

TUIJA-3-SS

~12° smooth spot beam

TECHNICAL SPECIFICATIONS:

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

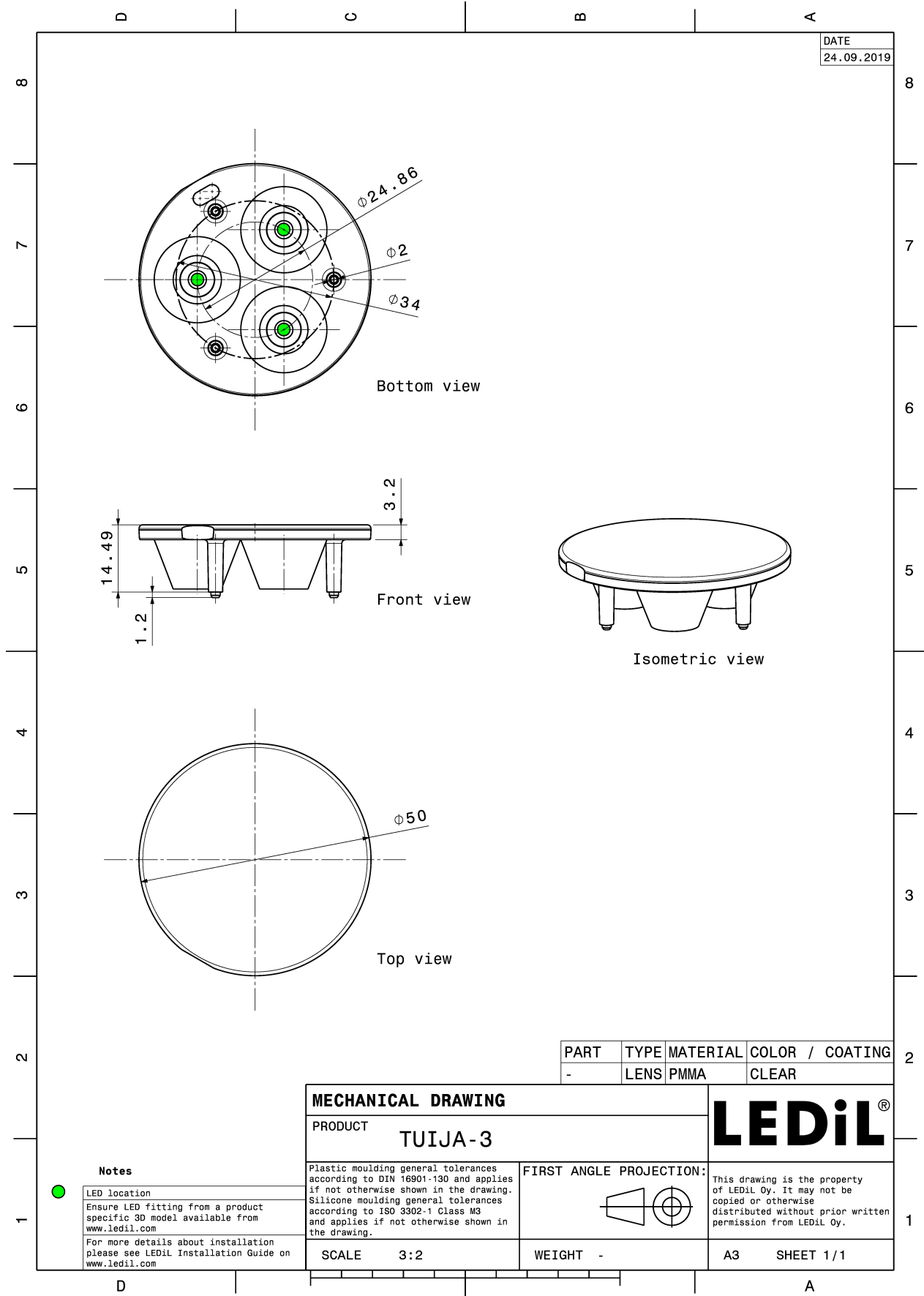


MATERIAL SPECIFICATIONS:

