

LXP2-RS2

~8.5° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

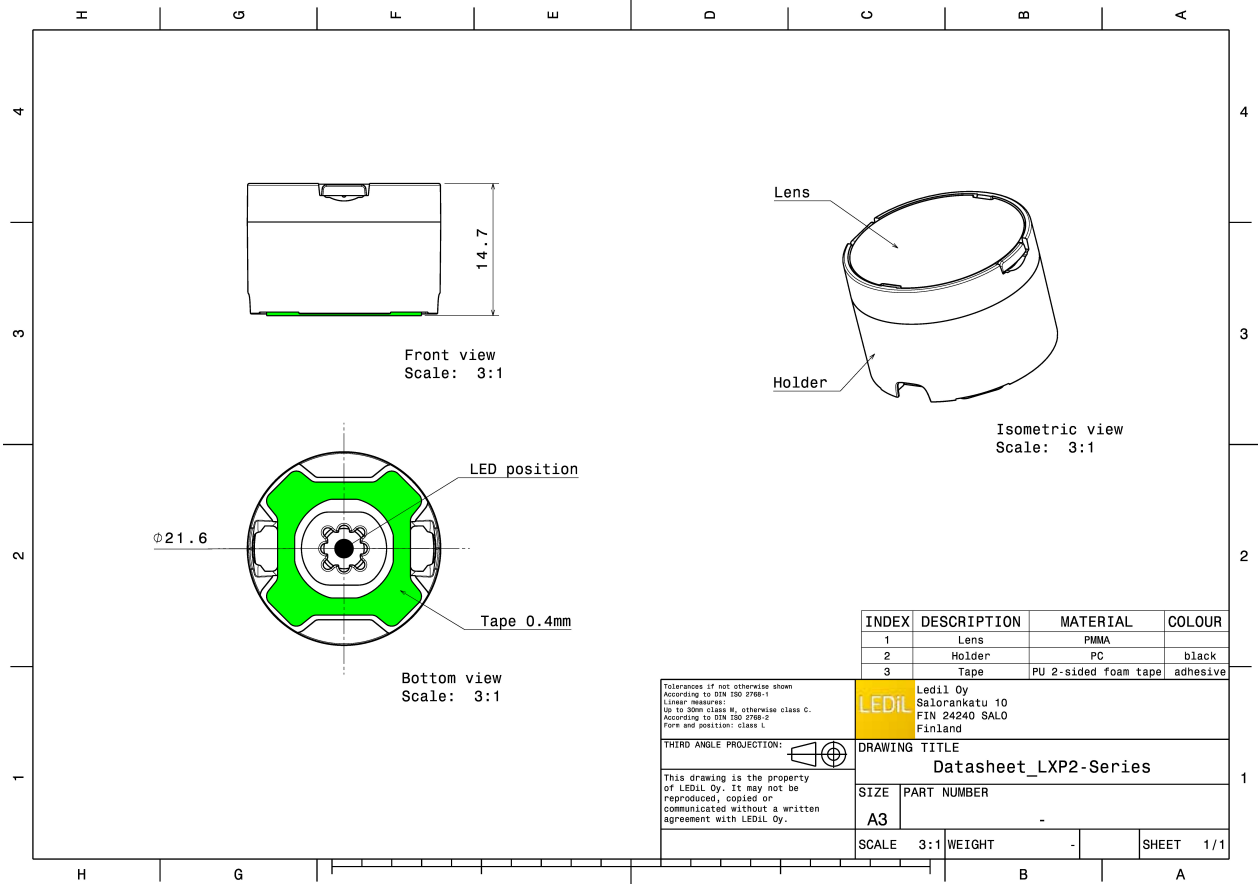


MATERIALS:

Component	Type	Material	Colour	Finish	Length
LXP2-RS2	Single lens	PMMA			20.0
LXP2-LH1-TAPE-BLK	Holder	PC	black		21.6
HEIDI-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA12816_LXP2-RS2 » Box size: 480 x 280 x 300 mm	1680	336	112	8.9

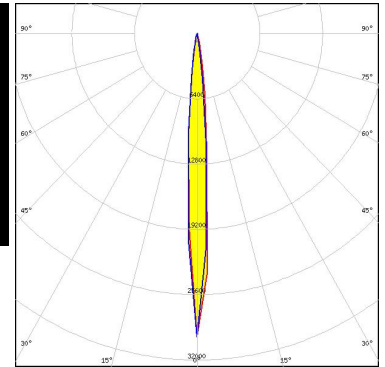


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



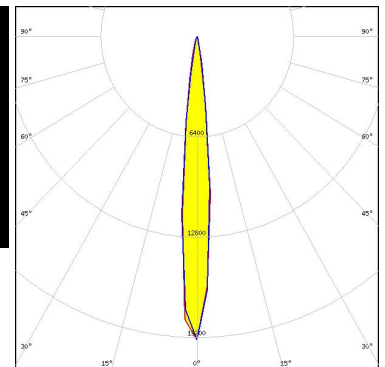
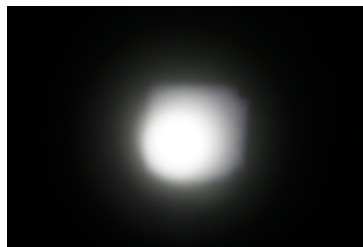
LED XP-E2
FWHM / FWTM 8.0° / 19.0°
Efficiency 90 %
Peak intensity 29.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



