

TUIJA-3-W

~55° wide beam

SPECIFICATION:

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

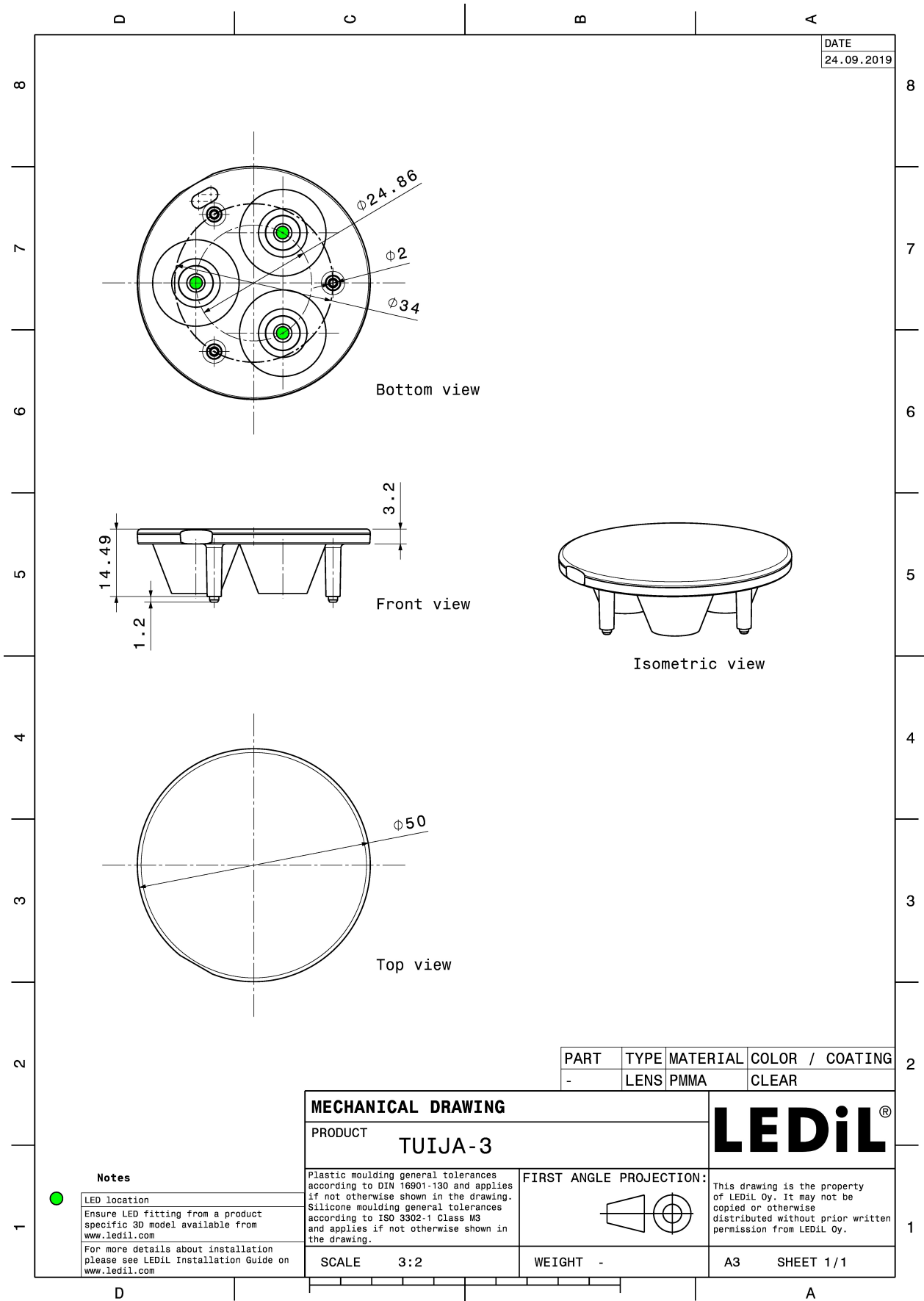
MATERIALS:

Component	Type	Material	Colour	Finish
TUIJA-3-W	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11191_TUIJA-3-W » Box size: 480 x 280 x 300 mm	364	112	28	6.4



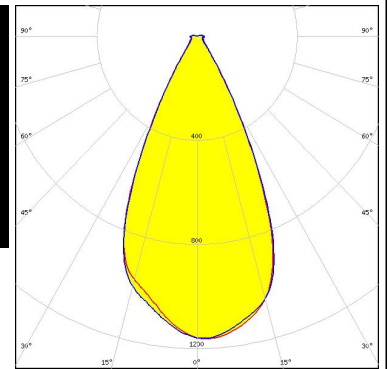


See also our general installation guide: www.ledil.com/installation_guide

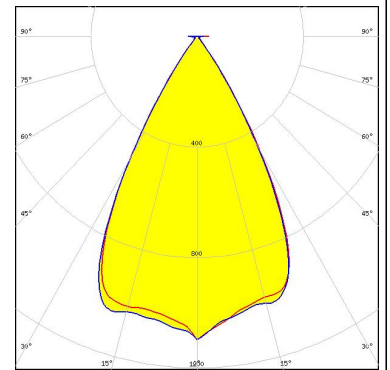
OPTICAL RESULTS (MEASURED):



LED XB-D
FWHM / FWTM 50.0° / 73.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