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

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

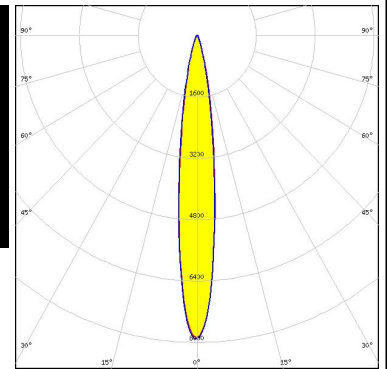


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

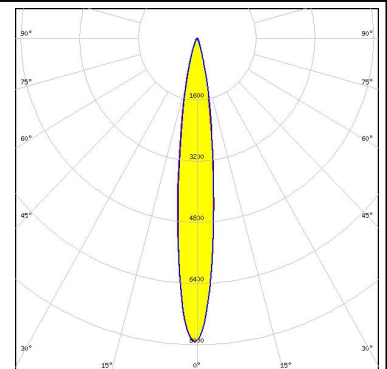
CREE 

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



CREE 

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



CREE 

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

CREE 

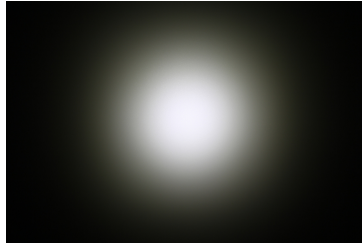
LED XP-G
 FWHM / FWTM 14.0° / 29.0°
 Efficiency 90 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

CREE

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



LUMILEDS

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





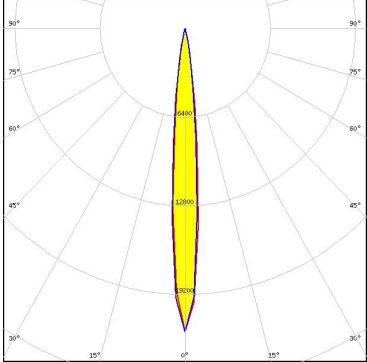
LUMILEDS

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

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 White
Required components:

PHOTOMETRIC DATA (MEASURED):

	
LED	NCSxx19A
FWHM / FWTM	12.0°
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	
	
LED	NVSxx19A
FWHM / FWTM	10.5°
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	
 <small>Osram Opto Semiconductors</small>	
LED	OSLON SSL 80
FWHM / FWTM	10.0° / 21.0°
Efficiency	90 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
 <small>SEOUL SEMICONDUCTOR</small>	
LED	Z5
FWHM / FWTM	10.0° / 22.0°
Efficiency	93 %
Peak intensity	22 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	

PHOTOMETRIC DATA (MEASURED):

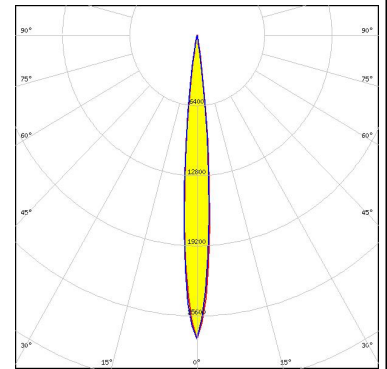
SHARP

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

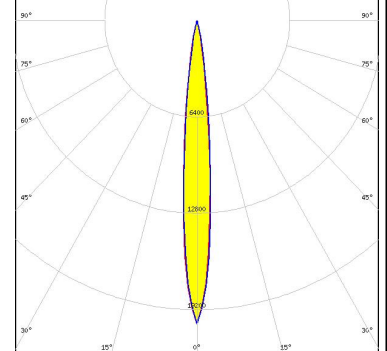
PHOTOMETRIC DATA (SIMULATED):



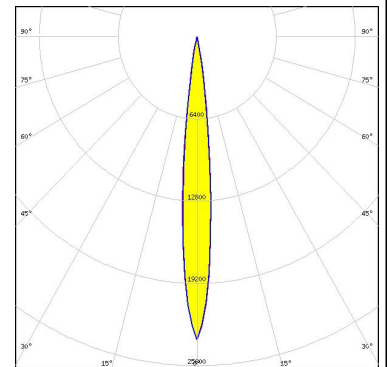
LED XD16
 FWHM / FWTM 9.5° / 18.0°
 Efficiency 94 %
 Peak intensity 27.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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



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

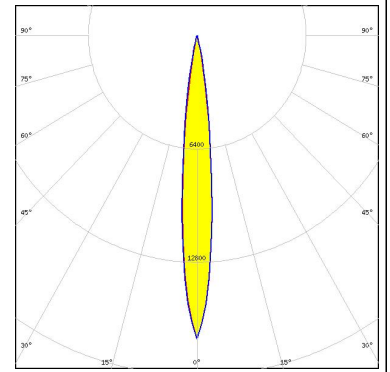


OSRAM Opto Semiconductors
 LED OSOLON SSL 150
 FWHM / FWTM 12.0°
 Efficiency %
 Peak intensity 17 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (SIMULATED):

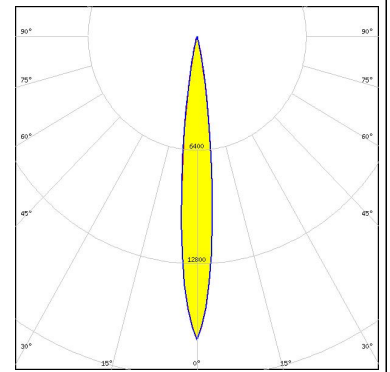
OSRAM Opto Semiconductors

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



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 IR
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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