G2-LXP2-D

~14° diffused spot beam with light, black holder. Assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes

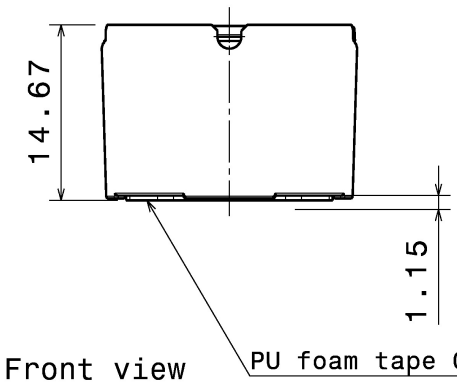
MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-D	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

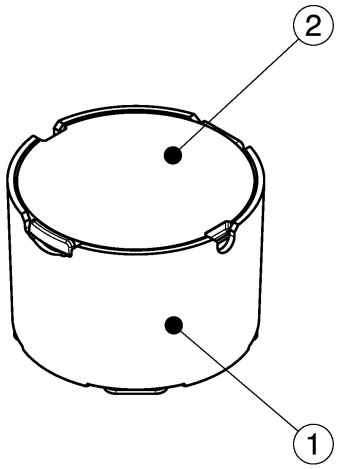
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14508_G2-LXP2-D » Box size: 480 x 280 x 300 mm	Single lens	1680	0	112	0.0

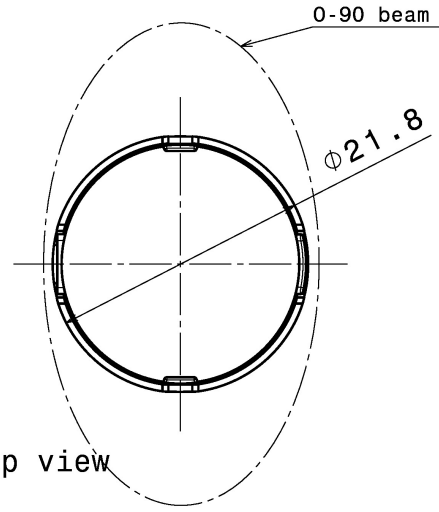
Applies to:
CA14504
CA14506
CA14508
CA14510
CA14512



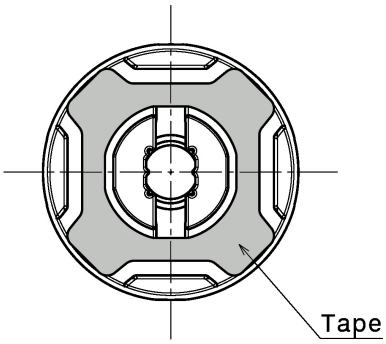
Front view



Isometric view



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14444	LXP2-LT-HLD	PC	black
2	-	LXP2-series_mech lens	PMMA	clear

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
LEILA-G2-LXP2

SIZE A4 | PART NUMBER -

SCALE 2:1 | WEIGHT 4,0 g | SHEET 1/1

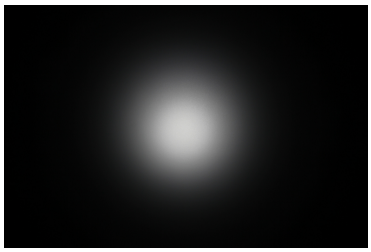
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XP-E
FWHM / FWTM	9.7° / 22.0°
Efficiency	88 %
Peak intensity	19.9 cd/lm
LEDs/each optic	1
Light colour	White

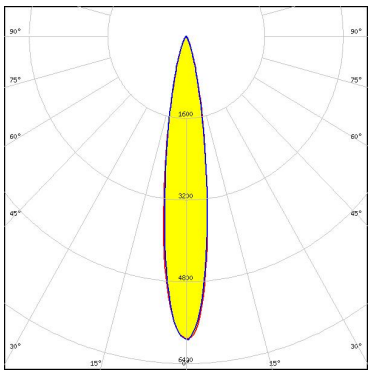
Required components:



CREE LEDs

LED	XP-L HD
FWHM / FWTM	17.0° / 36.0°
Efficiency	83 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour	White

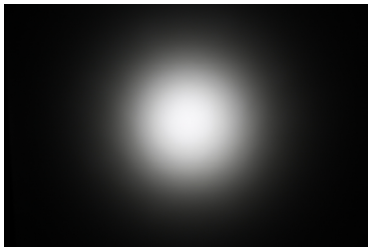
Required components:

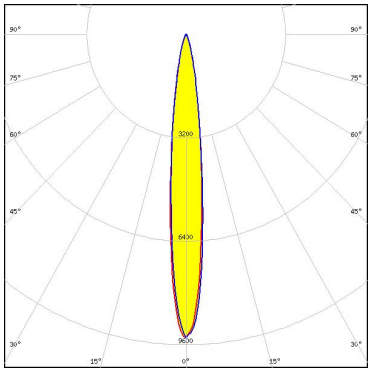


CREE LEDs

LED	XP-L HI
FWHM / FWTM	12.0° / 29.0°
Efficiency	85 %
Peak intensity	9.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

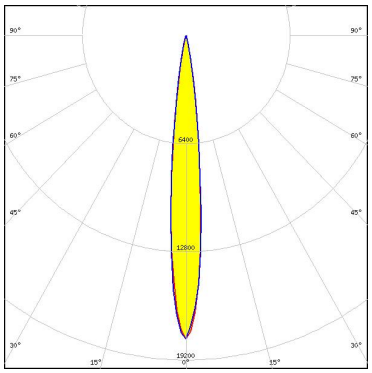




OPTICAL RESULTS (SIMULATED):

