LAURA-WW-PIN

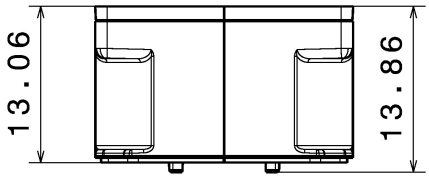
~65° wide beam optimized for CREE XP-E. Assembly with white holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

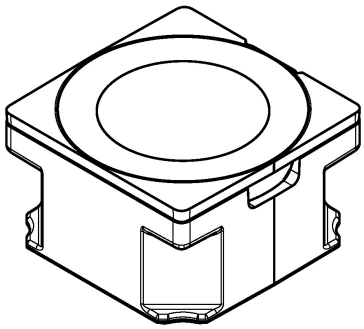
Dimensions	21.6 mm
Height	13.1 mm
Fastening	tape, pin
Colour	white
Box size	
Box weight	7.7 kg
Quantity in Box	1440 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

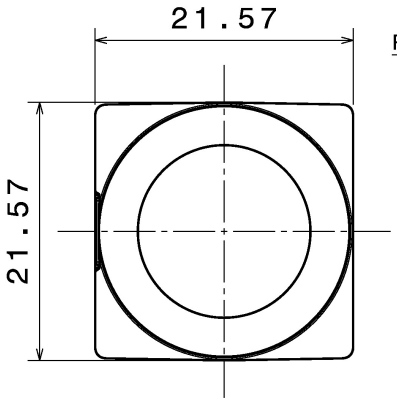
Component	Type	Material	Colour
LAURA-WW	Single lens	PMMA	
LAURA-PIN-XP-HLD-WHT	Holder	PC	white
ROSE-TAPE	Tape	PU tape	black



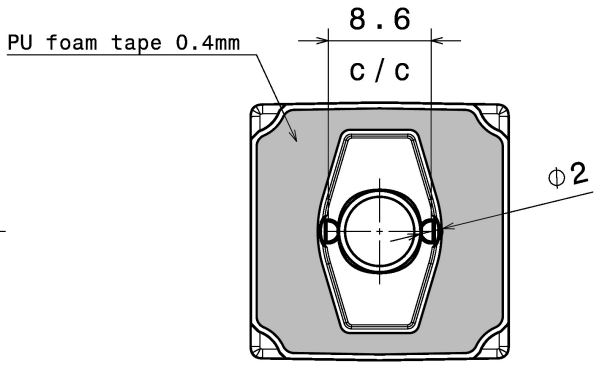
Front view



Isometric view
Scale: 2:1



Top view



Bottom

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	Laura-mech	PMMA	
3	C11835	LAURA-PIN-XP-HLD-WHT	PC	white

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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
LAURA-XP-PIN-WHT assembly

SIZE A4 | PART NUMBER -

SCALE 2:1 | WEIGHT 9 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XB-D
FWHM	48.0°
Efficiency	86 %
Peak intensity	0.900 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE

LED	XP-E
FWHM	66.0°
Efficiency	86 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE

LED	XP-G
FWHM	68.0°
Efficiency	86 %
Peak intensity	0.640 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

LUMILEDS

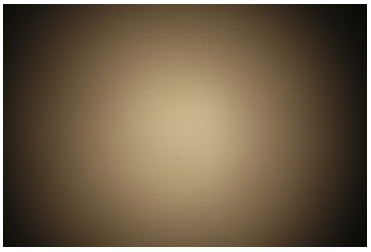
LED	LUXEON Rebel
FWHM	56.0°
Efficiency	%
Peak intensity	1.000 cd/lm
LEDs/each optic	1
Light colour	White

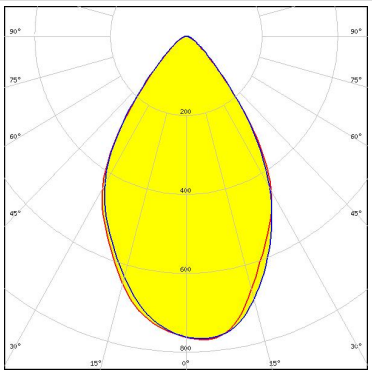
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

