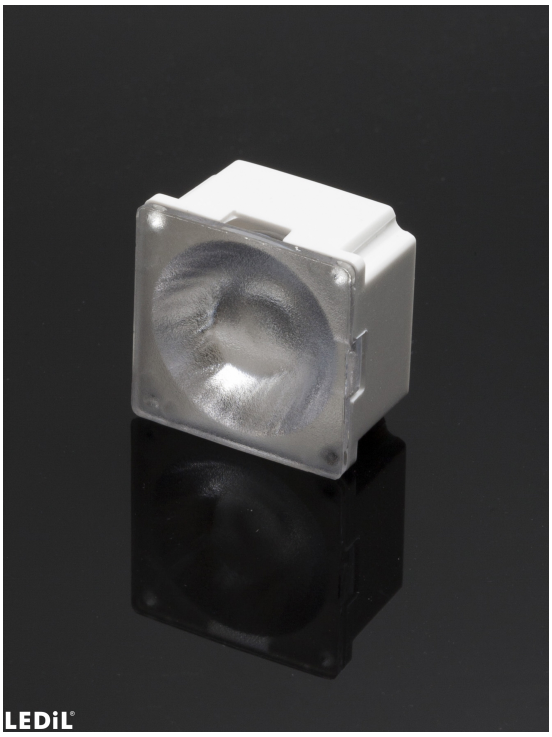
ROSE-MRK-BW

~70° batwing beam. Assembly with white holder.



SPECIFICATION:

Dimensions	21.6 x 21.6
Height	13 mm
Fastening	tape,pin
ROHS compliant	yes

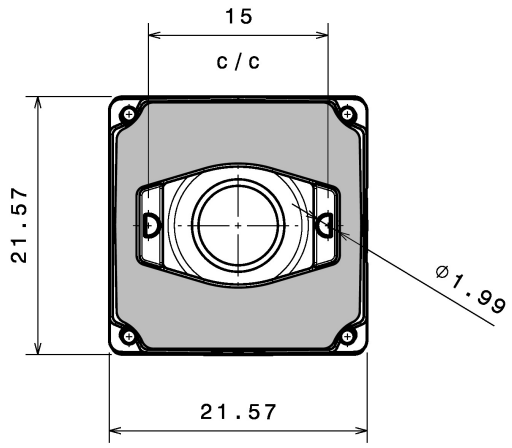
MATERIALS:

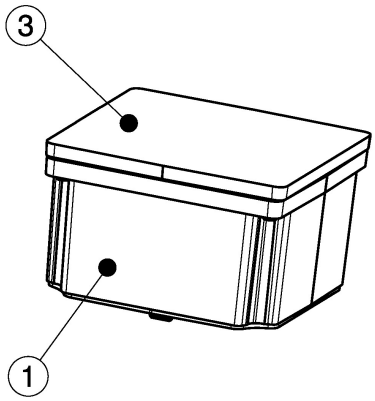
Component	Type	Material	Colour	Finish	Length
ROSE-MRK-BW	Single lens	PC	clear		21.6
ROSE-MRK-LT-HLD	Holder	PC	white		21.6
ROSE-TAPE	Tape	Acrylic foam	black		21.6

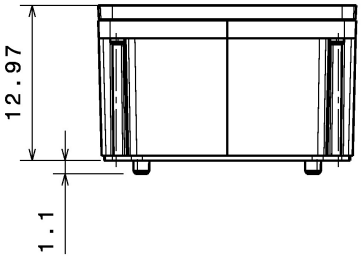
ORDERING INFORMATION:

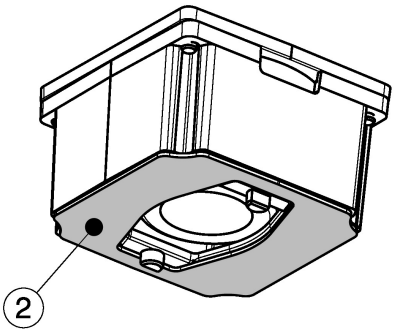
Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA15480_ROSE-MRK-BW » Box size: 470 x 235 x 270 mm	2304		144	10.0

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INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F14946	ROSE-Lt-HLD-MRK	PC	white
2	F14629	ROSE-TAPE	Acrylic foam	
3	F15478	ROSE-MRK-BW Lens	PC	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
Datasheet FA15480_ROSE-MRK-BW

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SIZE A4 | PART NUMBER FA15480

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

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

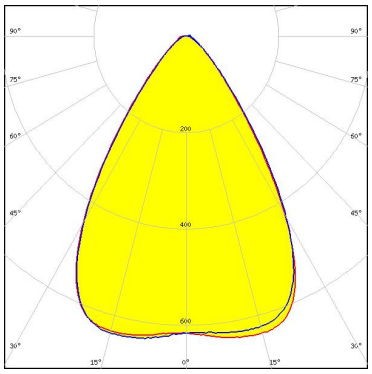
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OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	68.0° / 101.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

