

## TUIJA-3-M

~16° medium beam

### TECHNICAL SPECIFICATIONS:

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

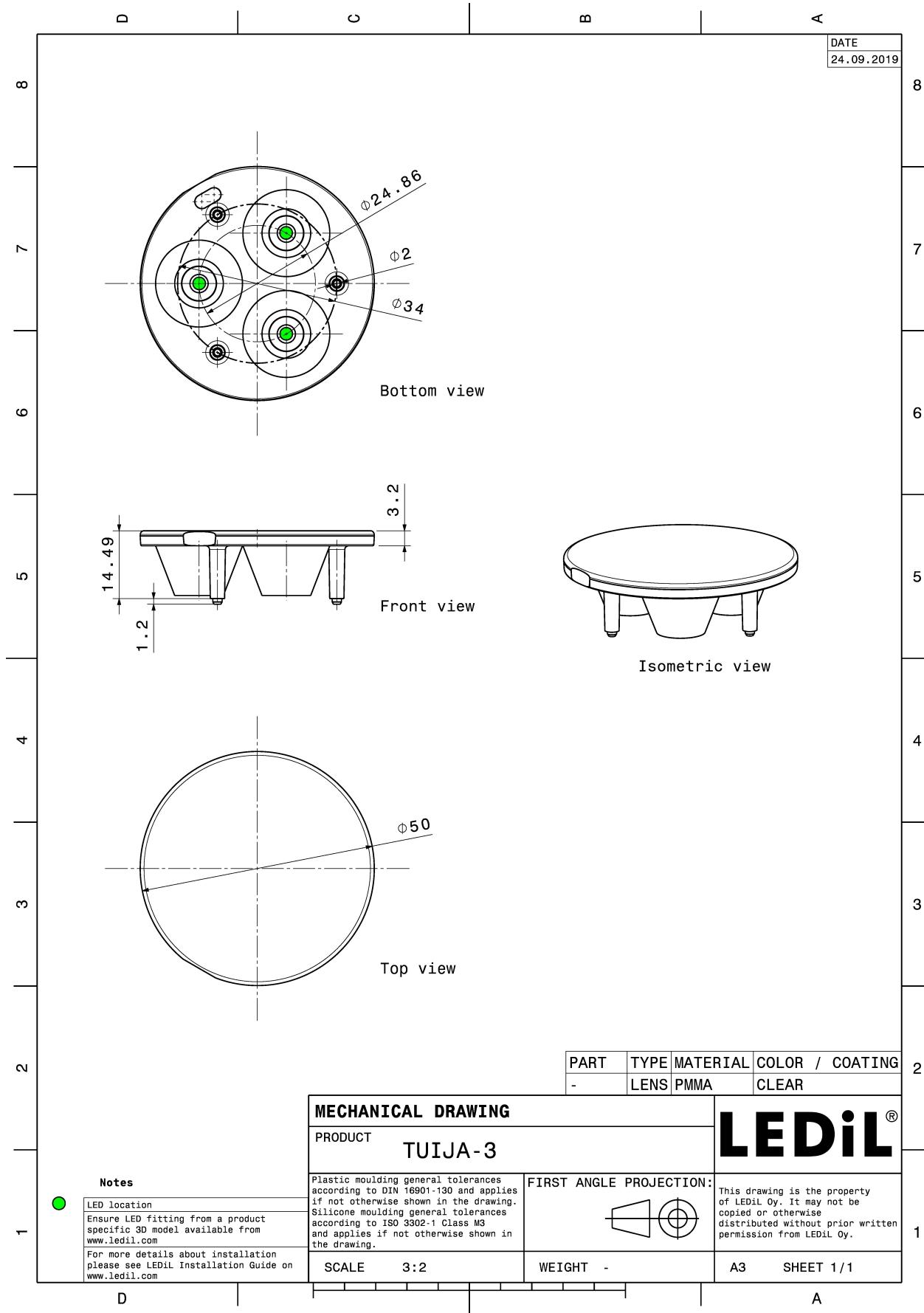


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

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

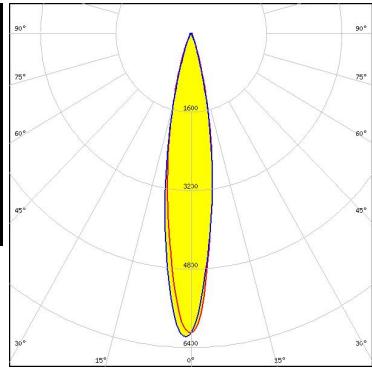


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

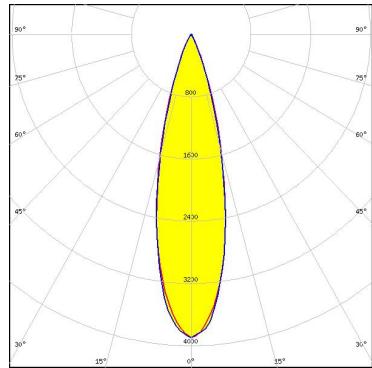
## PHOTOMETRIC DATA (MEASURED):



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



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



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



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

## PHOTOMETRIC DATA (MEASURED):

### LUMILEDS

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

### LUMILEDS

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

### NICHIA

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

### NICHIA

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

## PHOTOMETRIC DATA (MEASURED):

### OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM / FWTM 14.0° / 38.0°

Efficiency 82 %

Peak intensity 2.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:

