MINNIE-LT-W-PIN

~35° wide beam. Assembly with location pins and installation tape.

SPECIFICATION:

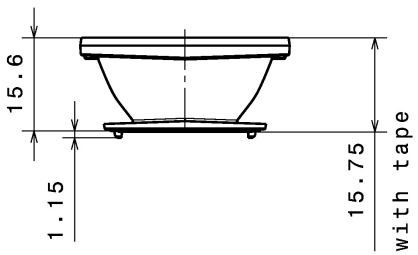
Dimensions	Ø 35.0 mm
Height	15.6 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

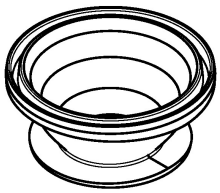
Component	Type	Material	Colour	Finish
MINNIE-LT-W-PIN	Reflector	PC	metal	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

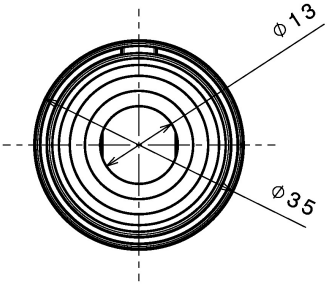
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14942_MINNIE-LT-W-PIN » Box size: 480 x 280 x 300 mm	Reflector	720	90	45	3.6



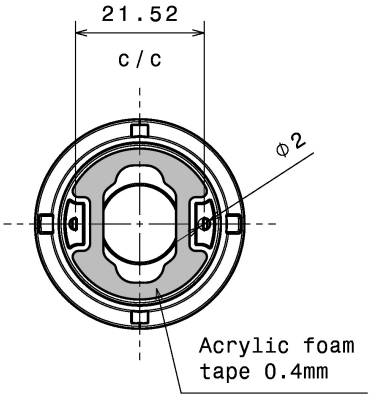
Front view



Isometric view



Top view



Bottom view

INDEX	DESCRIPTION	MATERIAL	COLOUR
1	MINNIE-LT-PIN_MechModel	PC	metal

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
MINNIE-LT-PIN-Tape_MechModel

SIZE	PART NUMBER
A4	-

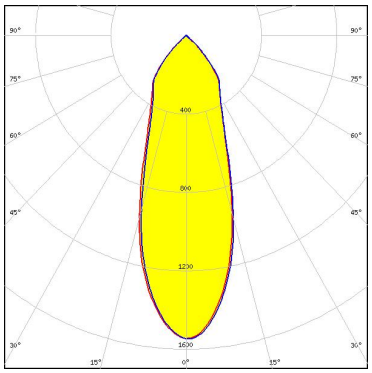
SCALE	WEIGHT		SHEET
1:1	-		1/1

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

OPTICAL RESULTS (MEASURED):

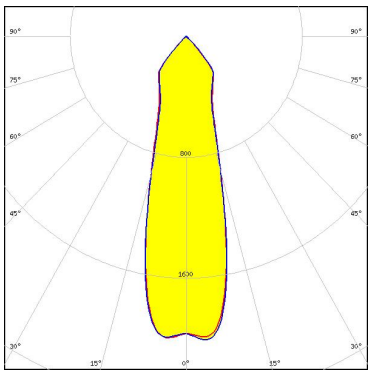
CREE LED

LED	XHP70.2
FWHM / FWTM	35.0° / 87.0°
Efficiency	91 %
Peak intensity	1.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



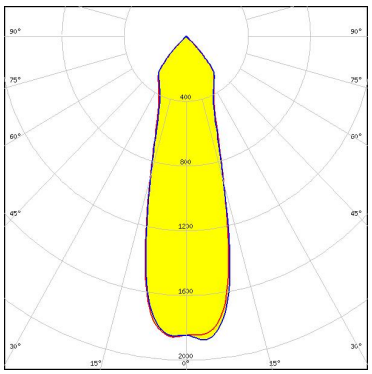
LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	29.0° / 84.0°
Efficiency	93 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	30.0° / 84.0°
Efficiency	91 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



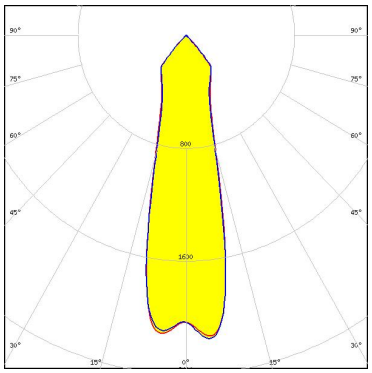
LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	30.0° / 90.0°
Efficiency	93 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

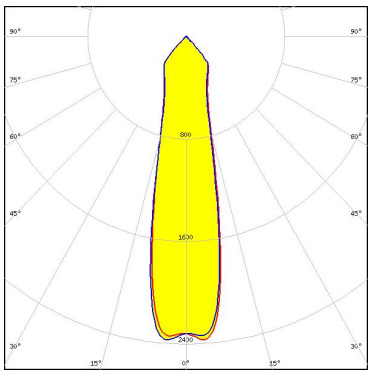
LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	27.0° / 83.0°
Efficiency	93 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



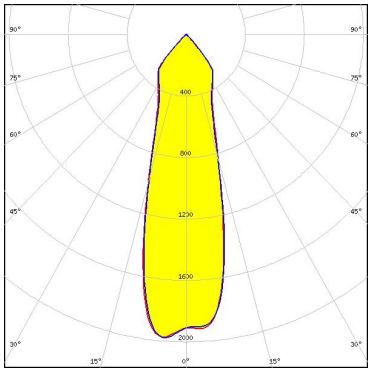
LUMILEDS

LED	LUXEON V
FWHM / FWTM	24.0° / 83.0°
Efficiency	92 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



