

TUIJA-3-SS

~12° smooth spot beam

SPECIFICATION:

Dimensions	Ø 50.0 mm
Height	14.5 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

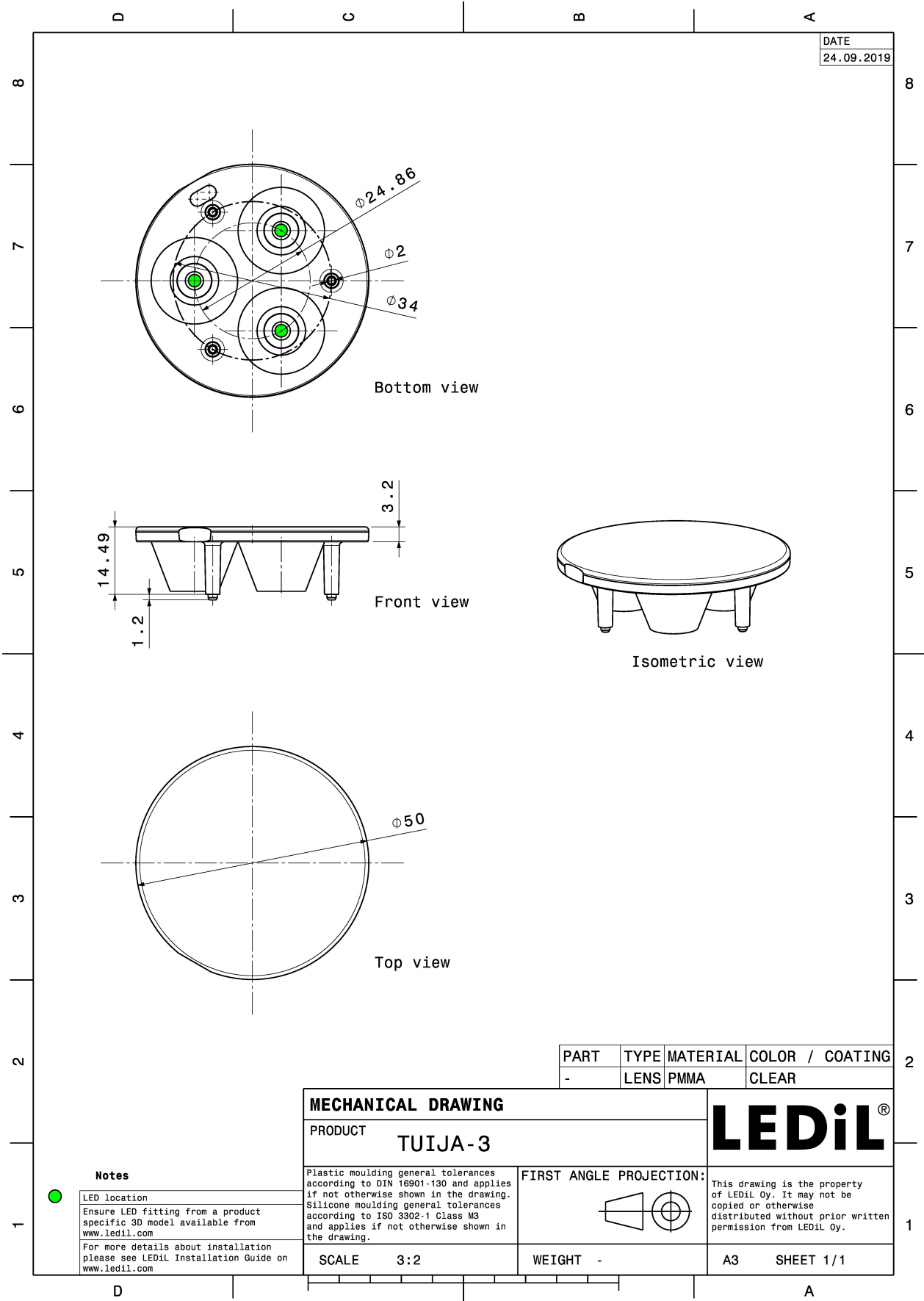


MATERIALS:

Component	Type	Material	Colour	Finish	Length
TUIJA-3-SS	Multi-lens	PMMA	clear		50.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11192_TUIJA-3-SS » Box size: 480 x 280 x 300 mm	364	112	28	6.6

