LAURA-RS-PG

~8° spot beam. Assembly with white holder and location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	glue, pin
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LAURA-RS	Single lens	PMMA		
LAURA-HLD-PIN	Holder	PC		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12631_LAURA-RS-PG » Box size: 480 x 280 x 300 mm	Single lens	1960	294	98	10.9

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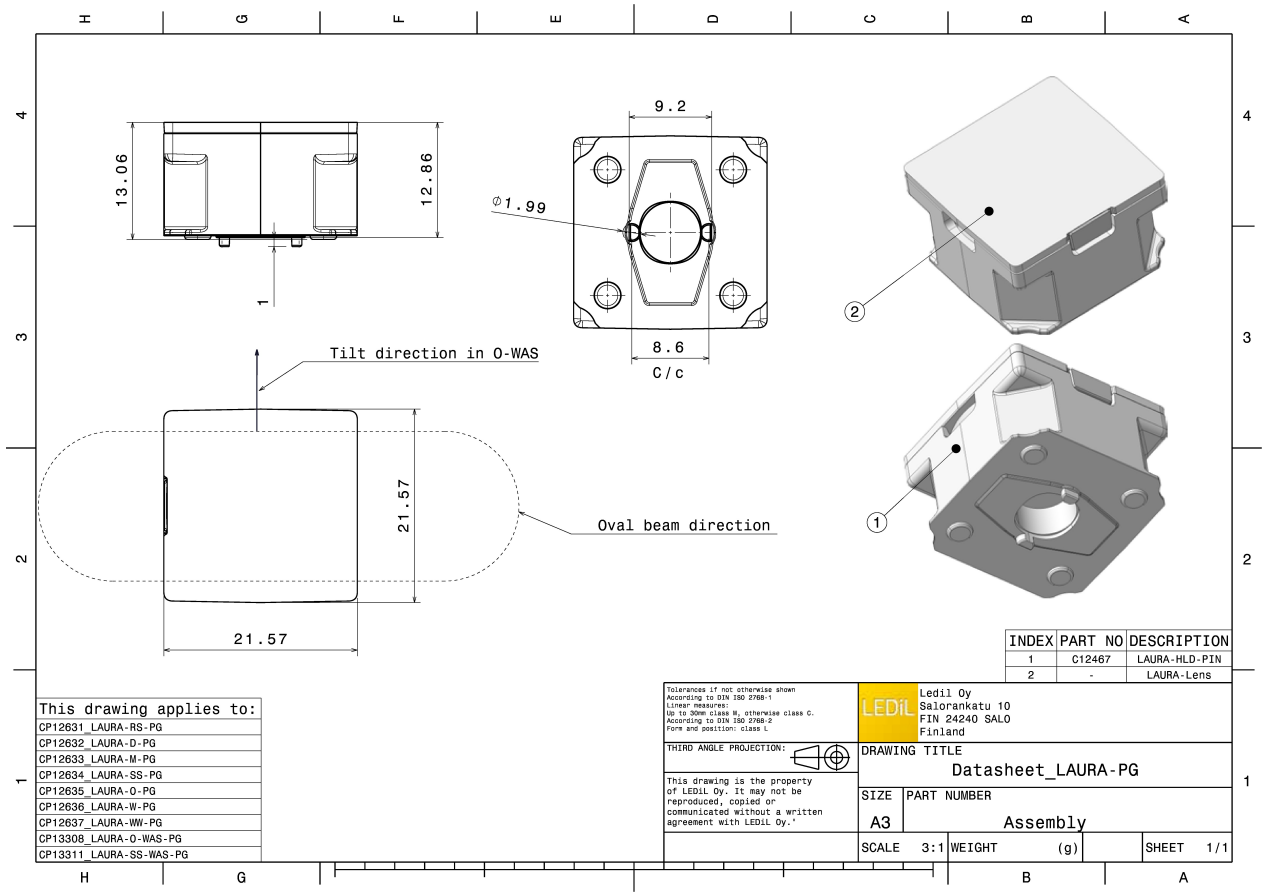

INDEX	PART NO	DESCRIPTION
1	C12467	LAURA-HLD-PIN
2	-	LAURA-Lens

This drawing applies to:
CP12631_LAURA-RS-PG
CP12632_LAURA-D-PG
CP12633_LAURA-M-PG
CP12634_LAURA-SS-PG
CP12635_LAURA-O-PG
CP12636_LAURA-W-PG
CP12637_LAURA-WW-PG
CP13308_LAURA-O-WAS-PG
CP13311_LAURA-SS-WAS-PG

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class B, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
Datasheet_LAURA-PG

