LAURA-M-PG

~30° medium beam. Assembly with white holder and location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13.1 mm
Fastening	glue, pin
Colour	white
Box size	476 x 273 x 292 mm
Box weight	11.5 kg
Quantity in Box	1960 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LAURA-M	Single lens	PMMA	clear
LAURA-HLD-PIN	Holder	PC	white

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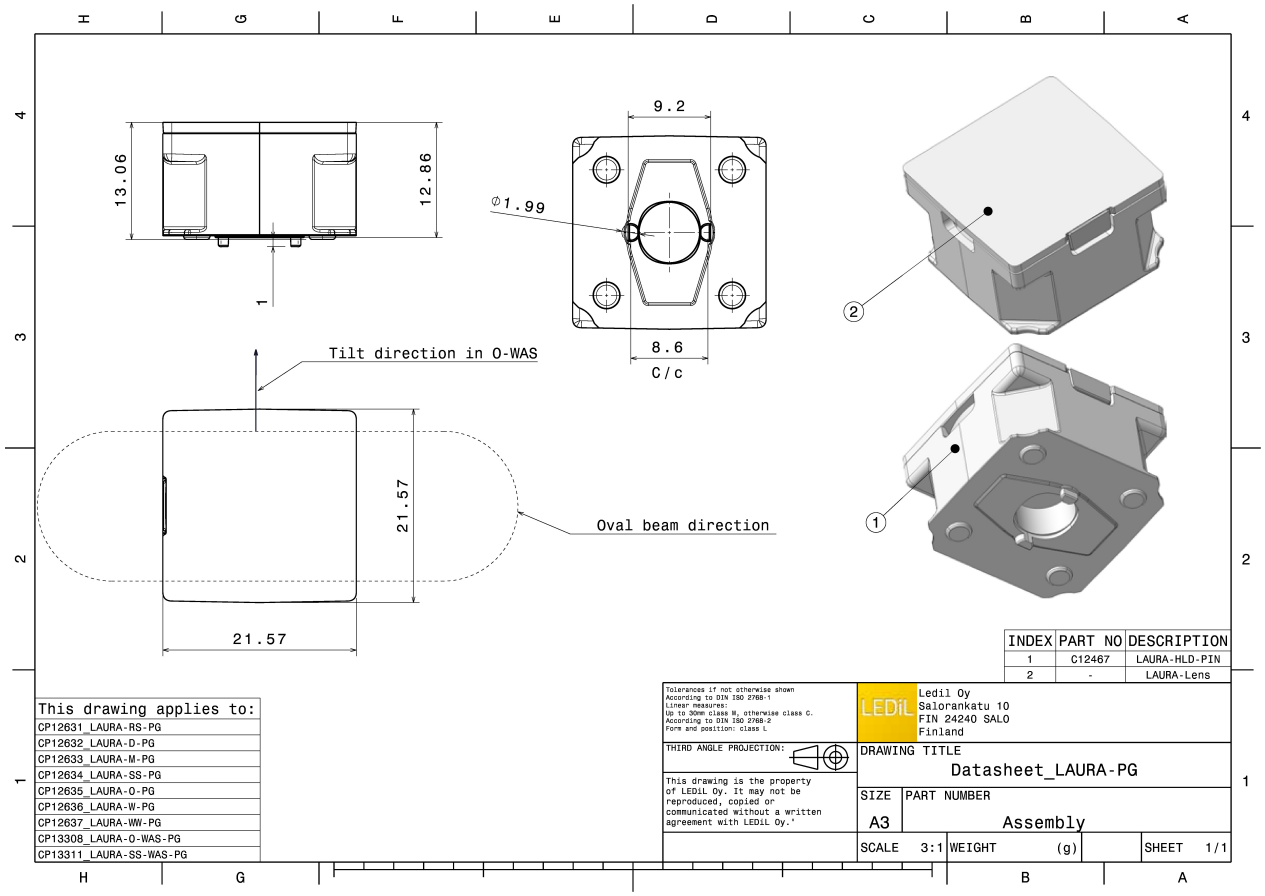

