

TUIJA-3-W

~55° wide beam

TECHNICAL SPECIFICATIONS:

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

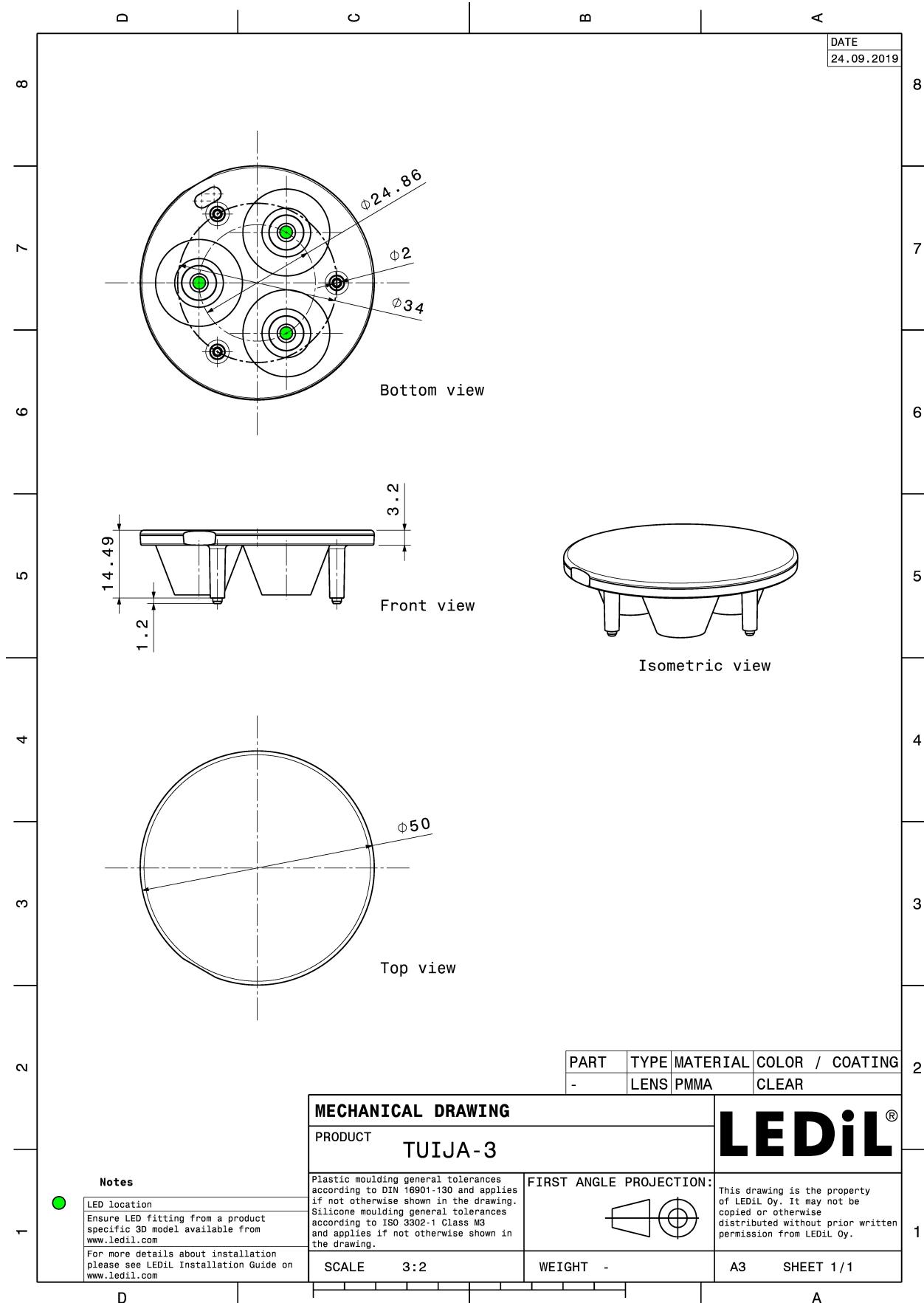


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

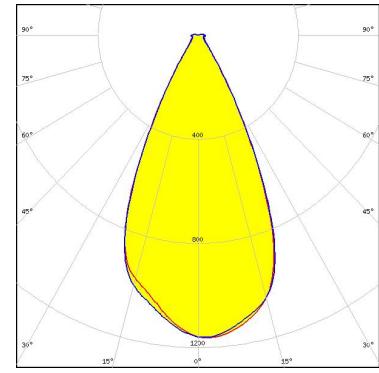
| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|-----|-----|-----------------|
| C11191_TUIJA-3-W | 364 | 112 | 28 | 6.4 |
| » Box size: 480 x 280 x 300 mm | | | | |



PHOTOMETRIC DATA (MEASURED):

