

TUIJA-3-W

~55° wide beam

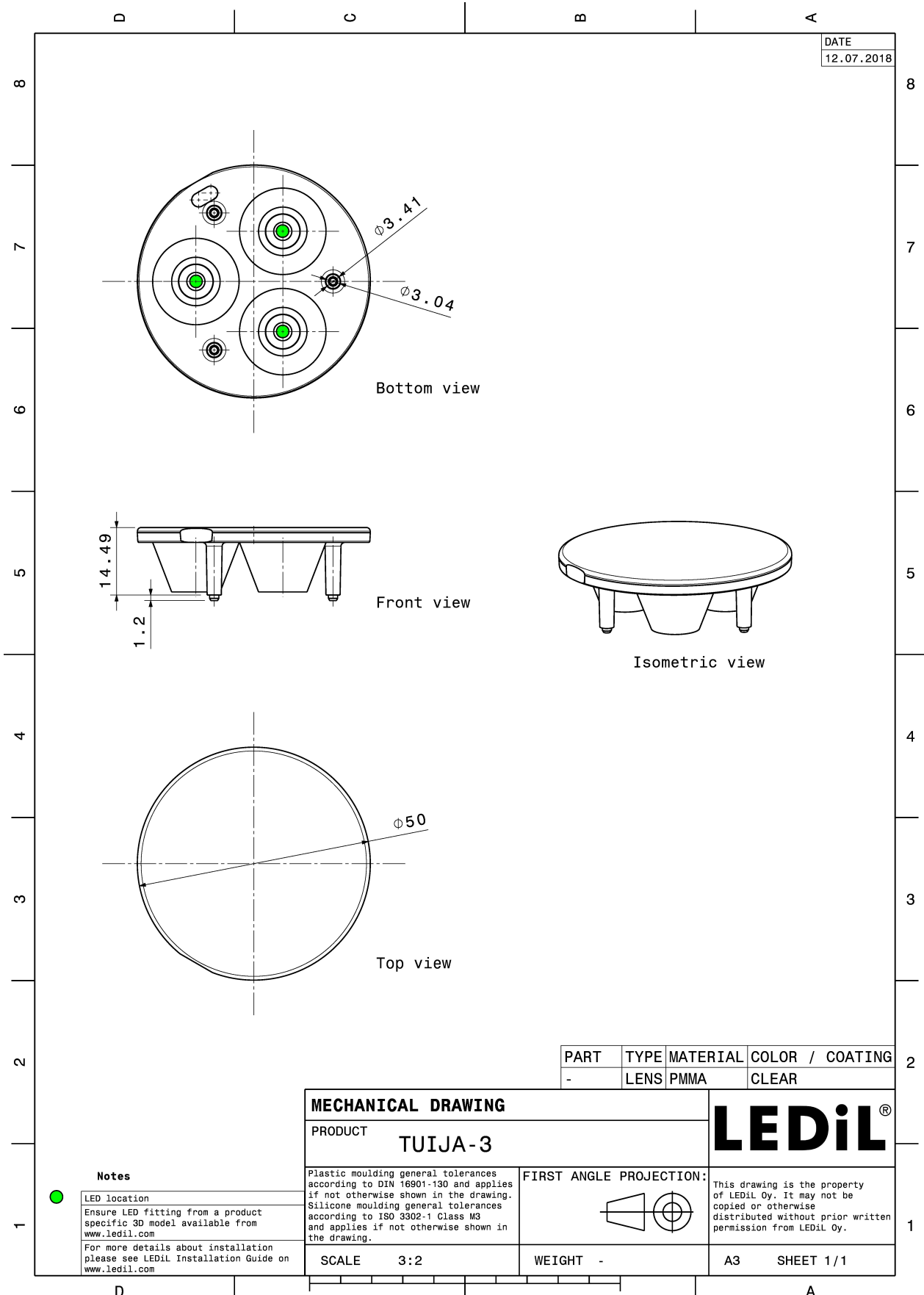
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	14.5 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.4 kg
Quantity in Box	364 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

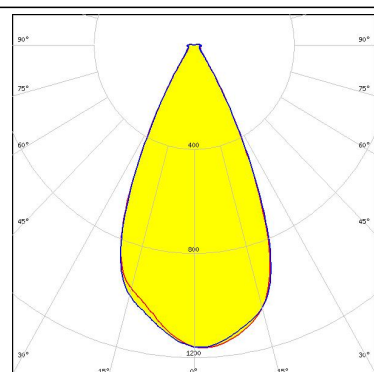
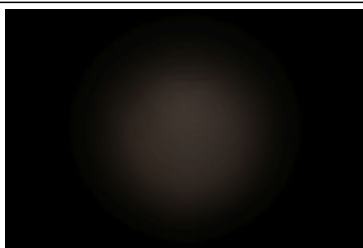
Component	Type	Material	Colour
TUIJA-3-W	Multi-lens	PMMA	clear



