

TUIJA-3-M

~16° medium beam

SPECIFICATION:

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

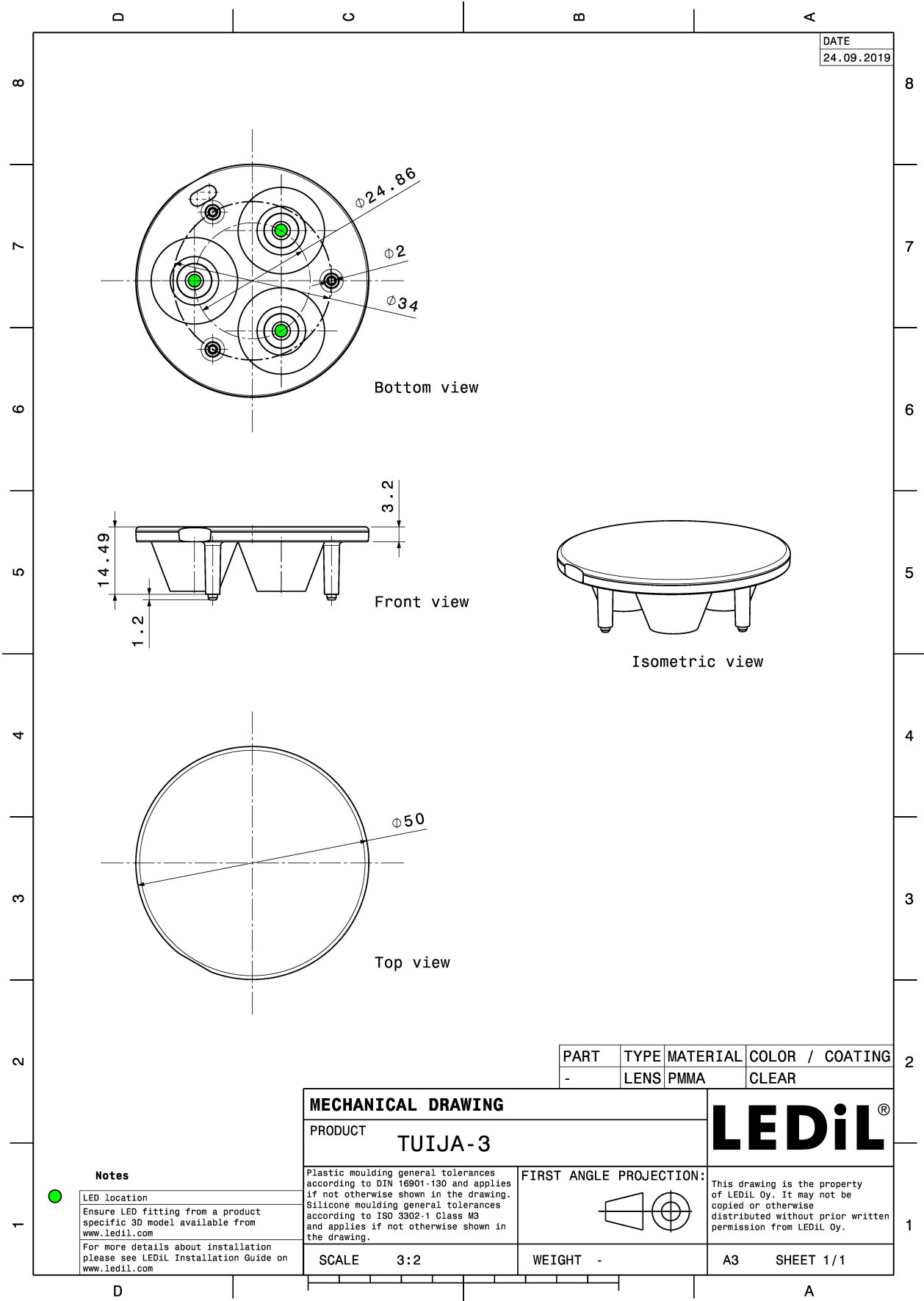


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11193_TUIJA-3-M » Box size: 480 x 280 x 300 mm	364	112	28	6.6

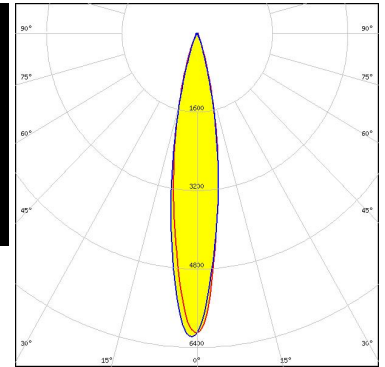


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED XB-D
FWHM / FWTM 18.0° / 37.0°
Efficiency 94 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

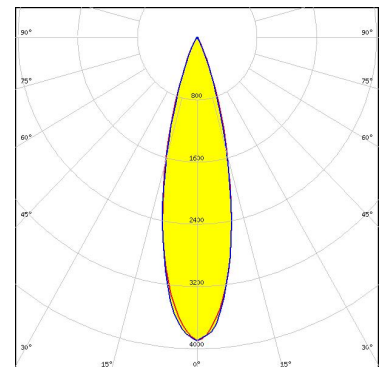


LED XP-E
FWHM / FWTM 19.0° / 38.0°
Efficiency 82 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED XP-G
FWHM / FWTM 20.0° / 41.0°
Efficiency 82 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):



LED LUXEON A
FWHM / FWTM 17.0°
Efficiency 82 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)



LED LUXEON Rebel
FWHM / FWTM 14.0° / 32.0°
Efficiency 82 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)



LED LUXEON Rebel ES
FWHM / FWTM 18.0° / 40.0°
Efficiency 82 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (MEASURED):



