

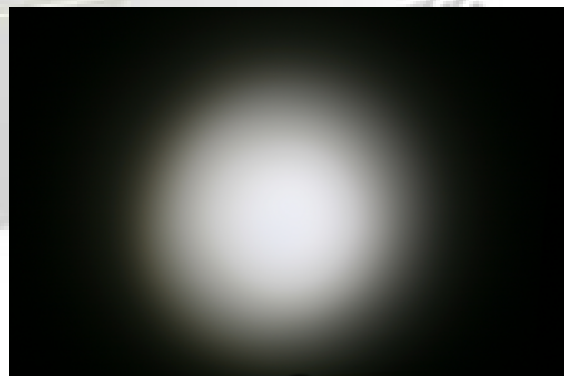
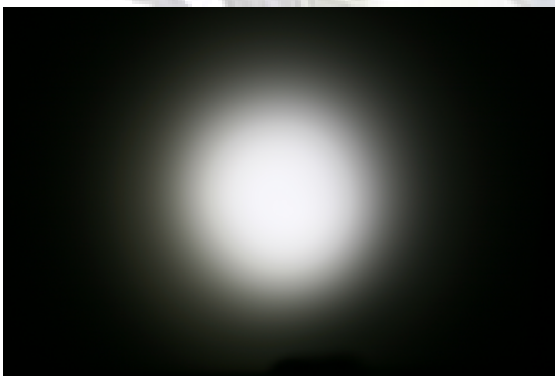
TWIDDLE lenses for Cree XR-E LEDs



- Specially designed for Cree XR-E series of LEDs
- Special care taken to make a uniform white or warm white illumination.
- Lens material optical grade PMMA
- Integrated holder. Fastening to heat sink with a PU foam adhesive tape of automotive grade
- Compact dimensions 21.6 x 14.4 mm. Square form enables easy build of matrix without any gaps between lenses.
- New PATENT PENDING "Omni-directional" technique, allows freely swivel the lens and its light distribution in any angle within +/- 15 degrees from the nominal position

LENS TYPES

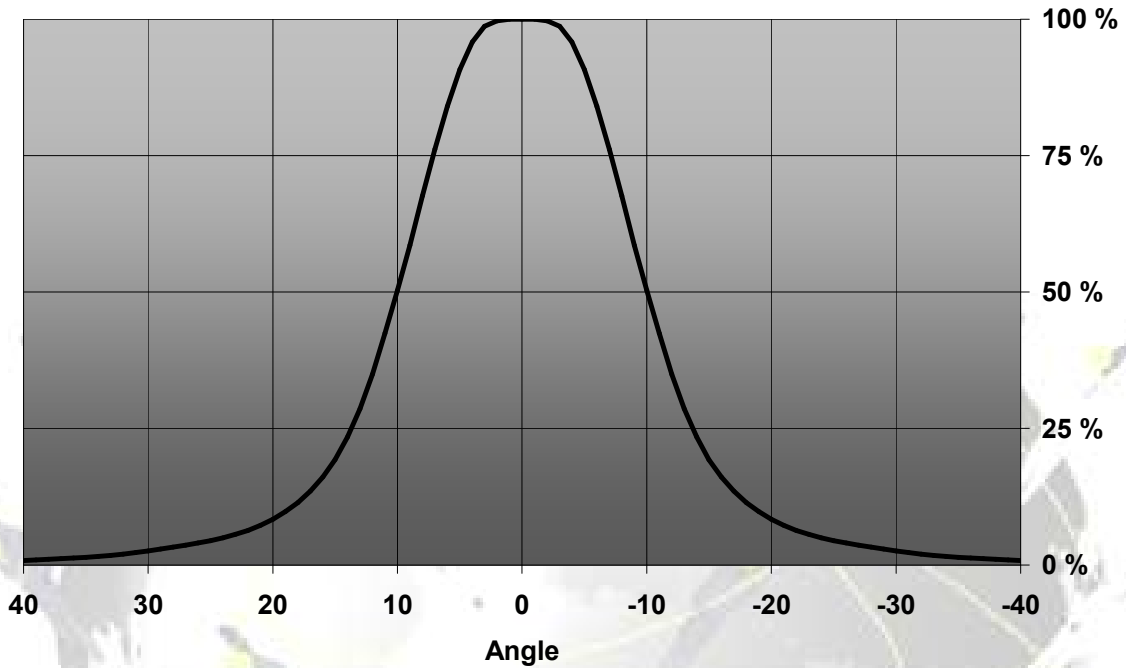
NAME	ORDERING CODE	FWHM Angle
TWIDDLE REAL SPOT	FA10745_Twiddle-XR-RS	±N/A°
TWIDDLE DIFFUSER	FA10737_Twiddle-XR-D	±10°
TWIDDLE MEDIUM	FA10739_Twiddle-XR-M	±14°



