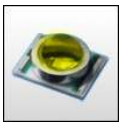
LEDIL F'FORM OPTICS

FULLY SEALABLE ROCKET lenses for XR, XR-C & XR-E



- Designed for Cree XLamp XR-C and XR-E. Can also be used with Cree XR series of white and monochromate LEDs
- Lens material optical grade PMMA with high UV and temperature resistance (105°C/220°F)
- High optical efficiency, up to 90%
- No lens holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- Lens foot can be potted with resin without losses in optical efficiency (**fully sealed construction** of luminaire possible)
- Diameter 26 mm (approximately 1")
- Easy build of a complete luminaire using ROCKET, XLamp® and heat sink

LENS TYPES

NAME	ORDERING CODE	FWHM Angle
ROCKET smooth spot	10324_ROCKET-SS	±4°
ROCKET medium	10250_ROCKET-M	±13°
ROCKET oval	10325_ROCKET-O	±3° x ±20°
ROCKET wide	10406_ROCKET-W	±19°

SMOOTH SPOT lens is a pure collimator lens with light mixing properties. It smoothens the beam pattern and makes a uniform color distribution over the whole beam angle. Light intensity is lower than for a REAL SPOT lens. SMOOTH SPOT lens is recommended for white light applications, where pleasant, high-quality illumination is wished.

MEDIUM lens is optimal for cases where a pleasant, medium-type spotlight distribution with uniform color is wished.

OVAL lens is optimal for cases where a narrow stripe of light is wished. If a wider vertical distribution is needed, please consider LEDIL CRS-O with wider vertical distribution and a color mixing structure.

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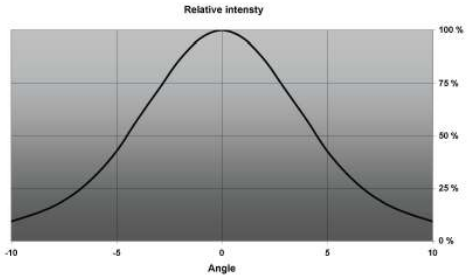
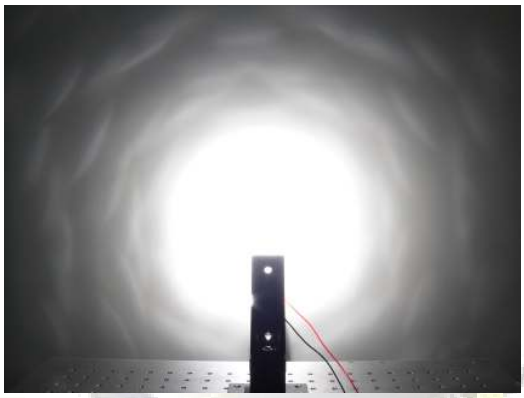
2009-02-26

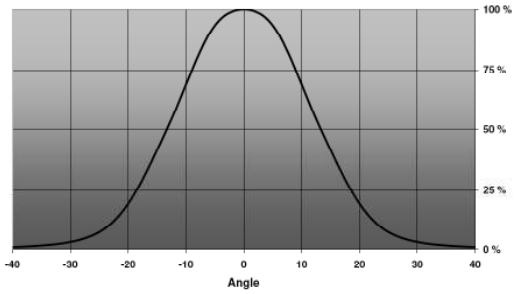
MEASUREMENTS

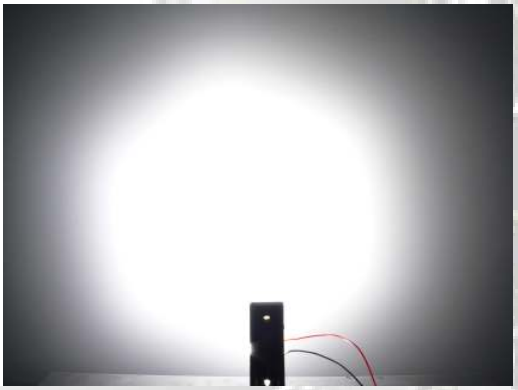
ROCKET-SS



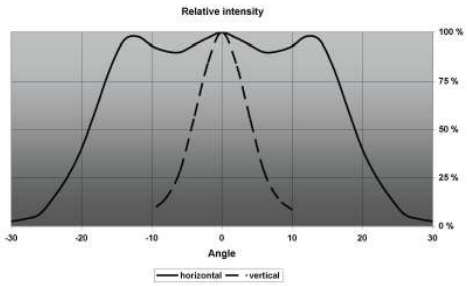


ROCKET-M





ROCKET-O



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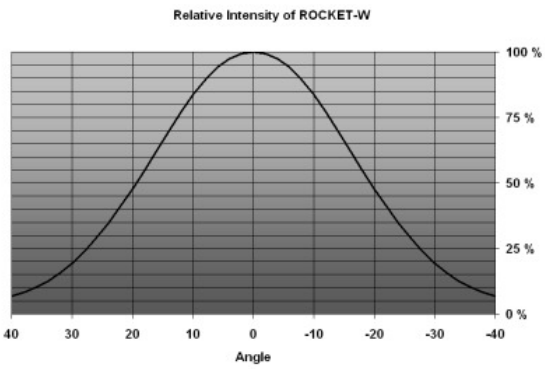
ROCKET-W



PHOTOS

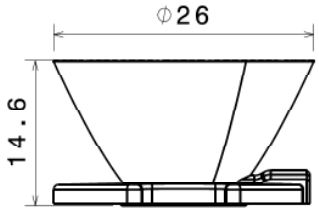
ROCKET-SS

ROCKET-M

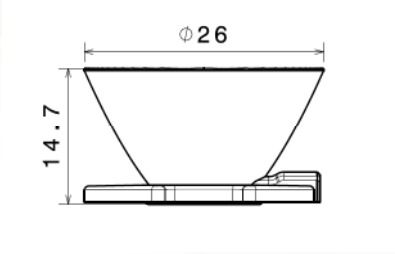
ROCKET-O

ROCKET-W

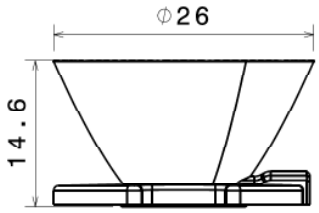
DIMENSIONS



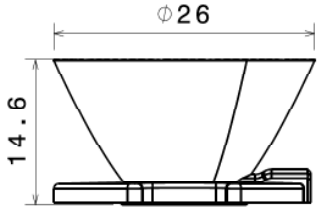
ROCKET-SS



ROCKET-O



ROCKET-M



ROCKET-W

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PACKAGING

Lenses are packed on plastic trays having 77 lenses each. One box contains 13 trays, i.e. 1001 lenses.

SPECIAL VERSIONS

Special versions available on request, e.g. fully metallized outer surface allowing full potting of lens up to the top surface or different packing methods.

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