MINNIE-LT-M-PIN

~25° medium beam. Assembly with location pins and installation tape.

SPECIFICATION:

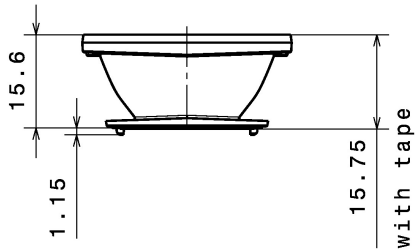
Dimensions	Ø 35.0
Height	15.6 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

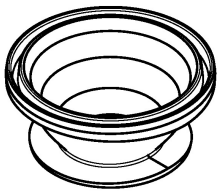
Component	Type	Material	Colour	Finish	Length (mm)
MINNIE-LT-M-PIN	Reflector	PC	metal		
SPUTNIK-TAPE3	Tape	Acrylic foam	black		

ORDERING INFORMATION:

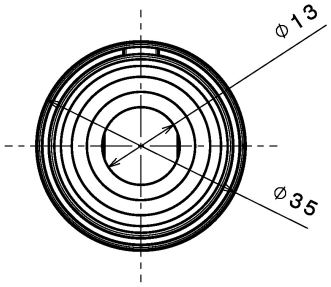
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14941_MINNIE-LT-M-PIN » Box size: 480 x 280 x 300 mm	Reflector	720	90	45	3.9



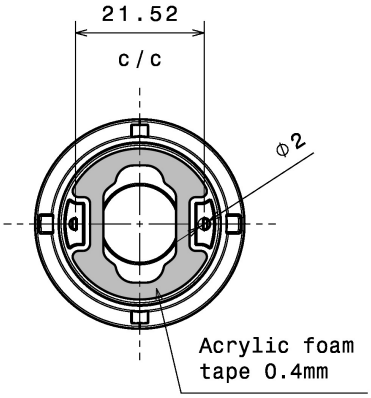
Front view



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 A4

PART NUMBER -

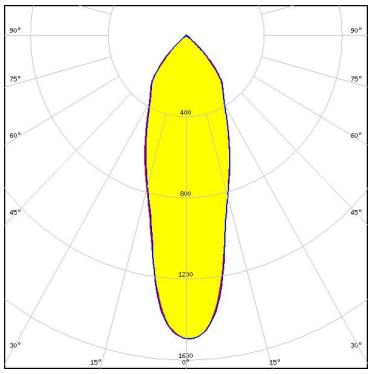
SCALE 1:1 | WEIGHT - | SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

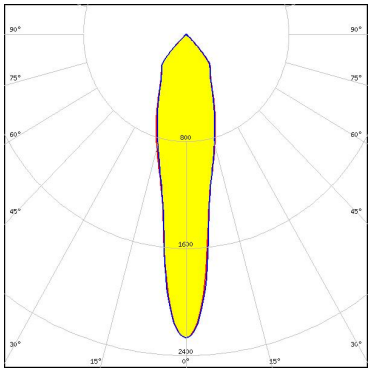
LED	XHP70.2
FWHM / FWTM	33.0° / 90.0°
Efficiency	91 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	20.0° / 84.0°
Efficiency	93 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

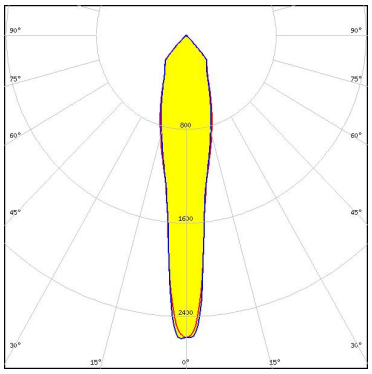
LED	LUXEON M/MX
FWHM / FWTM	23.0° / 90.0°
Efficiency	92 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (MEASURED):

LUMILEDS

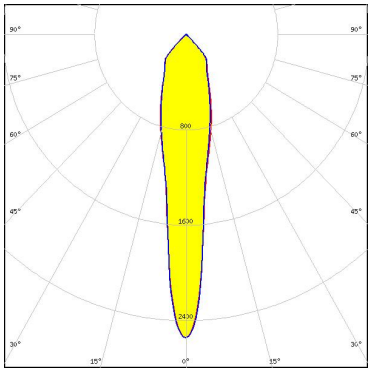
LED	LUXEON MZ
FWHM / FWTM	16.0° / 83.0°
Efficiency	92 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

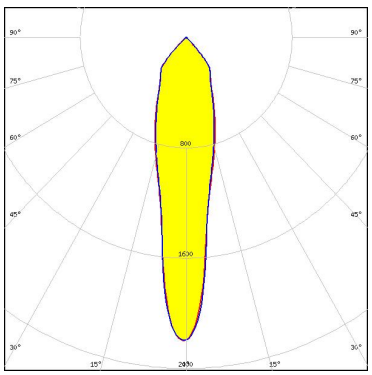
LED	LUXEON V
FWHM / FWTM	16.0° / 84.0°
Efficiency	92 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NFMW48xA
FWHM / FWTM	20.0° / 84.0°
Efficiency	91 %
Peak intensity	2.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