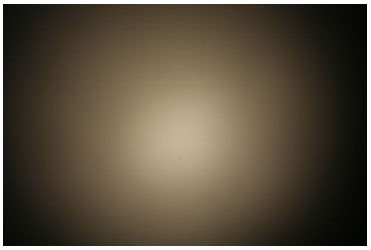
LED	LUXEON T
FWHM	65.0°
Efficiency	87 %
Peak intensity	0.800 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

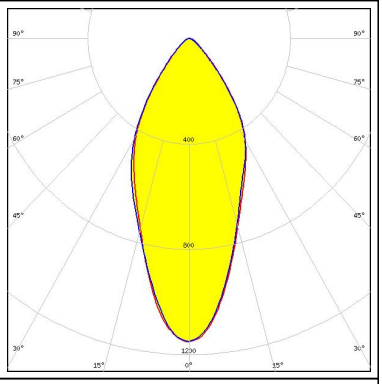




LUMILEDS

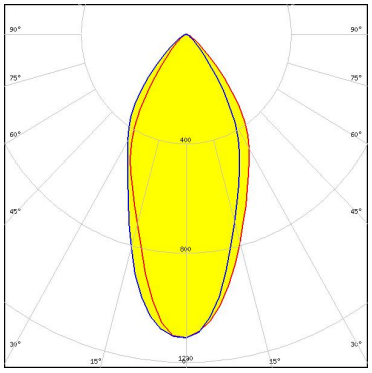
LED	LUXEON Z ES
FWHM	44.0°
Efficiency	91 %
Peak intensity	1.150 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





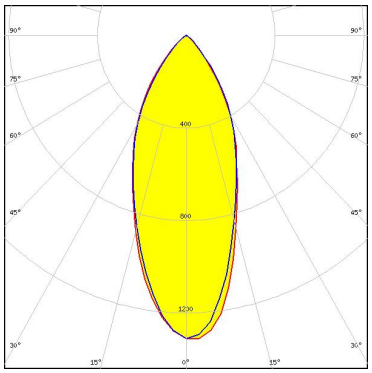
NICHIA

LED	NCSxx19B
FWHM	49.0°
Efficiency	88 %
Peak intensity	1.100 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NF2x757D
FWHM	42.0°
Efficiency	88 %
Peak intensity	1.300 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

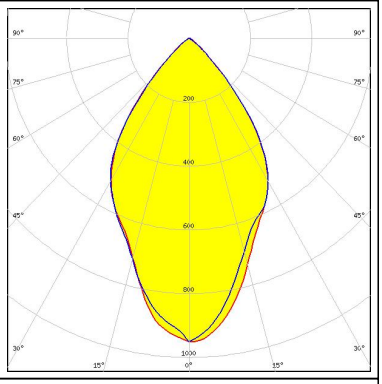
LED	LUXEON H50-2
FWHM	83.0°
Efficiency	93 %
Peak intensity	0.600 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	64.0°
Efficiency	96 %
Peak intensity	0.960 cd/lm
LEDs/each optic	1
Light colour	White

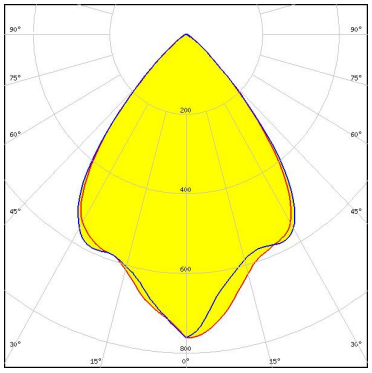
Required components:



OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM	76.0°
Efficiency	96 %
Peak intensity	0.770 cd/lm
LEDs/each optic	1
Light colour	White

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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