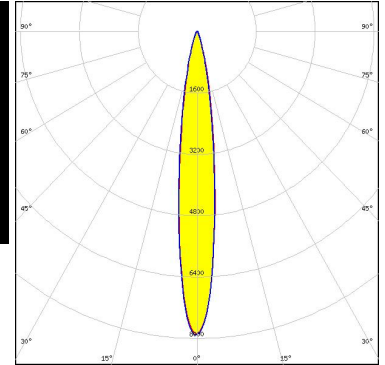


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



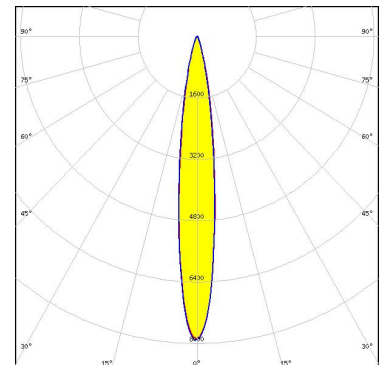
LED XB-D
FWHM / FWTM 14.0° / 32.0°
Efficiency 94 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XB-D
FWHM / FWTM 14.0° / 32.0°
Efficiency 94 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-E
FWHM / FWTM 12.0° / 25.0°
Efficiency 90 %
Peak intensity 14.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):



LED XP-G
FWHM / FWTM 14.0° / 29.0°
Efficiency 90 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



[Light distribution files](#)



LED XT-E
FWHM / FWTM 13.0° / 30.0°
Efficiency 94 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



[Light distribution files](#)



LED LUXEON A
FWHM / FWTM 12.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 12.0° / 22.0°
Efficiency 90 %
Peak intensity 16.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

LUMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 13.0° / 27.0°
Efficiency 90 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

NICHIA

LED NCSxx19A
FWHM / FWTM 12.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (MEASURED):



LED NVSxx19A
FWHM / FWTM 10.5°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



Osram Semiconductors

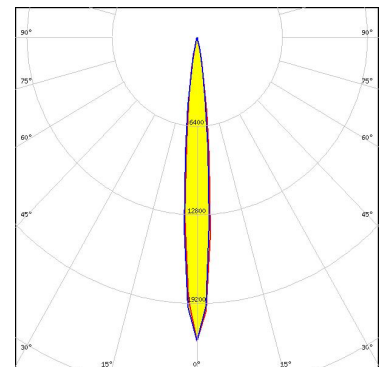
LED OSLOM SSL 80
FWHM / FWTM 10.0° / 21.0°
Efficiency 90 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 10.0° / 22.0°
Efficiency 93 %
Peak intensity 22 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):

SHARP

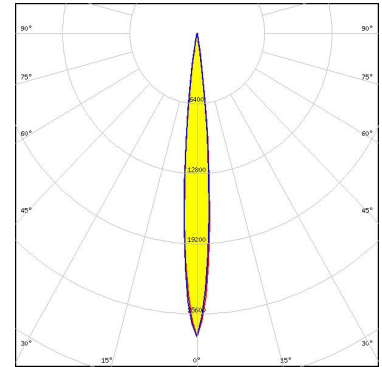
LED	Double Dome (GM2BB)
FWHM / FWTM	12.0°
Efficiency	90 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):



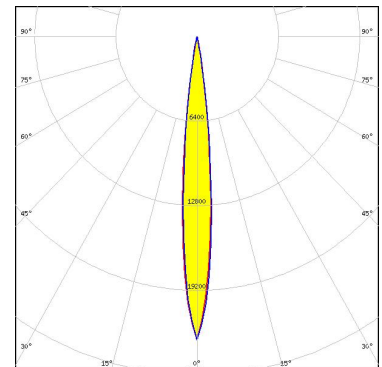
LED XD16
FWHM / FWTM 9.5° / 18.0°
Efficiency 94 %
Peak intensity 27.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



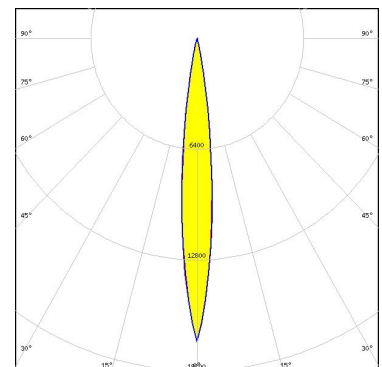
Light distribution files



LED XP-G2
FWHM / FWTM 11.0° / 20.0°
Efficiency 98 %
Peak intensity 23 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



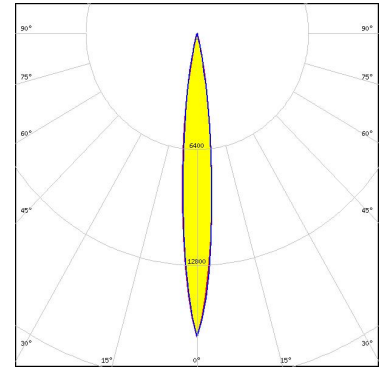
LED XP-G3
FWHM / FWTM 12.0° / 24.0°
Efficiency 98 %
Peak intensity 17.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):



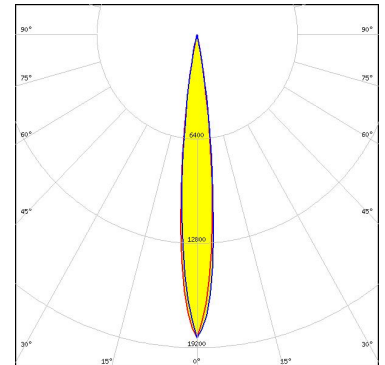
LED XP-L HD
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 97 %
 Peak intensity 16.7 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



