

TUIJA-3-M2

~35° medium beam

SPECIFICATION:

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

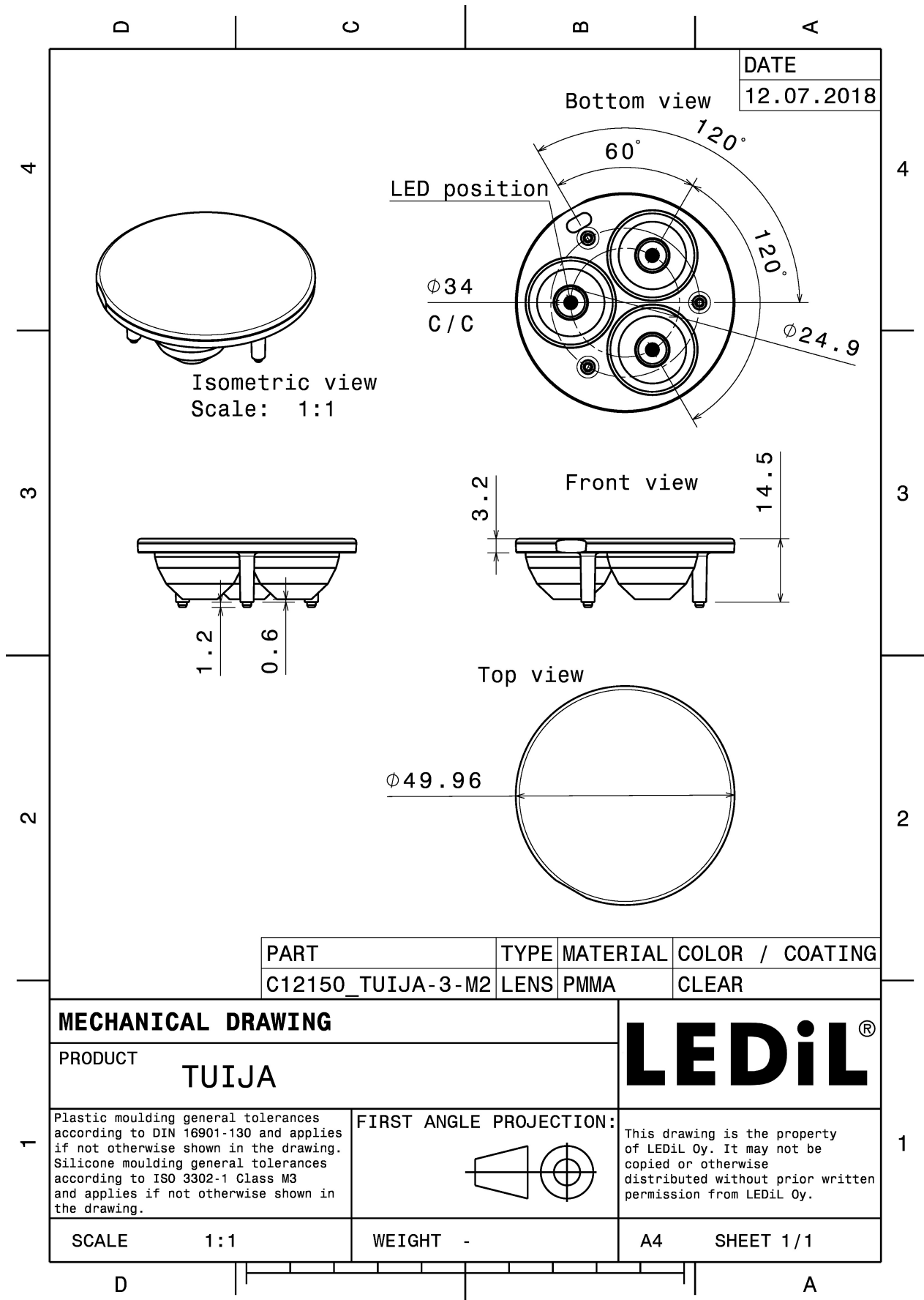
MATERIALS:

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

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



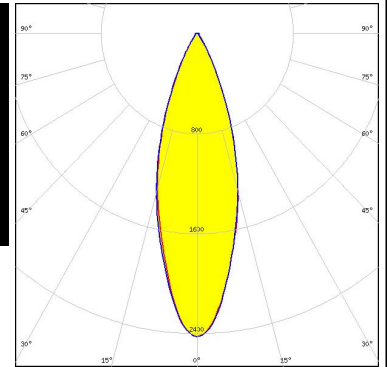


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE → LED

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



CREE → LED

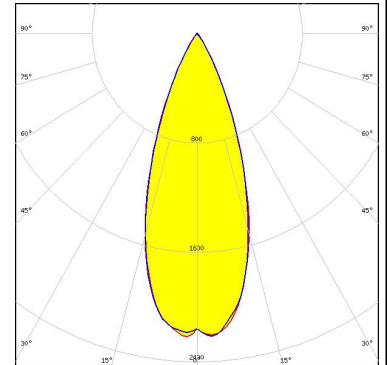
LED XB-D
 FWHM / FWTM 35.0°
 Efficiency 89 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

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

CREE → LED

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



OPTICAL RESULTS (MEASURED):

LUMILEDS

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

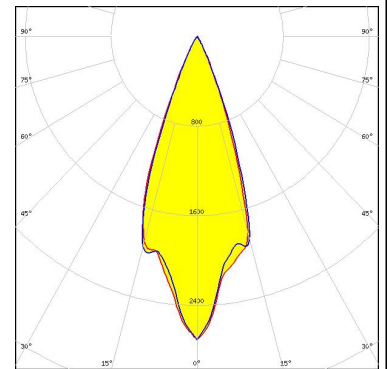
LUMILEDS

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

OSRAM

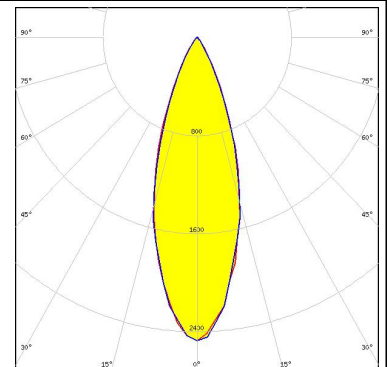
Opto Semiconductors

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



SEOL SEMICONDUCTOR

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



OPTICAL RESULTS (SIMULATED):

LUMILEDS

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

Required components:

NICHIA

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

Required components:

NICHIA

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

Required components:

OSRAM

Opto Semiconductors

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

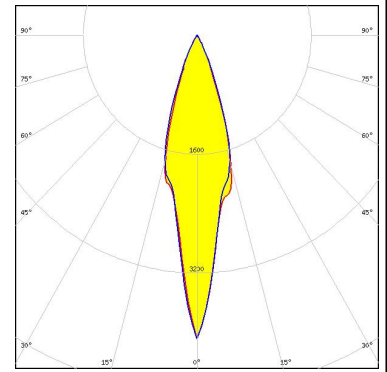
Required components:

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

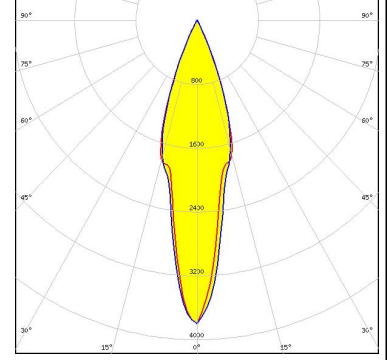
LED SFH 4715AS
 FWHM / FWTM 23.0° / 51.0°
 Efficiency 94 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



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 IR
 Required components:



SHARP

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