LUCIA-D

~7° diffused spot beam



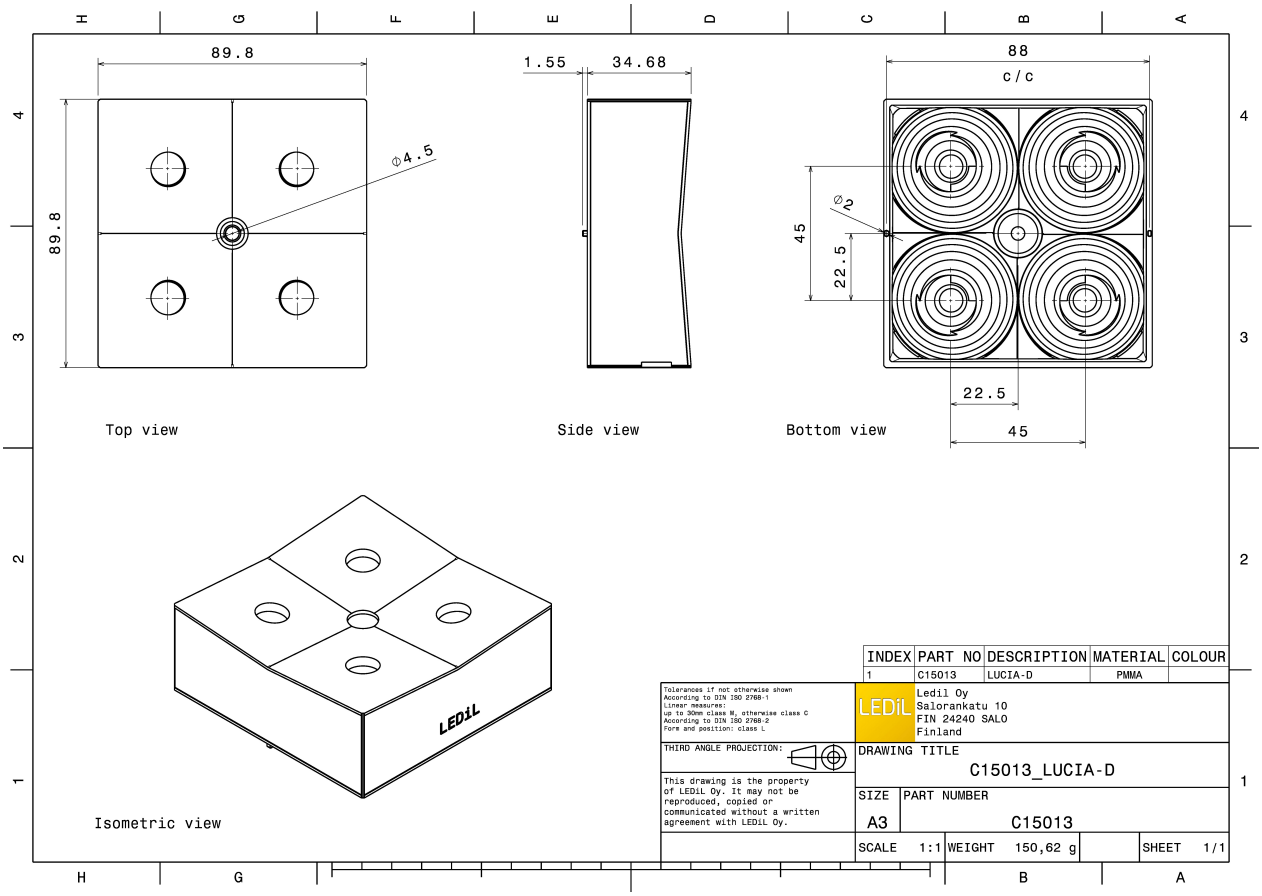
TECHNICAL SPECIFICATIONS:

Dimensions	89.8 mm
Height	34.7 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	11 kg
Quantity in Box	64 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LUCIA-D	Lens	PMMA	clear

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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C15013	LUCIA-D	PMMA	

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
C15013_LUCIA-D

SIZE A3 | PART NUMBER C15013

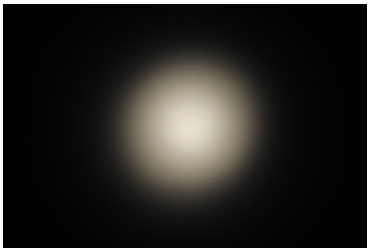
SCALE 1:1 | WEIGHT 150,62 g | SHEET 1/1

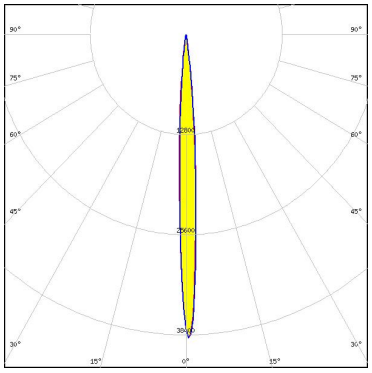
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PHOTOMETRIC DATA (MEASURED):

