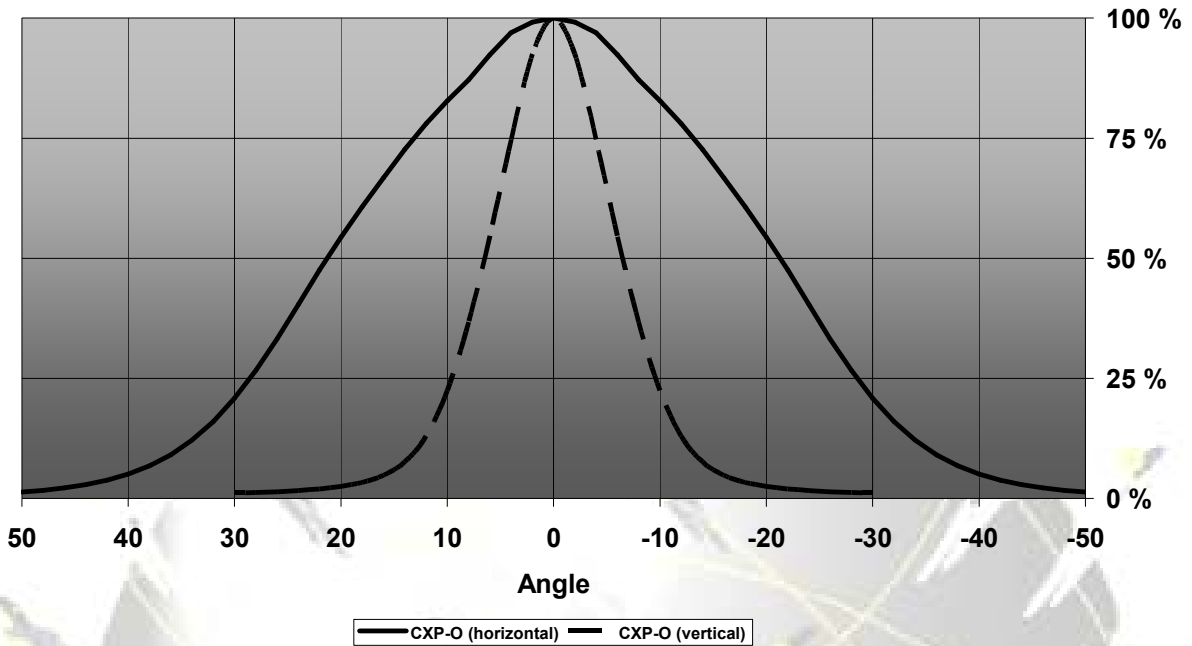
## CXP-D

Relative Intensity of CXP-D



## CXP-O

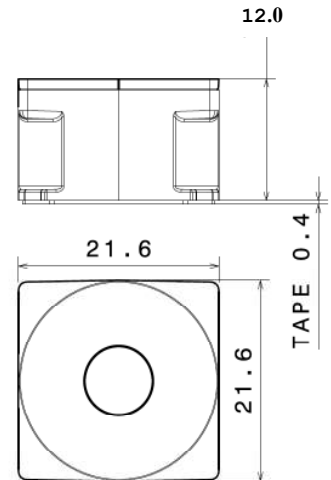
Relative Intensity of CXP-O



## CXP-W

COMING SOON!

## DIMENSIONS & PACKAGING



CXP lens holders are delivered on adhesive tape liner sheets, each sheet containing 60 lenses. Lenses are delivered separately. This is to ease the assembly: XP ceramic board has so low profile that a proper guidance without seeing is not possible.

## SPECIAL VERSIONS

Special versions available on request, e.g. different lens holder colors or packaging sizes.