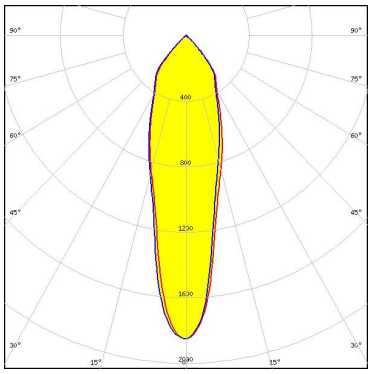


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

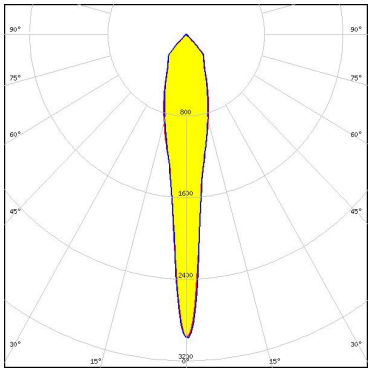
LED	Duris S10
FWHM / FWTM	26.0° / 85.0°
Efficiency	91 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

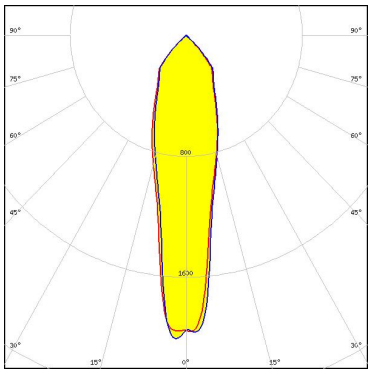
LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	12.0° / 75.0°
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	23.0° / 85.0°
Efficiency	91 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

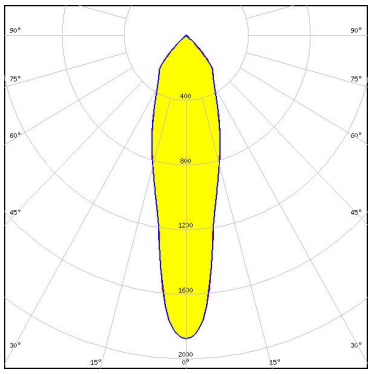


Light distribution files

OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR

LED	WICOP 5050
FWHM / FWTM	25.0° / 87.0°
Efficiency	90 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

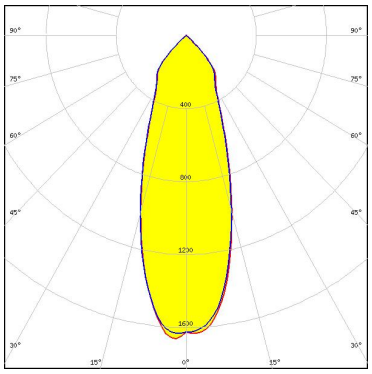


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

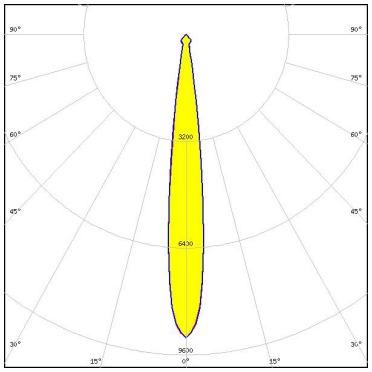
LED	MK-R
FWHM / FWTM	35.0° / 88.0°
Efficiency	93 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

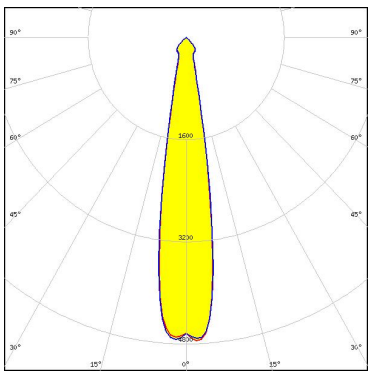
LED	XHP50.3 HD
FWHM / FWTM	12.0° / 24.0°
Efficiency	94 %
Peak intensity	9.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP70.3 HD
FWHM / FWTM	18.0° / 34.0°
Efficiency	94 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

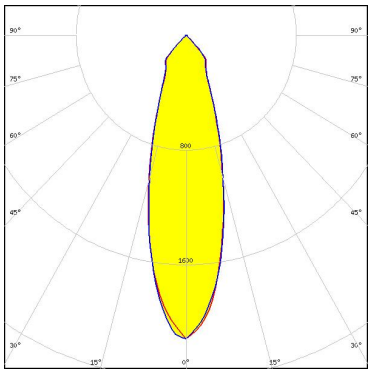


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

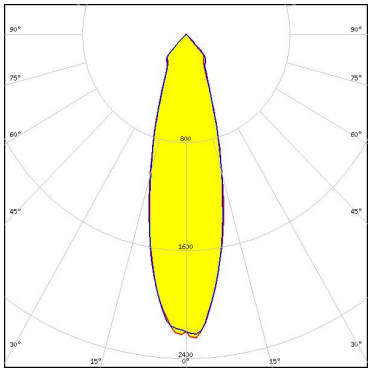
LED	XP-G3
FWHM / FWTM	30.0° / 82.0°
Efficiency	90 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

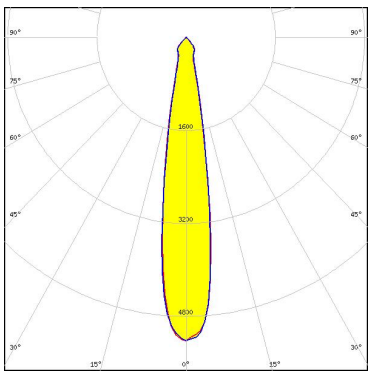
LED	XT-E
FWHM / FWTM	29.0° / 79.0°
Efficiency	90 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	18.0° / 35.0 + 36.0°
Efficiency	96 %
Peak intensity	5.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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LEDiL Oy
Joensuunkatu 7
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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