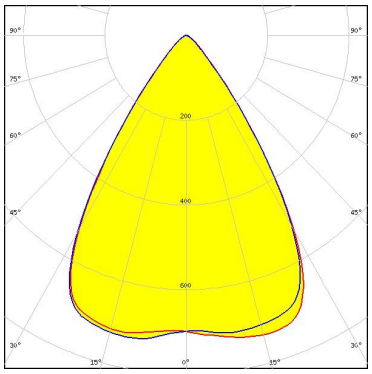
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OPTICAL RESULTS (SIMULATED):

bridgelux

LED	Bridgelux SMD 5050
FWHM / FWTM	62.0° / 86.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

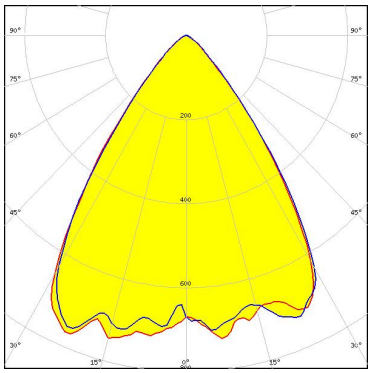




Light distribution files

CREE LEDs

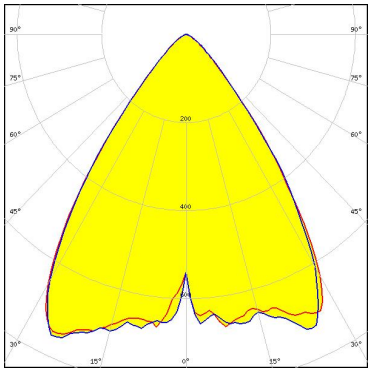
LED	MK-R
FWHM / FWTM	63.0° / 90.0°
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XHP50
FWHM / FWTM	63.0° / 90.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



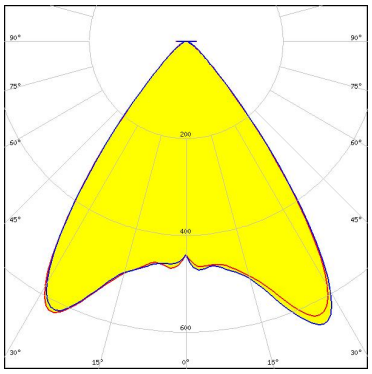
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

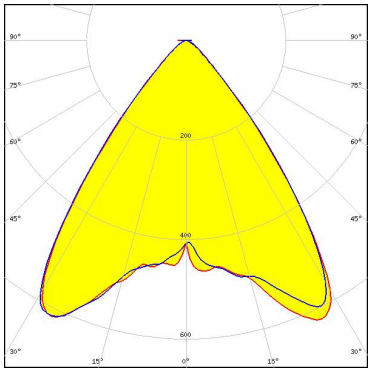
LED	XP-G3
FWHM / FWTM	74.0° / 95.0°
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

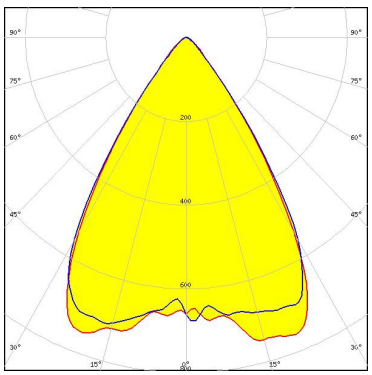
LED	XP-L2
FWHM / FWTM	74.0° / 96.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM / FWTM	68.0° / 88.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

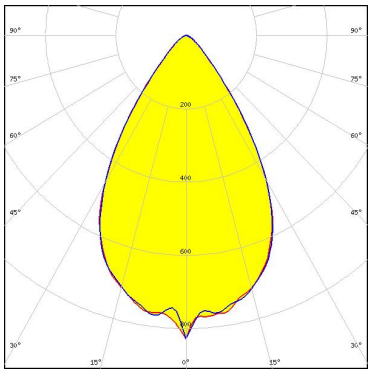


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OPTICAL RESULTS (SIMULATED):

LUMILEDS

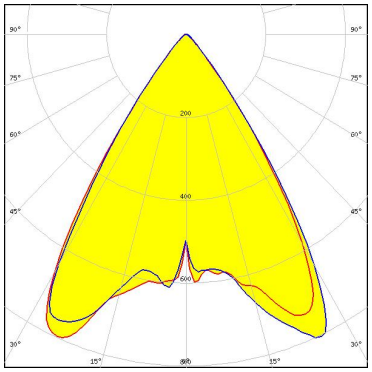
LED	LUXEON 7070
FWHM / FWTM	63.0° / 92.0°
Efficiency	85 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	68.0° / 84.0°
Efficiency	87 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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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