### SEOUL SEMICONDUCTOR

LED Z5

FWHM / FWTM 12.0° / 31.0°

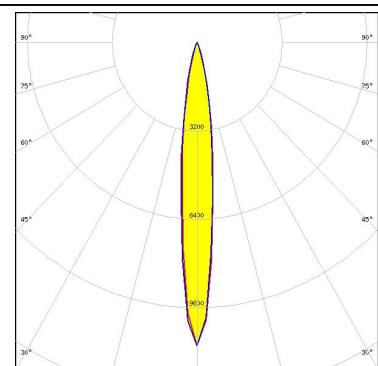
Efficiency 93 %

Peak intensity 11 cd/lm

LEDs/each optic 1

Light colour White

Required components:



### SHARP

LED Double Dome (GM2BB)

FWHM / FWTM 16.0°

Efficiency 82 %

LEDs/each optic 1

Light colour White

Required components:

## PHOTOMETRIC DATA (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	White

Required components:

### OSRAM

Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	23.0°
Efficiency	%
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour	White

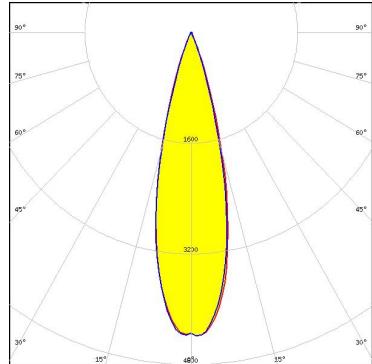
Required components:

### OSRAM

Opto Semiconductors

LED	SFH 4715AS
FWHM / FWTM	27.0° / 43.0°
Efficiency	94 %
Peak intensity	4.4 cd/lm
LEDs/each optic	1
Light colour	IR

Required components:

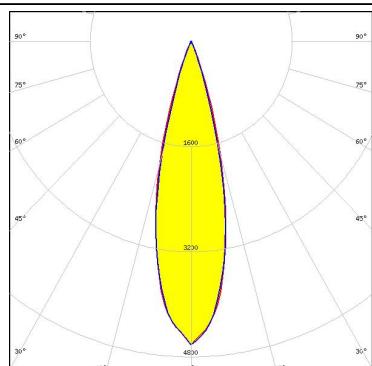


### OSRAM

Opto Semiconductors

LED	SFH 4716AS
FWHM / FWTM	27.0° / 43.0°
Efficiency	94 %
Peak intensity	4.6 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:

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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