

TUIJA-3-M2

~35° medium beam

SPECIFICATION:

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

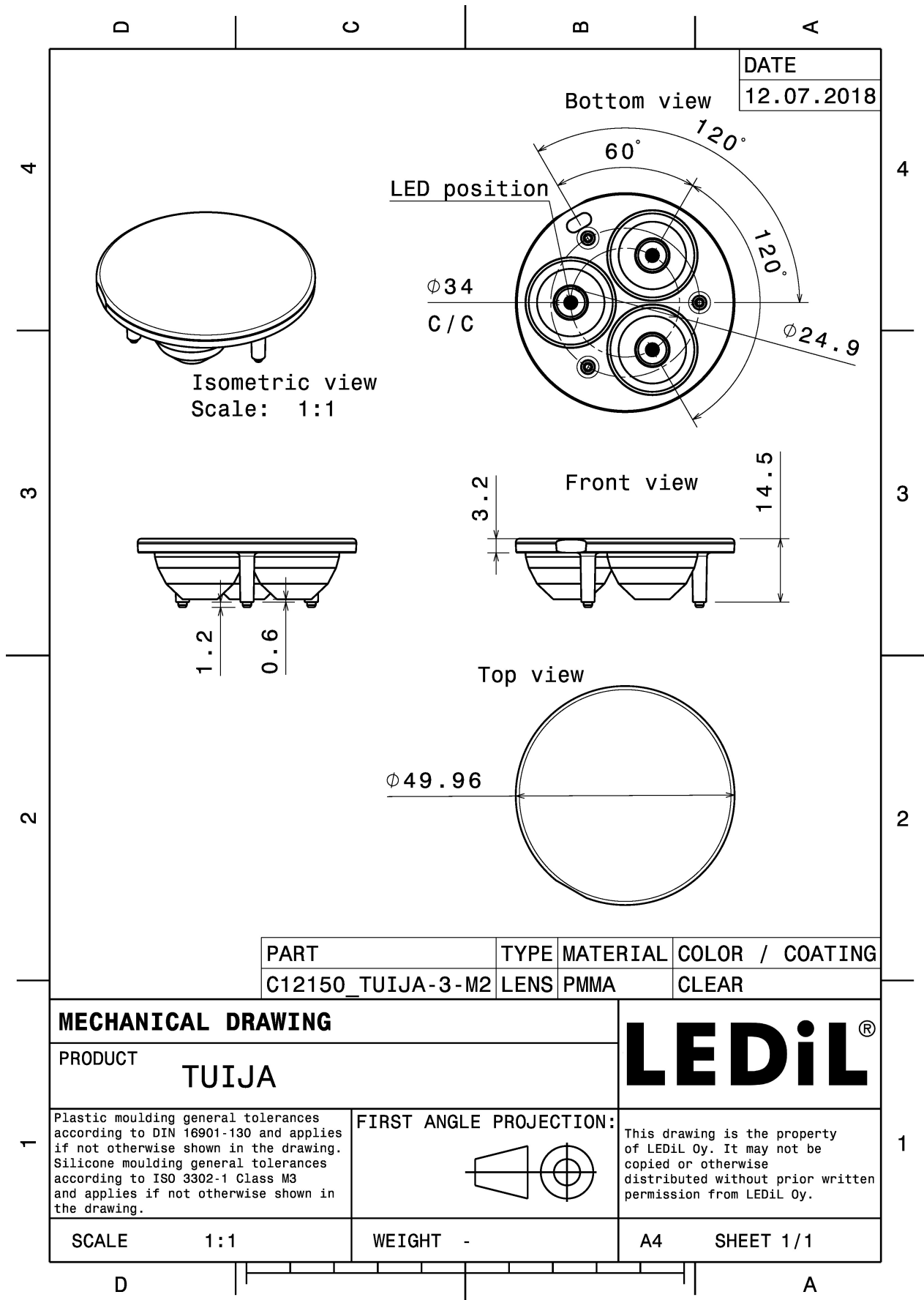
MATERIALS:

Component	Type	Material	Colour	Finish	Length
TUIJA-3-M2	Multi-lens	PMMA	clear		50.0

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12150_TUIJA-3-M2 » Box size: 480 x 280 x 300 mm	364	112	28	7.0



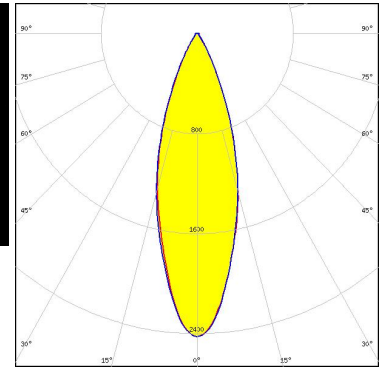


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED	XB-D
FWHM / FWTM	32.0° / 60.0°
Efficiency	94 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	XB-D
FWHM / FWTM	35.0°
Efficiency	89 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