MEASUREMENTSe

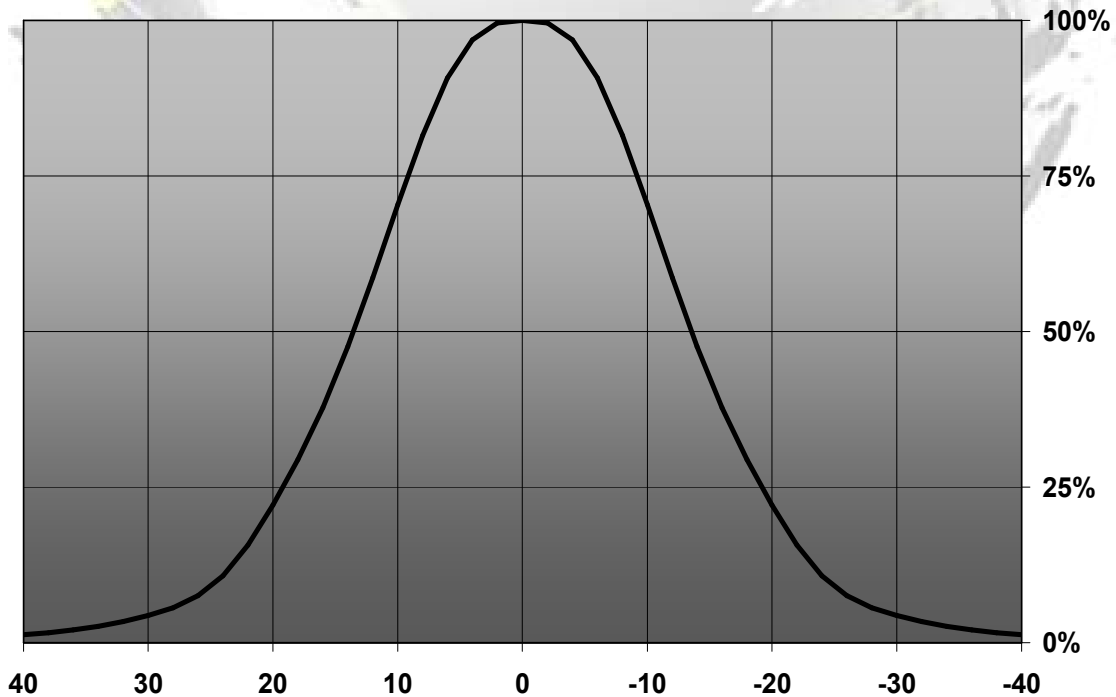
TWIDDLE-XR-D

Relative Intensity of TWIDDLE XR-E



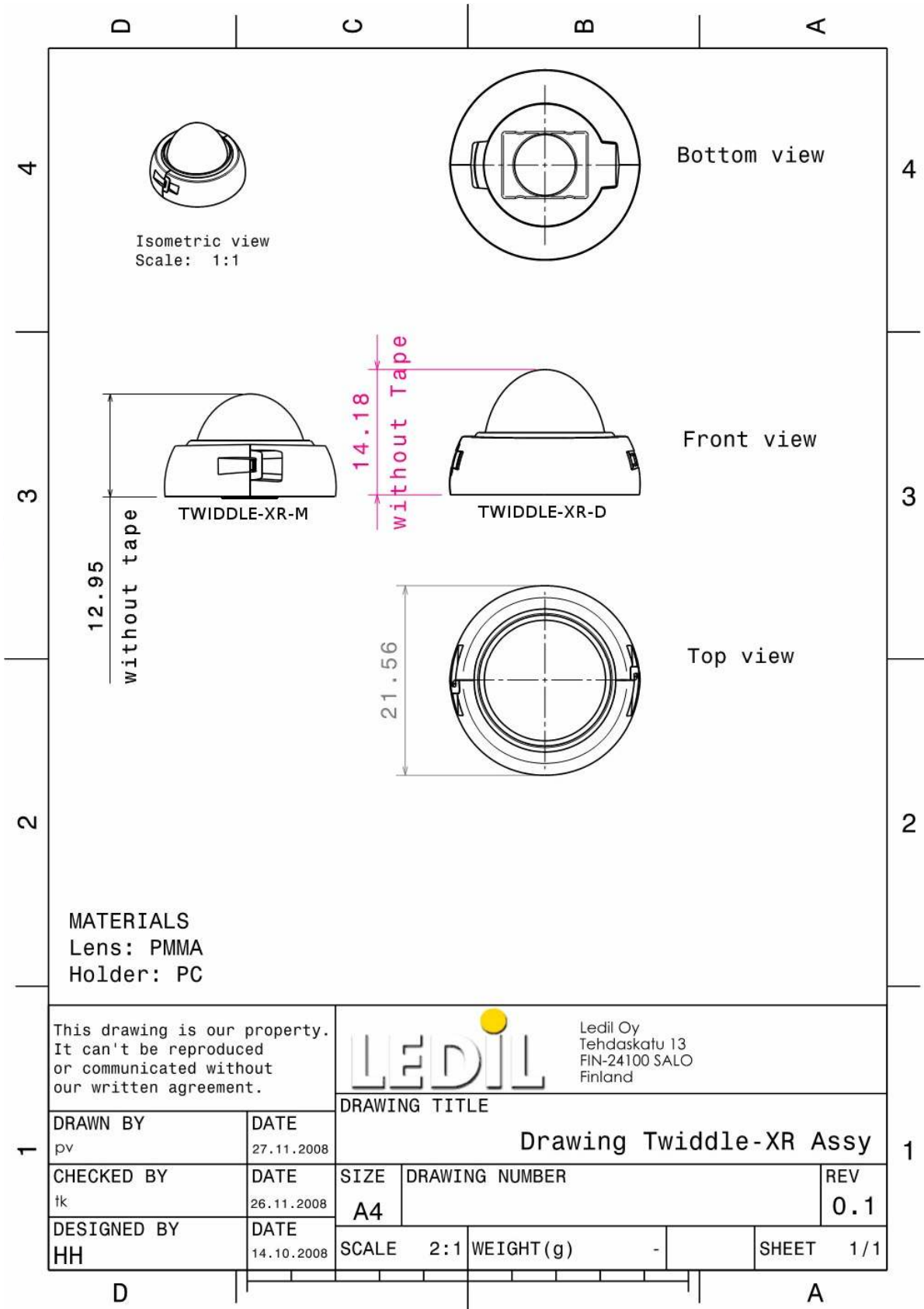
TWIDDLE-XR-M

Relative Intensity of FA10739_Twiddle-XR-M



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DIMENSIONS



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[C17171_DAISSY-8X1-SHD-MATT](#) [C17172_DAISSY-8X1-SHD-MATT-WHT](#) [C17173_DAISSY-4X1-WW-US](#) [C17341_DAISSY-4X1-WW-US-D](#) [CS15759_HB-2X2MX-8-W](#) [CS15769_STRADA-2X2MX-8-T2-S](#) [CA16435_LXP2-SS-WAS](#) [CS13756_STRADA-IP-2X6-DWC-PC](#)
[CN16210_GABRIELLA-MIDI-W](#) [CP17138_CARMEN-M2-C-WHT](#) [CP17137_CARMEN-M2-C](#) [CA16015_STRADA-SQ-SCL](#)
[C16989_DAISSY-7X1-W2](#) [C17225_DAISSY-7X1-SHD-WHT-MATT](#) [C17296_ILONA-ZOOM-SUB](#) [FP15752_STRADA-2X2MXS-T3](#)
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