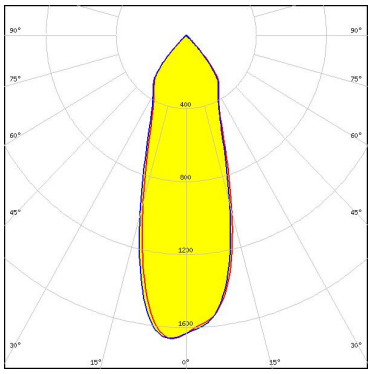
NICHIA

LED	NFMW48xA
FWHM / FWTM	29.0° / 83.0°
Efficiency	92 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	34.0° / 84.0°
Efficiency	91 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

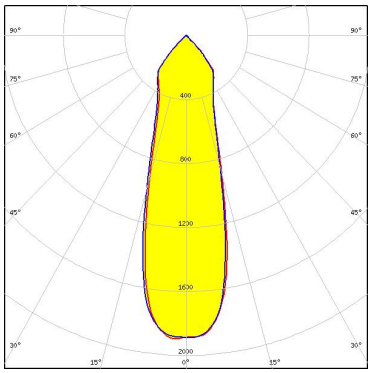


OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	29.0° / 84.0°
Efficiency	92 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White

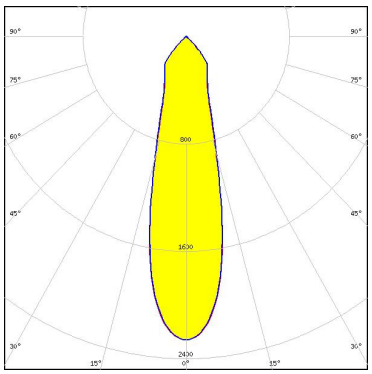
Required components:



SEOUL SEMICONDUCTOR

LED	WICOP 5050
FWHM / FWTM	27.0° / 81.0°
Efficiency	91 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

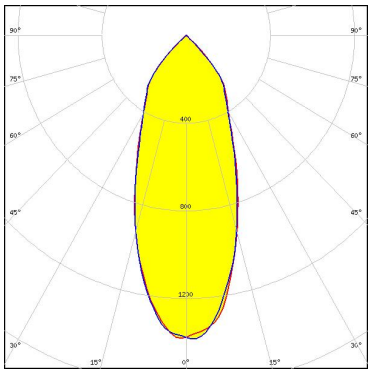
Required components:



OPTICAL RESULTS (SIMULATED):

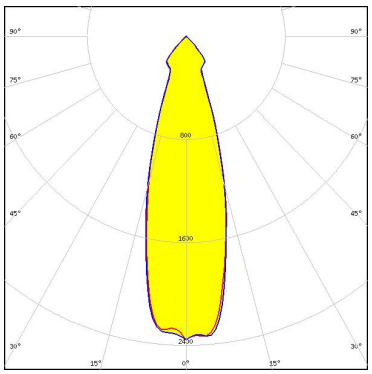
CREE LED

LED	MK-R
FWHM / FWTM	40.0° / 89.0°
Efficiency	93 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



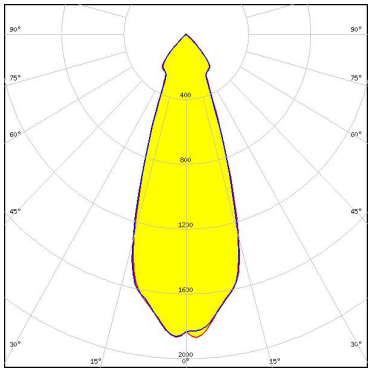
CREE LED

LED	XHP50.3 HD
FWHM / FWTM	30.0° / 79.0°
Efficiency	94 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



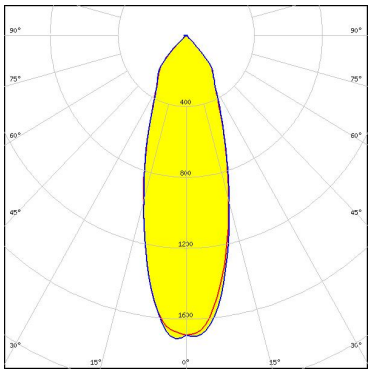
CREE LED

LED	XHP70.3 HD
FWHM / FWTM	36.0° / 84.0°
Efficiency	94 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

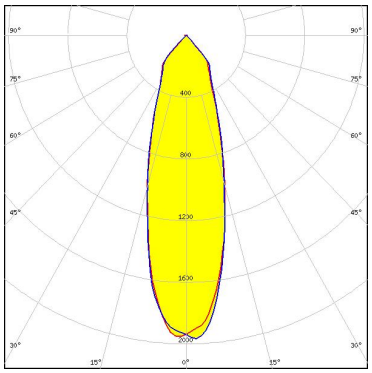
LED	XP-G3
FWHM / FWTM	34.0° / 85.0°
Efficiency	90 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

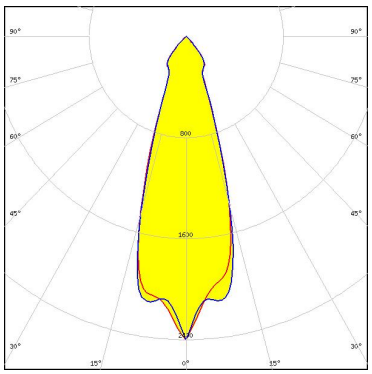
CREE LED

LED	XT-E
FWHM / FWTM	30.0° / 83.0°
Efficiency	90 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	32.0° / 75.0 + 74.0°
Efficiency	96 %
Peak intensity	2.4 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:

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