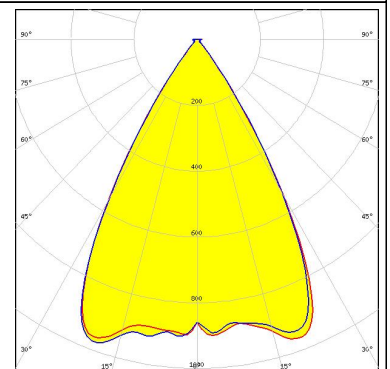
LED XB-D
FWHM / FWTM 49.0°
Efficiency 86 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM / FWTM 58.0° / 74.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM / FWTM 59.0° / 76.0°
Efficiency 86 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON A
FWHM / FWTM 56.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 48.0° / 72.0°
Efficiency 86 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 56.0° / 78.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM Opto Semiconductors

LED OSLOM SSL 80
FWHM / FWTM 46.0° / 64.0°
Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 48.0° / 70.0°
Efficiency 88 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

The diagram is a polar plot showing the light distribution of the LED. The vertical axis represents the beam angle from 0° at the bottom to 90° at the top. The horizontal axis represents the beam diameter at different distances: 400mm, 800mm, and 1200mm. The yellow area represents the light beam, which is wider at larger distances. The beam is labeled with 400, 800, and 1200, indicating the beam diameter at those distances.

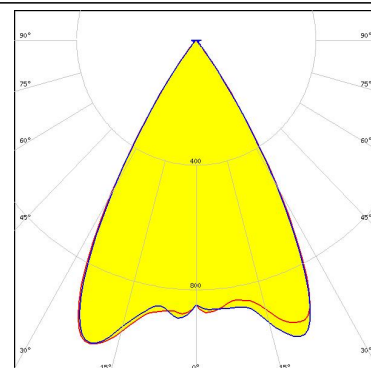
SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 58.0°
Efficiency 86 %
LEDs/each optic 1
Light colour White
Required components:

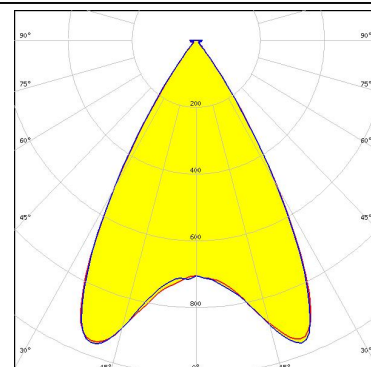
OPTICAL RESULTS (SIMULATED):



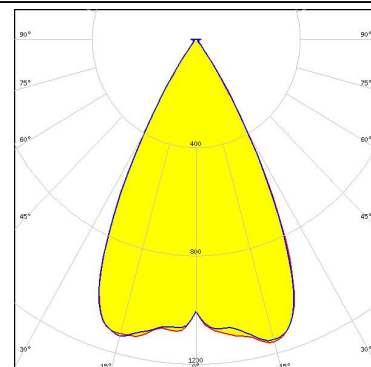
LED XP-G2
FWHM / FWTM 61.0° / 75.0°
Efficiency 93 %
Peak intensity 1.1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM / FWTM 60.0° / 76.0°
Efficiency 91 %
Peak intensity 1 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM / FWTM 56.0° / 71.0°
Efficiency 93 %
Peak intensity 1.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19A
FWHM / FWTM 54.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (SIMULATED):



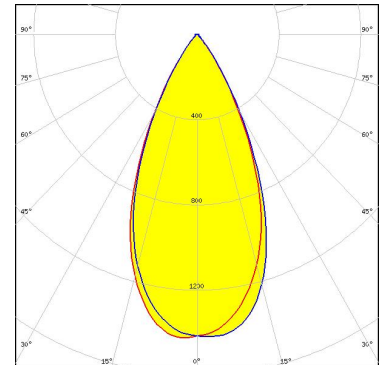
LED NVSxx19A
FWHM / FWTM 54.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



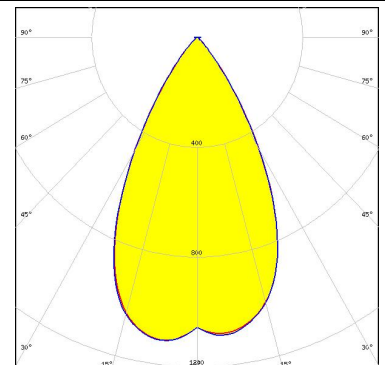
LED OSLOM SSL 150
FWHM / FWTM 58.0°
Efficiency %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SFH 4715AS
FWHM / FWTM 48.0° / 74.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



LED SFH 4716AS
FWHM / FWTM 56.0° / 81.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour IR
Required components:

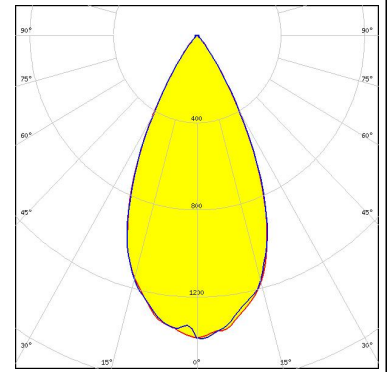


OPTICAL RESULTS (SIMULATED):

OSRAM

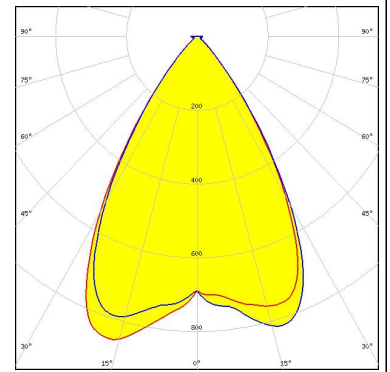
Opto Semiconductors

LED SFH 4725S
FWHM / FWTM 51.0° / 74.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



SAMSUNG

LED LH351C
FWHM / FWTM 65.0° / 88.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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