LED NCSxx19A
FWHM / FWTM 16.0°
Efficiency 82 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)



LED NVSxx19A
FWHM / FWTM 16.0°
Efficiency 82 %
LEDs/each optic 1
Light colour/type White
Required components:


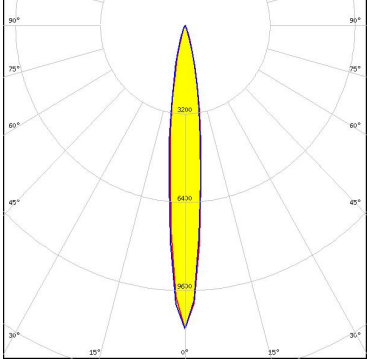
[Light distribution files](#)




LED OSLOM SSL 80
FWHM / FWTM 14.0° / 38.0°
Efficiency 82 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (MEASURED):

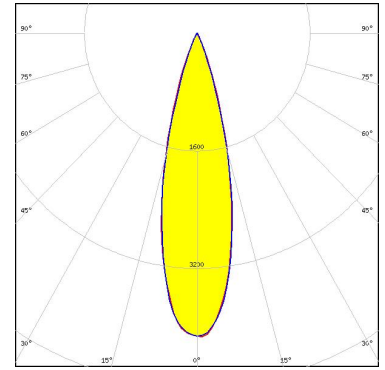
 SEOL SEMICONDUCTOR		
LED	Z5	
FWHM / FWTM	12.0° / 31.0°	
Efficiency	93 %	
Peak intensity	11 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		
		Light distribution files

		
LED	Double Dome (GM2BB)	
FWHM / FWTM	16.0°	
Efficiency	82 %	
LEDs/each optic	1	
Light colour/type	White	
Required components:		
		Light distribution files

OPTICAL RESULTS (SIMULATED):



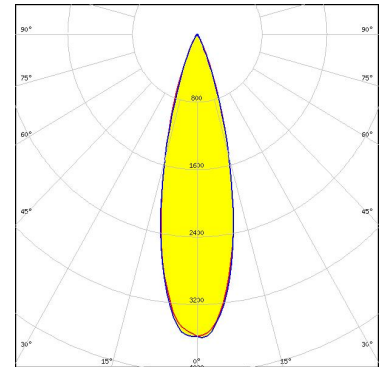
LED XP-G2
FWHM / FWTM 26.0° / 45.0°
Efficiency 95 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



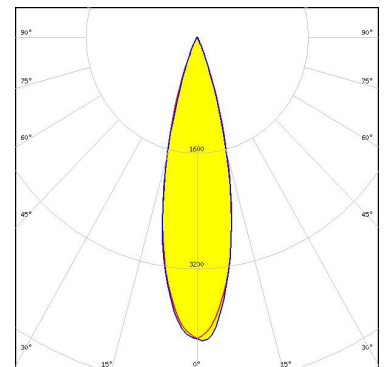
LED XP-G3
FWHM / FWTM 28.0° / 48.0°
Efficiency 94 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XT-E
FWHM / FWTM 26.0° / 44.0°
Efficiency 94 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

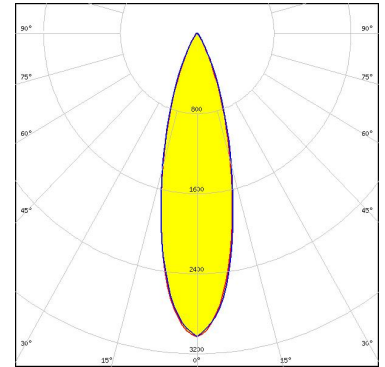


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

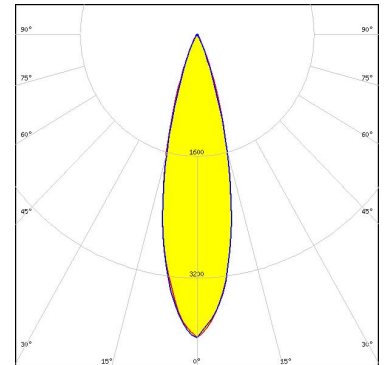
LED Duris S8
 FWHM / FWTM 28.0° / 54.0°
 Efficiency 95 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 26.0° / 46.0°
 Efficiency 95 %
 Peak intensity 4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

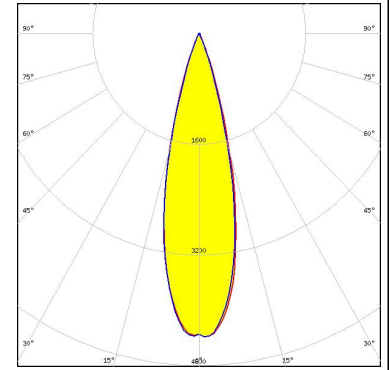
LED OSLOM SSL 150
 FWHM / FWTM 23.0°
 Efficiency %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

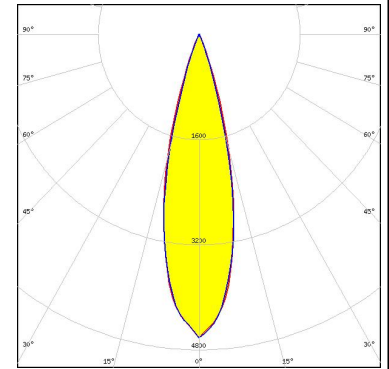
LED SFH 4715AS
FWHM / FWTM 27.0° / 43.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type IR
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4716AS
FWHM / FWTM 27.0° / 43.0°
Efficiency 94 %
LEDs/each optic 1
Light colour/type IR
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:

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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