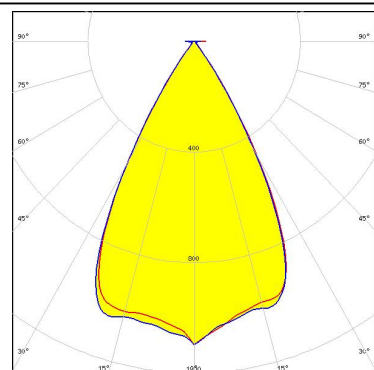
PHOTOMETRIC DATA (MEASURED):



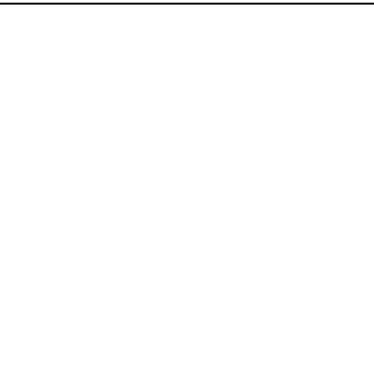
LED XB-D
FWHM 50.0°
Efficiency 92 %
Peak intensity 1.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



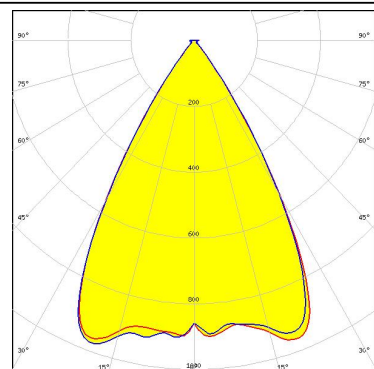
LED XB-D
FWHM 49.0°
Efficiency 86 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM 58.0°
Efficiency 86 %
Peak intensity 0.920 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 59.0°
Efficiency 86 %
Peak intensity 0.750 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON A
FWHM 56.0°
Efficiency 86 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON Rebel
FWHM 48.0°
Efficiency 86 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:

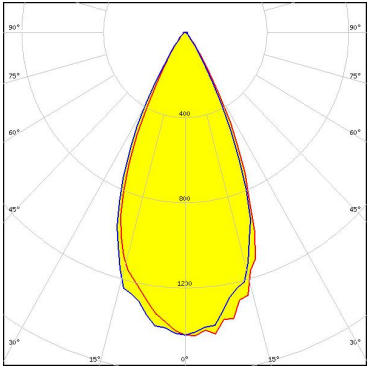
LUMILEDS

LED LUXEON Rebel ES
FWHM 56.0°
Efficiency 86 %
Peak intensity 0.870 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM Opto Semiconductors

LED Oslon SSL 80
FWHM 46.0°
Efficiency 86 %
Peak intensity 0.440 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

 SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM	48.0°	
Efficiency	88 %	
Peak intensity	1.400 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
SHARP		
LED	Double Dome (GM2BB)	
FWHM	58.0°	
Efficiency	86 %	
Peak intensity	cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

PHOTOMETRIC DATA (SIMULATED):



LED NCSxx19A
FWHM 54.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM 54.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



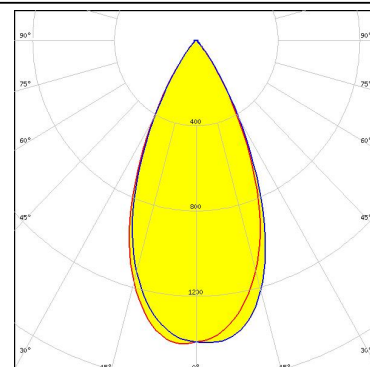
Opto Semiconductors

LED Oslon SSL 150
FWHM 58.0°
Efficiency %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

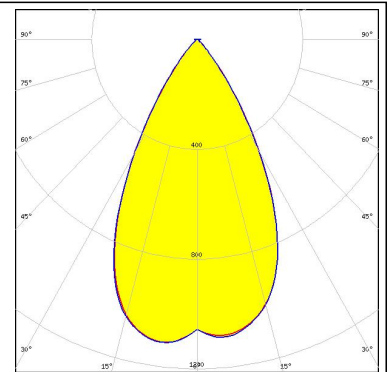
LED SFH 4715AS
FWHM 48.0°
Efficiency 94 %
Peak intensity 1.440 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



PHOTOMETRIC DATA (SIMULATED):

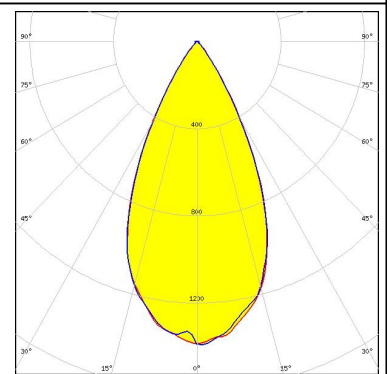
OSRAM Opto Semiconductors

LED SFH 4716AS
FWHM 56.0°
Efficiency 94 %
Peak intensity 1.120 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



OSRAM Opto Semiconductors

LED SFH 4725S
FWHM 51.0°
Efficiency 94 %
Peak intensity 1.400 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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