

TUIJA-3-M2

~35° medium beam

TECHNICAL SPECIFICATIONS:

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

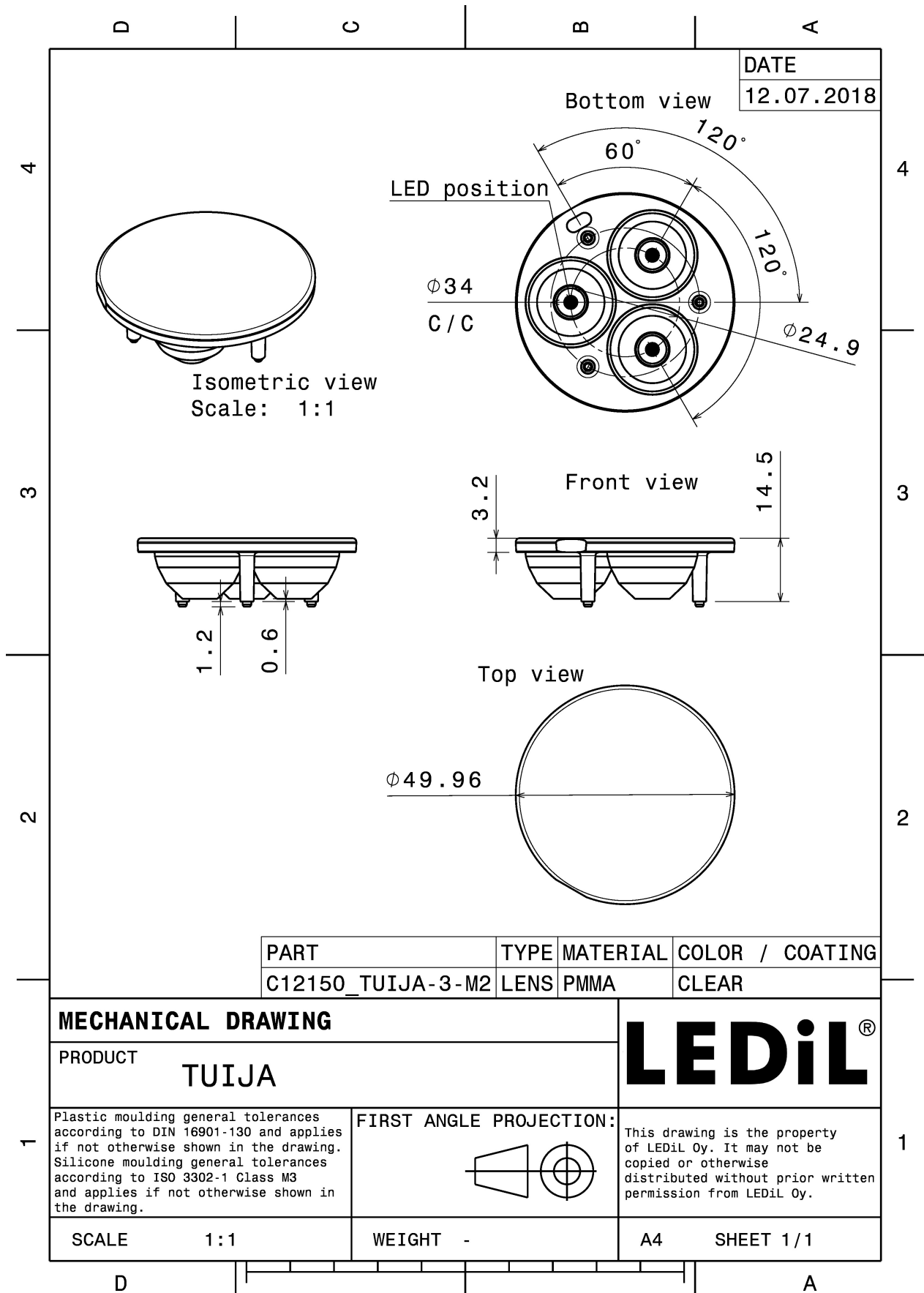
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