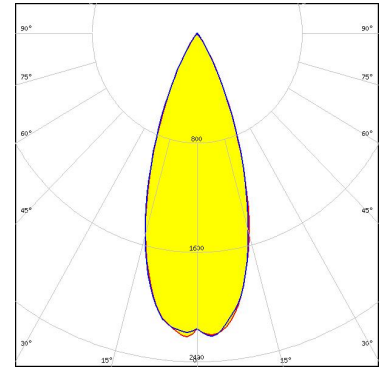
LED	XP-E
FWHM / FWTM	34.0° / 64.0°
Efficiency	86 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (MEASURED):



LED XP-G
FWHM / FWTM 34.0° / 65.0°
Efficiency 86 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



[Light distribution files](#)



LED LUXEON Rebel
FWHM / FWTM 37.0° / 66.0°
Efficiency 89 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)



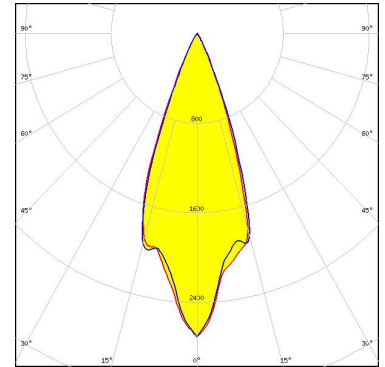
LED LUXEON Rebel ES
FWHM / FWTM 36.0° / 62.0°
Efficiency 93 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

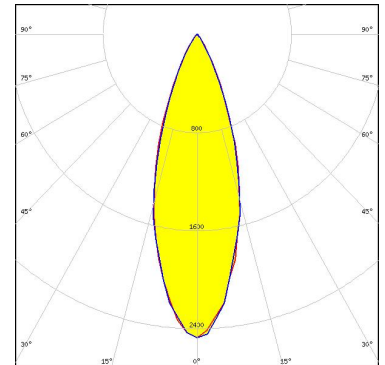
LED OSLON SSL 80
FWHM / FWTM 40.0° / 64.0°
Efficiency 87 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z5
FWHM / FWTM 32.0° / 60.0°
Efficiency 92 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

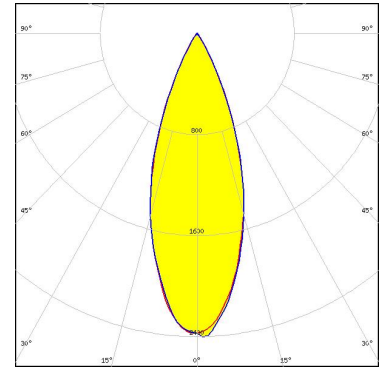


Light distribution files

OPTICAL RESULTS (SIMULATED):



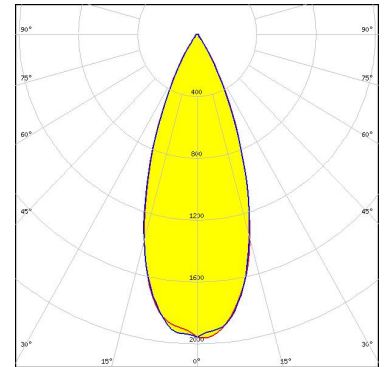
LED XP-G2
FWHM / FWTM 36.0° / 60.0°
Efficiency 96 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G3
FWHM / FWTM 40.0° / 64.0°
Efficiency 95 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON A
FWHM / FWTM 35.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	NCSxx19A
FWHM / FWTM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	NVSxx19A
FWHM / FWTM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



Osram Opto Semiconductors

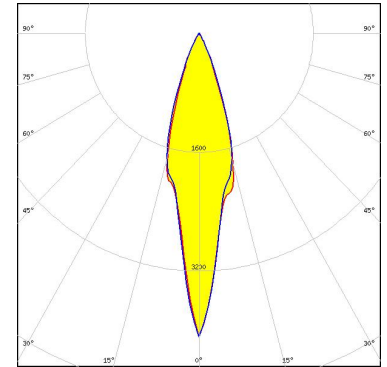
LED	OSLON SSL 150
FWHM / FWTM	35.0°
Efficiency	%
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

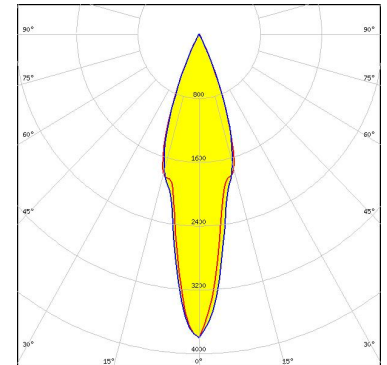
LED SFH 4715AS
FWHM / FWTM 23.0° / 51.0°
Efficiency 94 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4716AS
FWHM / FWTM 25.0° / 51.0°
Efficiency 94 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 35.0°
Efficiency %
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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