LISA-SS

~20° smooth spot beam optimized for CREE XP-E



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10.8 mm
Height	7.3 mm
Fastening	glue
ROHS compliant	yes

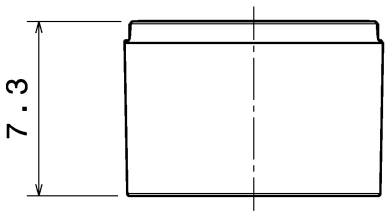
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LISA-R1-SS	Single lens	PMMA	clear	
LISA-XP-HLD	Holder	PC	white	

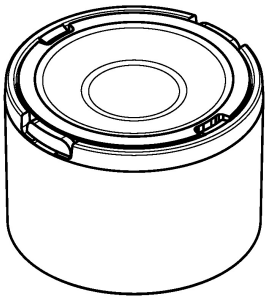
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10641_LISA-SS » Box size: 254 x 298 x 241 mm	Single lens	10000	300	100	6.6

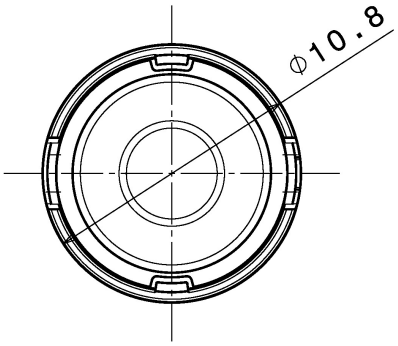
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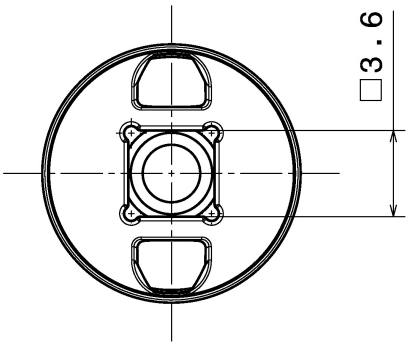
Front view



Isometric view
Scale: 4:1



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10523	LISA-R1-SS	PMMA	clear
	C10640	LISA-XP-HLD	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
CP10641_LISA-SS

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SIZE A4

PART NUMBER
CP10641

SCALE 4:1 | WEIGHT 0,5 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

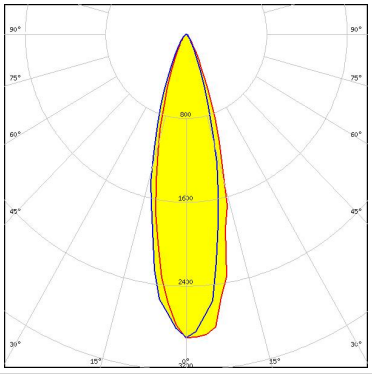
LED	XP-E
FWHM	22.0°
Efficiency	86 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE

LED	XP-G
FWHM	30.0°
Efficiency	87 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White

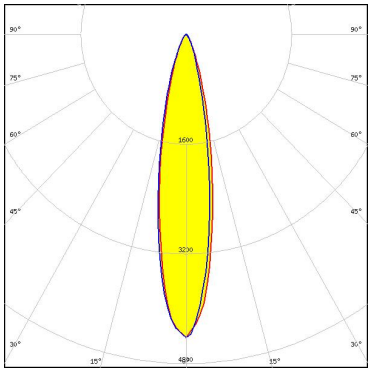
Required components:



PHOTOMETRIC DATA (SIMULATED):

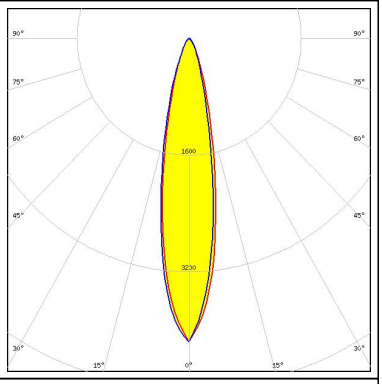
OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	21.0°
Efficiency	94 %
Peak intensity	4.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S5 (Single chip)
FWHM	20.7°
Efficiency	93 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5
FWHM	19.0°
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:

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