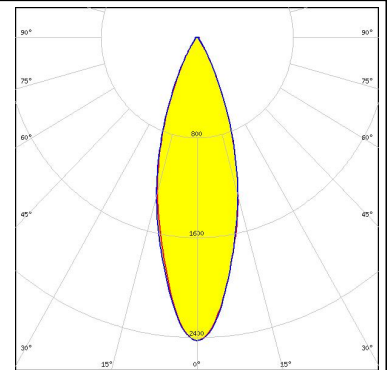
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12150_TUIJA-3-M2 » Box size: 480 x 280 x 300 mm	364	112	28	7.0



PHOTOMETRIC DATA (MEASURED):

CREE

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



CREE

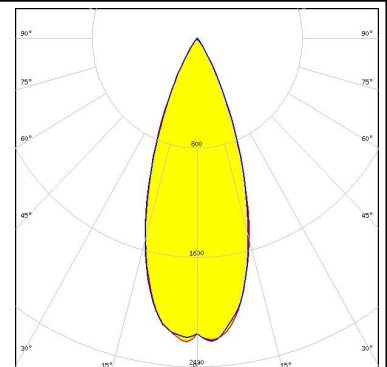
LED XB-D
 FWHM 35.0°
 Efficiency 89 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE

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

CREE

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



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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

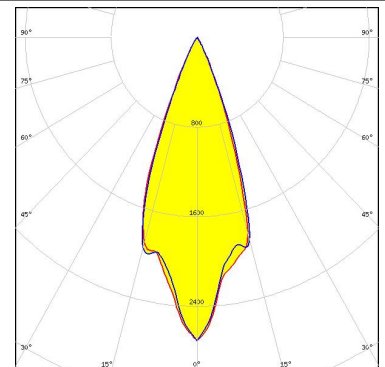
LUMILEDS

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

OSRAM

Opto Semiconductors

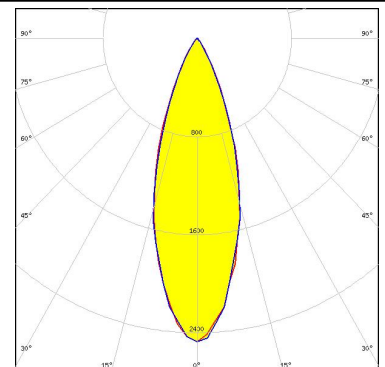
LED OSOLON SSL 80
 FWHM 40.0°
 Efficiency 87 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOL

SEOUL SEMICONDUCTOR

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



PHOTOMETRIC DATA (SIMULATED):



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



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



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



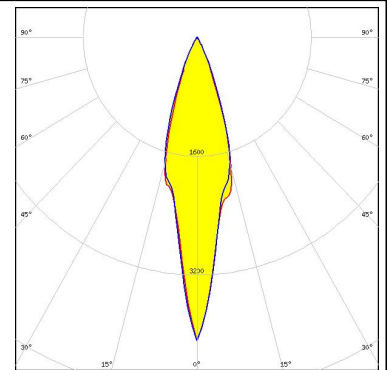
LED	OSLON SSL 150
FWHM	35.0°
Efficiency	%
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

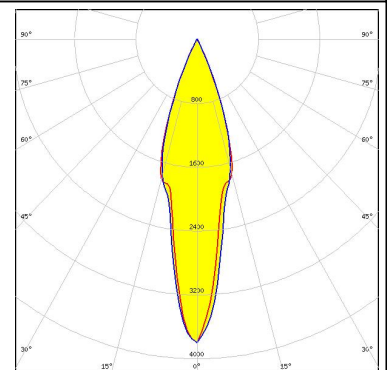
LED SFH 4715AS
 FWHM 23.0°
 Efficiency 94 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour IR
 Required components:



OSRAM

Opto Semiconductors

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



SHARP

LED Double Dome (GM2BB)
 FWHM 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:

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