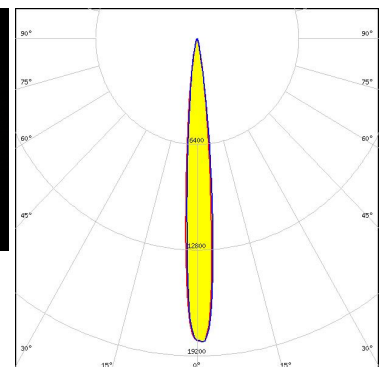
LED XP-G2
FWHM / FWTM 11.0° / 21.0°
Efficiency 90 %
Peak intensity 19.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L HI
FWHM / FWTM 10.0° / 20.0°
Efficiency 90 %
Peak intensity 18.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

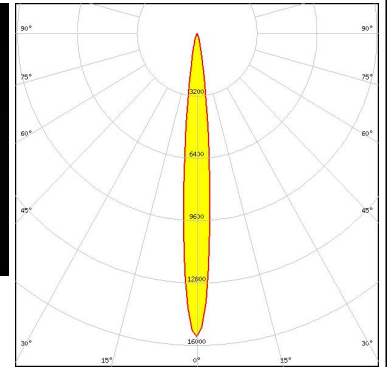


Light distribution files

OPTICAL RESULTS (MEASURED):



LED XT-E
FWHM / FWTM 8.0° / 18.0°
Efficiency 92 %
Peak intensity 15.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

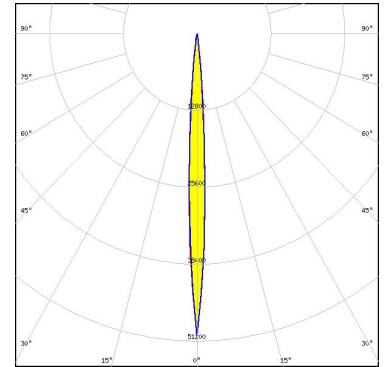


Light distribution files

OPTICAL RESULTS (SIMULATED):



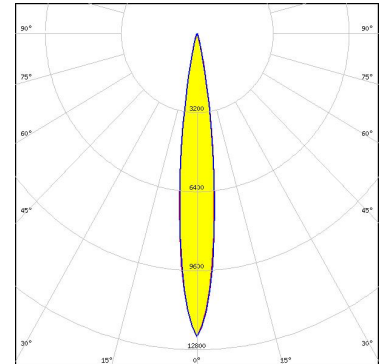
LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 50.5 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



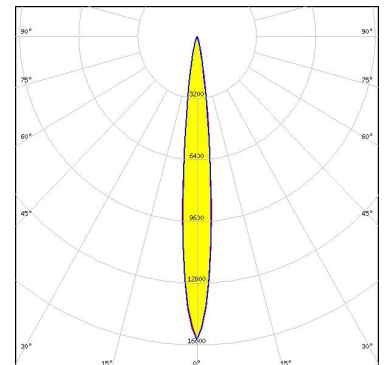
LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 88 %
Peak intensity 12.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON V2
FWHM / FWTM 11.0° / 24.0°
Efficiency 91 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

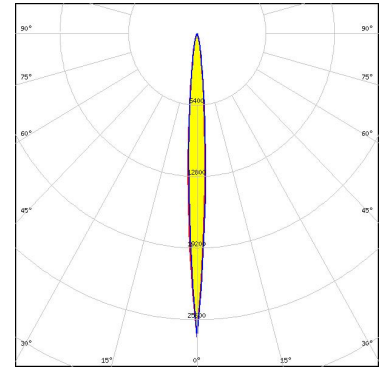


Light distribution files

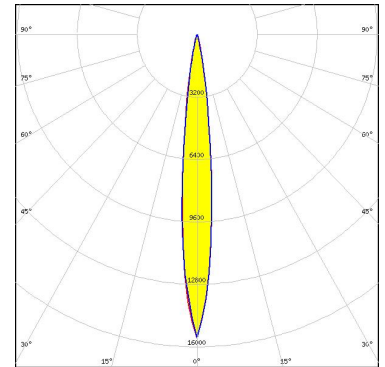
OPTICAL RESULTS (SIMULATED):



LED NFSx757G
 FWHM / FWTM 7.0° / 18.0°
 Efficiency 93 %
 Peak intensity 27.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



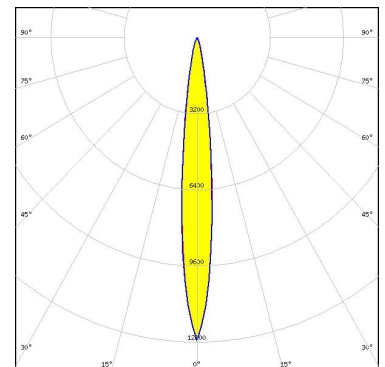
LED LH351B
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 91 %
 Peak intensity 15.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Z8Y22P
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 92 %
 Peak intensity 12.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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