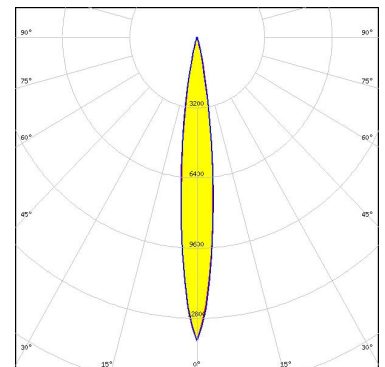
LED XP-L HI
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 97 %
 Peak intensity 18.6 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L2
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 97 %
 Peak intensity 13.8 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

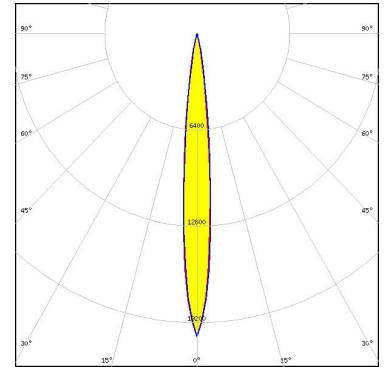


Light distribution files

OPTICAL RESULTS (SIMULATED):



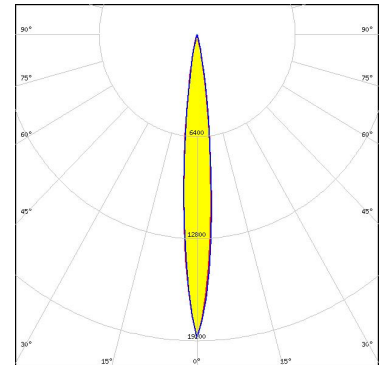
LED LUXEON Rebel Plus
FWHM / FWTM 10.0° / 21.0°
Efficiency 96 %
Peak intensity 20.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



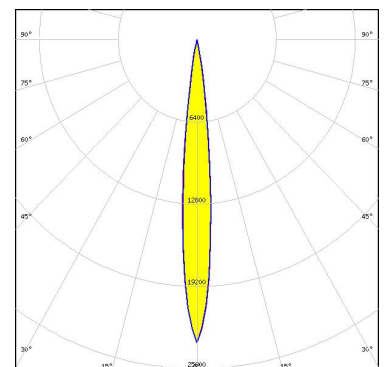
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 11.0° / 22.0°
Efficiency 97 %
Peak intensity 19 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 11.0° / 20.0°
Efficiency 94 %
Peak intensity 23.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

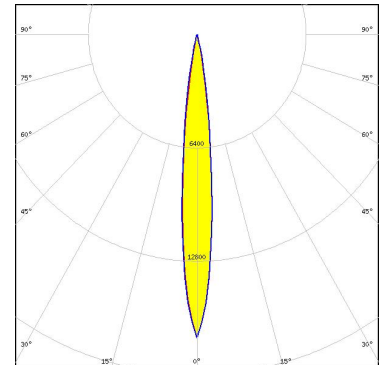
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 12.0°
Efficiency %
Peak intensity 17 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OSRAM
Opto Semiconductors

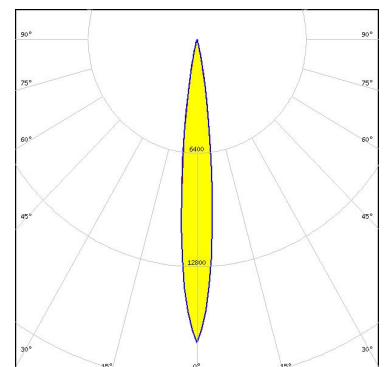
LED SFH 4715AS
FWHM / FWTM 12.0° / 24.0°
Efficiency 94 %
Peak intensity 17.1 cd/lm
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4716AS
FWHM / FWTM 12.0° / 24.0°
Efficiency 94 %
Peak intensity 17.1 cd/lm
LEDs/each optic 1
Light colour/type IR
Required components:

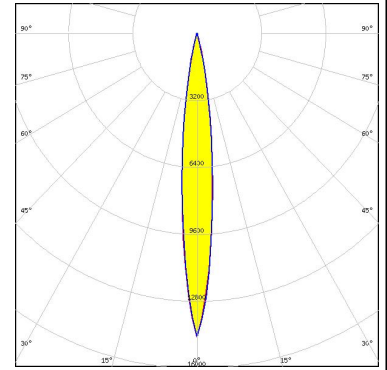


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351D
FWHM / FWTM	12.0° / 26.0°
Efficiency	96 %
Peak intensity	14.5 cd/m
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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