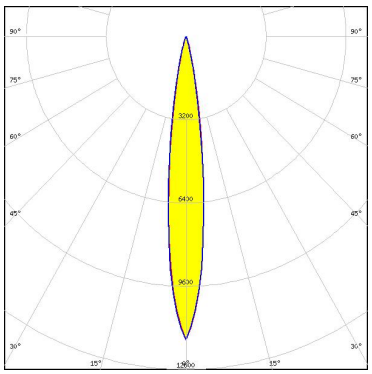
CREE LEDs

LED	XP-G2
FWHM / FWTM	11.0° / 22.0°
Efficiency	93 %
Peak intensity	18 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



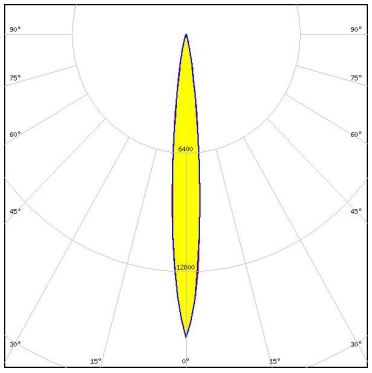
CREE LEDs

LED	XP-G2 HE
FWHM / FWTM	14.0° / 28.0°
Efficiency	91 %
Peak intensity	11.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



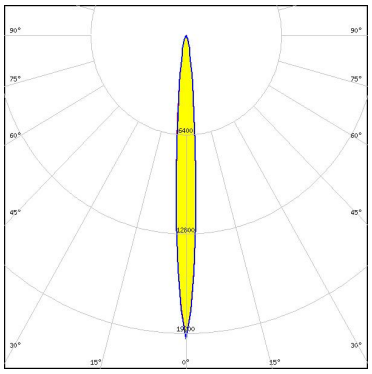
CREE LEDs

LED	XT-E
FWHM / FWTM	11.0° / 23.0°
Efficiency	90 %
Peak intensity	16.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

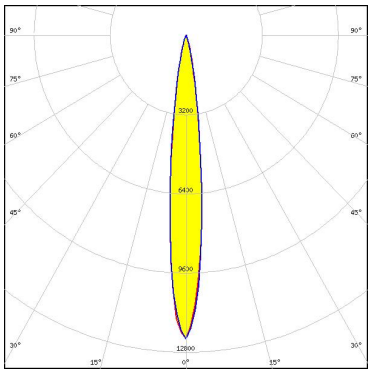
LED	NVSxE21A
FWHM / FWTM	8.0° / 20.0°
Efficiency	89 %
Peak intensity	19.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

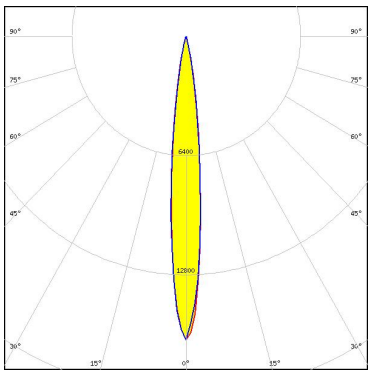
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	12.0° / 26.0°
Efficiency	88 %
Peak intensity	12.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



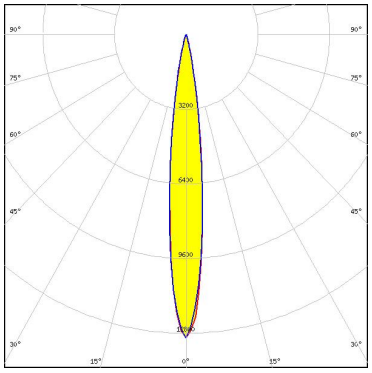
SAMSUNG

LED	LH351A
FWHM / FWTM	11.0° / 23.0°
Efficiency	91 %
Peak intensity	16.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



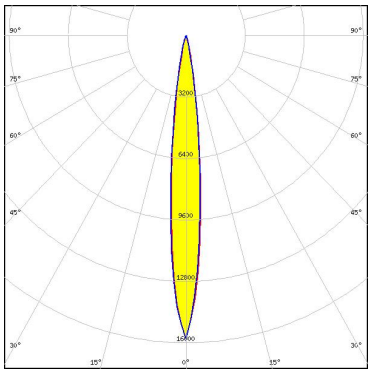
SAMSUNG

LED	LH351B
FWHM / FWTM	12.0° / 25.0°
Efficiency	90 %
Peak intensity	13 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

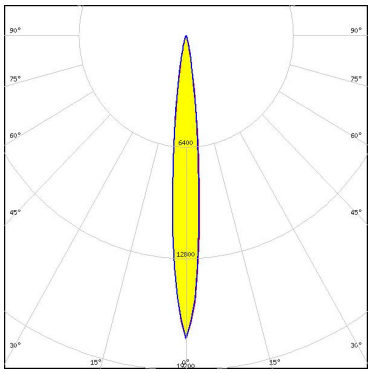
LED	Z5M1/Z5M2
FWHM / FWTM	12.0° / 24.0°
Efficiency	93 %
Peak intensity	15.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5P
FWHM / FWTM	10.0° / 22.0°
Efficiency	92 %
Peak intensity	17.4 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:

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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