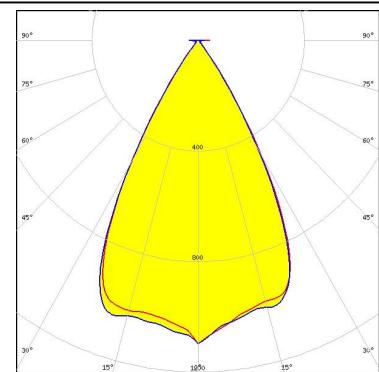
CREE 

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



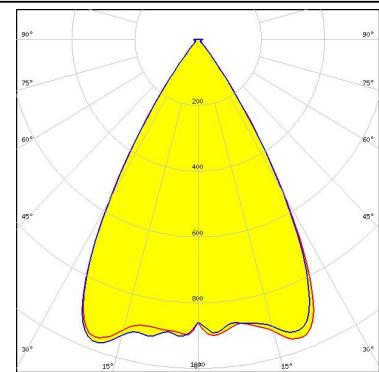
CREE 

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



CREE 

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



CREE 

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

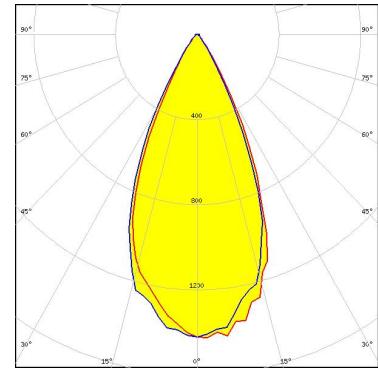
LED LUXEON Rebel ES
FWHM 56.0°
Efficiency 86 %
Peak intensity 0.870 cd/lm
LEDs/each optic 1
Light colour White
Required components:

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):

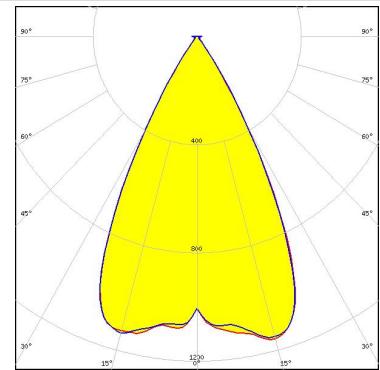
| SEoul SEMICONDUCTOR | |
|----------------------|---------------------|
| LED | Z5 |
| FWHM | 48.0° |
| Efficiency | 88 % |
| Peak intensity | 1.400 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |
| SHARP | |
| LED | Double Dome (GM2BB) |
| FWHM | 58.0° |
| Efficiency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



PHOTOMETRIC DATA (SIMULATED):

CREE

LED XT-E
FWHM 56.0°
Efficiency 93 %
Peak intensity 1.173 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

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

NICHIA

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

OSRAM

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

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED SFH 4715AS

FWHM 48.0°

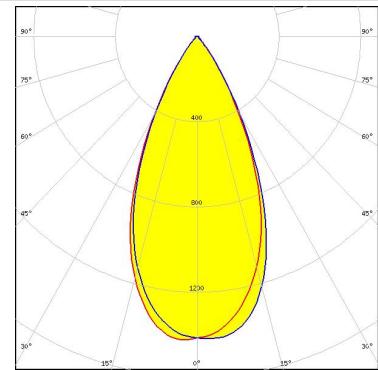
Efficiency 94 %

Peak intensity 1.440 cd/lm

LEDs/each optic 1

Light colour IR

Required components:



OSRAM

Opto Semiconductors

LED SFH 4716AS

FWHM 56.0°

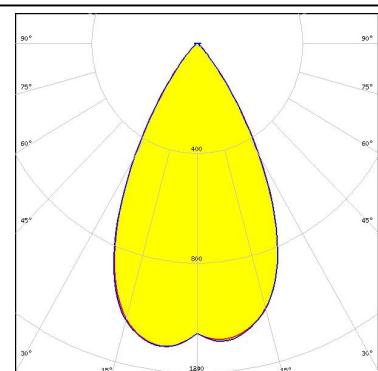
Efficiency 94 %

Peak intensity 1.120 cd/lm

LEDs/each optic 1

Light colour IR

Required components:



OSRAM

Opto Semiconductors

LED SFH 4725S

FWHM 51.0°

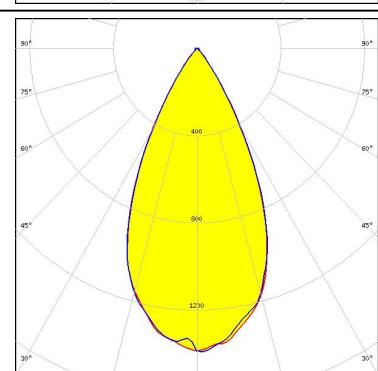
Efficiency 94 %

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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