TUIJA-3-M2

~35° medium beam



TECHNICAL SPECIFICATIONS:

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

MATERIAL SPECIFICATIONS:

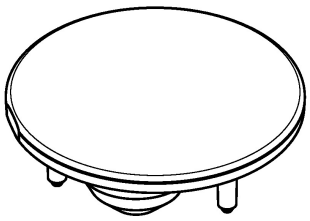
Component	Type	Material	Colour	Finish
TUIJA-3-M2	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

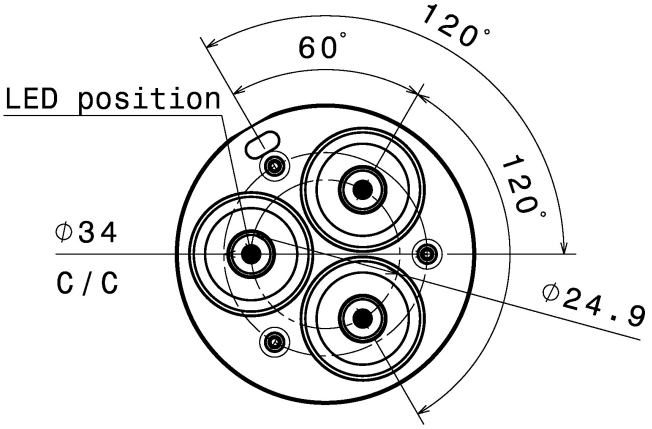
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12150_TUIJA-3-M2 » Box size: 480 x 280 x 300 mm	364	112	28	7.0

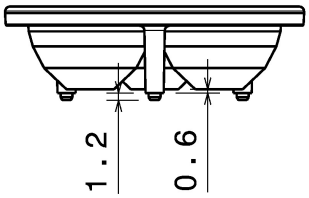
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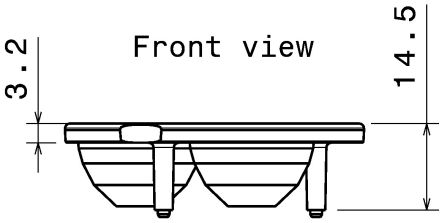
DATE
12.07.2018

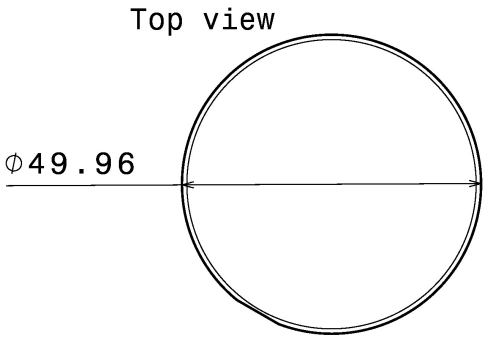


Isometric view
Scale: 1:1









PART	TYPE	MATERIAL	COLOR / COATING
C12150_TUIJA-3-M2	LENS	PMMA	CLEAR

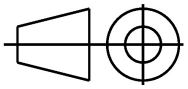
MECHANICAL DRAWING

PRODUCT TUIJA

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:



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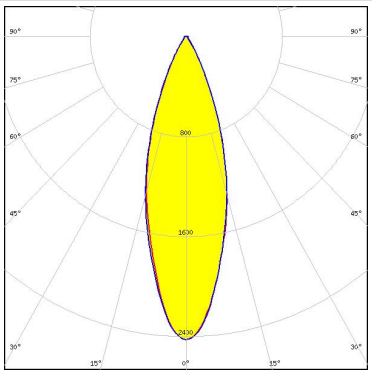
SCALE 1:1 | WEIGHT - | A4 SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XB-D
FWHM	32.0°
Efficiency	94 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





CREE

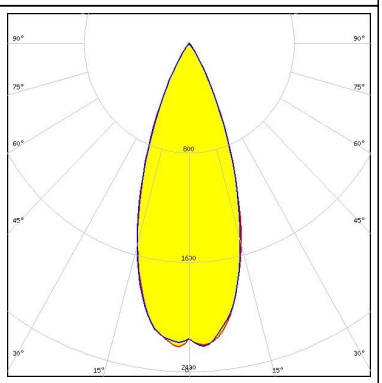
LED	XB-D
FWHM	35.0°
Efficiency	89 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-E
FWHM	34.0°
Efficiency	86 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G
FWHM	34.0°
Efficiency	86 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

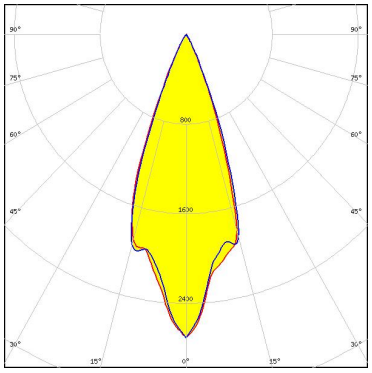
LED	LUXEON Rebel
FWHM	37.0°
Efficiency	89 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LUMILEDS

LED	LUXEON Rebel ES
FWHM	36.0°
Efficiency	93 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

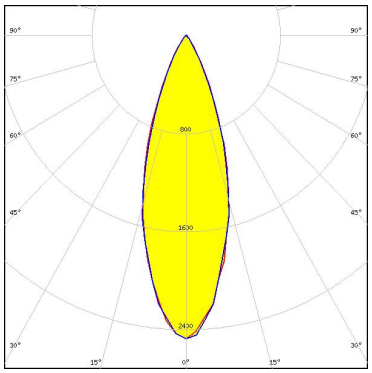
OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	40.0°
Efficiency	87 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5
FWHM	32.0°
Efficiency	92 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON A
FWHM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NCSxx19A
FWHM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSxx19A
FWHM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

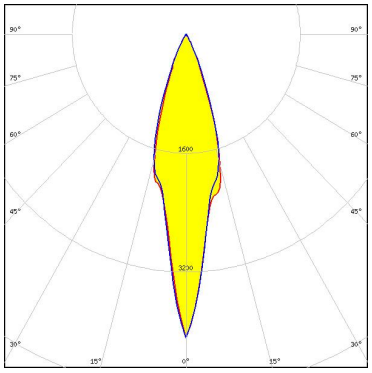
LED	OSLON SSL 150
FWHM	35.0°
Efficiency	%
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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PHOTOMETRIC DATA (SIMULATED):

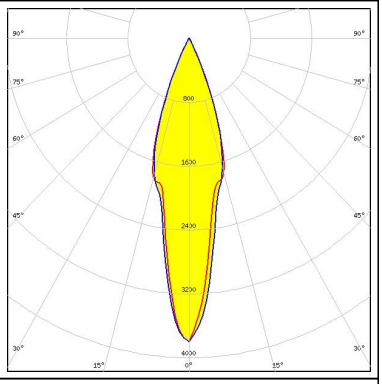
OSRAM
Opto Semiconductors

LED	SFH 4715AS
FWHM	23.0°
Efficiency	94 %
Peak intensity	4.1 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	



OSRAM
Opto Semiconductors

LED	SFH 4716AS
FWHM	25.0°
Efficiency	94 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour	IR
Required components:	



SHARP

LED	Double Dome (GM2BB)
FWHM	35.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

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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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