CREE

LED	XP-G2
FWHM	7.0°
Efficiency	88 %
Peak intensity	37.500 cd/lm
Required components:	

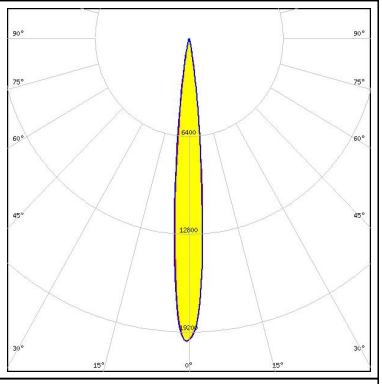




LUMILEDS

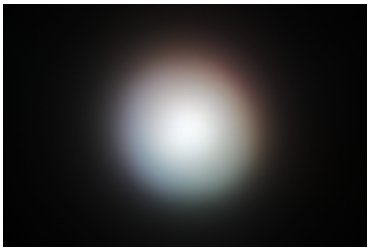
LED	LUXEON M/MX
FWHM	11.0°
Efficiency	94 %
Peak intensity	19.900 cd/lm
Required components:	

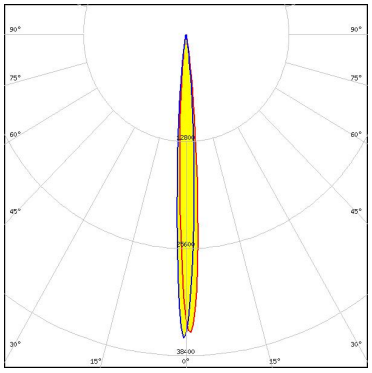




LUMILEDS

LED	LUXEON Z RGB
FWHM	7.0°
Efficiency	88 %
Peak intensity	38.200 cd/lm
Required components:	





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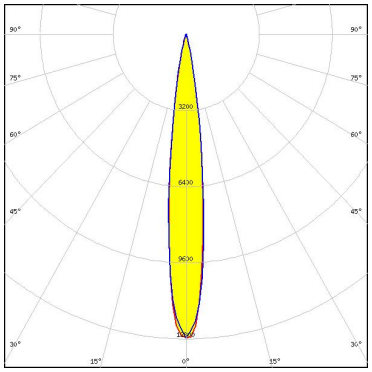
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XHP50
FWHM	13.0°
Efficiency	94 %
Peak intensity	14.170 cd/lm
Required components:	

CREE

LED	XHP50.2
FWHM	13.0°
Efficiency	94 %
Peak intensity	12.760 cd/lm
Required components:	



CREE

LED	XHP70
FWHM	18.0°
Efficiency	91 %
Peak intensity	8.220 cd/lm
Required components:	

CREE

LED	XP-E2
FWHM	7.0°
Efficiency	96 %
Peak intensity	41.668 cd/lm
Required components:	

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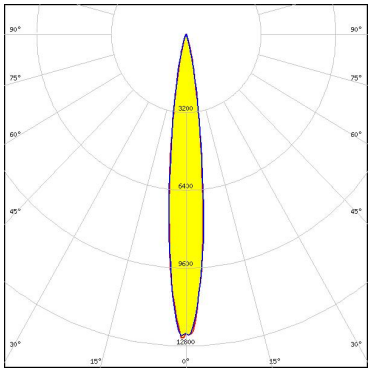
PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON MZ
FWHM	10.0°
Efficiency	95 %
Peak intensity	23.730 cd/lm
Required components:	

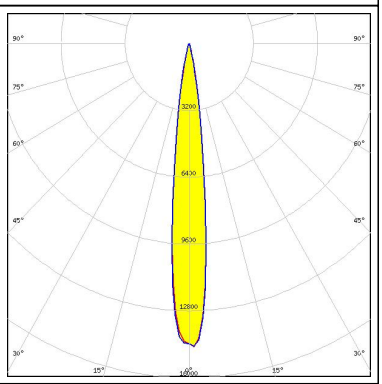
OSRAM
Opto Semiconductors

LED	Duris S10
FWHM	13.0°
Efficiency	94 %
Peak intensity	13.000 cd/lm
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	13.0°
Efficiency	94 %
Peak intensity	14.600 cd/lm
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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