INDEX	PART NO	DESCRIPTION
1	C12467	LAURA-HLD-PIN
2	-	LAURA-Lens

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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DRAWING TITLE
Datasheet_LAURA-PG

SIZE A3 | PART NUMBER Assembly

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

PHOTOMETRIC DATA (MEASURED):

CREE

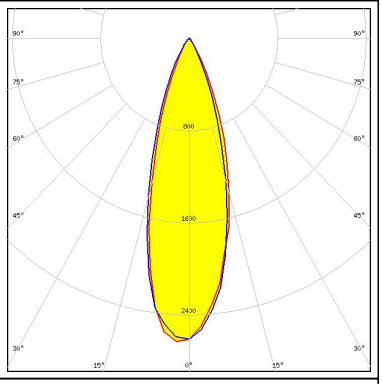
LED	XP-E-HEW
FWHM	27.0°
Efficiency	85 %
Peak intensity	2.600 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE

LED	XP-G
FWHM	32.0°
Efficiency	91 %
Peak intensity	2.600 cd/lm
LEDs/each optic	1
Light colour	White

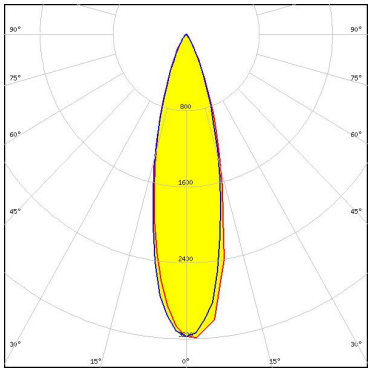
Required components:



CREE

LED	XT-E
FWHM	29.0°
Efficiency	92 %
Peak intensity	3.200 cd/lm
LEDs/each optic	1
Light colour	White

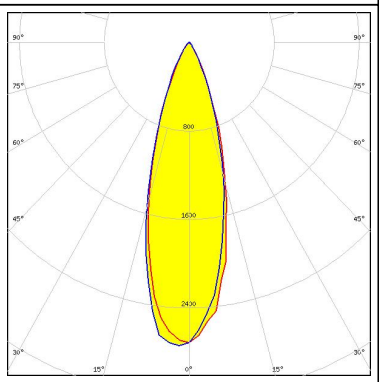
Required components:



LUMILEDS

LED	LUXEON A
FWHM	30.0°
Efficiency	93 %
Peak intensity	2.700 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



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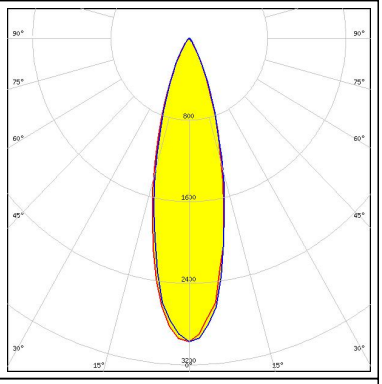
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM	27.0°
Efficiency	88 %
Peak intensity	2.900 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

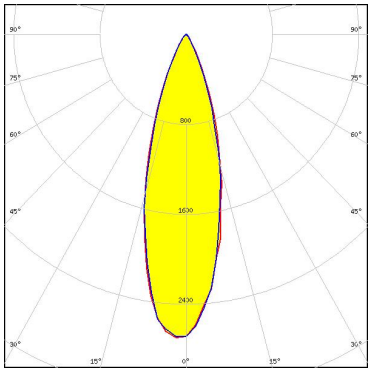
NICHIA

LED	NVSxx19A
FWHM	28.0°
Efficiency	91 %
Peak intensity	3.000 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	28.0°
Efficiency	90 %
Peak intensity	2.700 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:

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