SIZE A3 | PART NUMBER Assembly

SCALE 3:1 | WEIGHT (g) | SHEET 1/1

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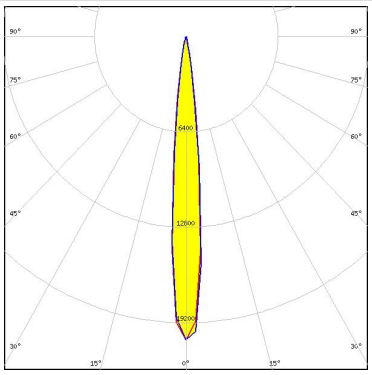
PHOTOMETRIC DATA (MEASURED):

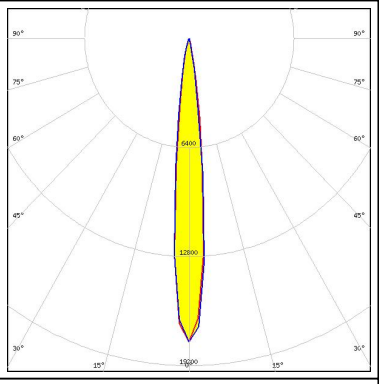
CREE

LED	XP-G
FWHM	10.0°
Efficiency	92 %
Peak intensity	20.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON A
FWHM	11.0°
Efficiency	93 %
Peak intensity	17.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

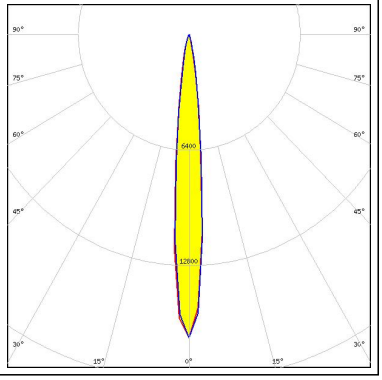


LUMILEDS

LED	LUXEON Rebel
FWHM	7.0°
Efficiency	93 %
Peak intensity	34.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSxx19A
FWHM	10.0°
Efficiency	92 %
Peak intensity	16.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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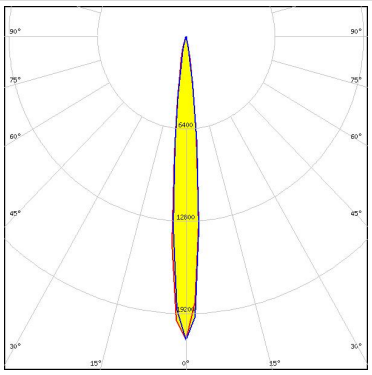
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM	9.0°
Efficiency	91 %
Peak intensity	21.000 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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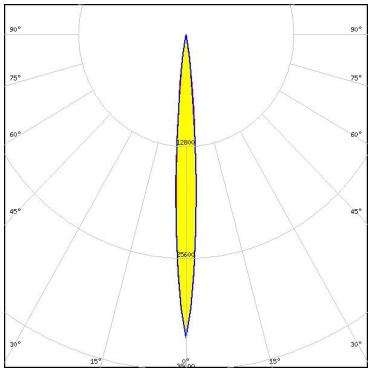
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-E
FWHM	8.0°
Efficiency	95 %
Peak intensity	34.668 cd/lm
LEDs/each optic	1
Light colour	White

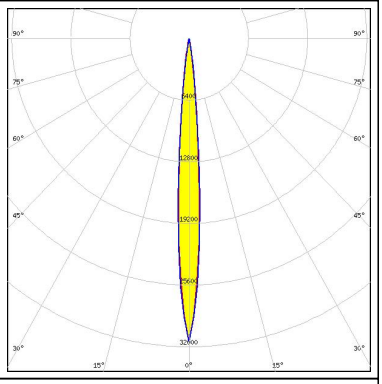
Required components:



NICHIA

LED	NCSxx19A
FWHM	8.0°
Efficiency	94 %
Peak intensity	31.499 cd/lm
LEDs/each optic	1
Light colour	White

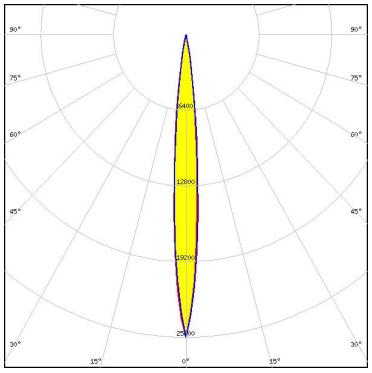
Required components:



OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	9.0°
Efficiency	96 %
Peak intensity	25.647 cd/lm
LEDs/each optic	1
Light colour	White

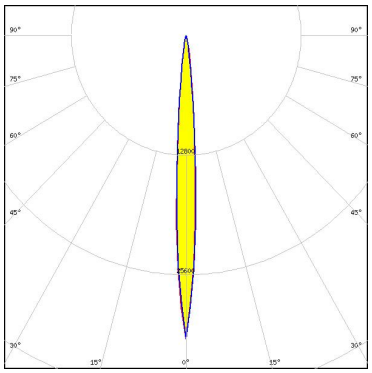
Required components:



OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM	8.0°
Efficiency	95 %
Peak intensity	32.453 cd/lm
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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