GABRIELLA-MIDI-S

~10° spot beam with holder and installation tape

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.8 mm
Height	24.1 mm
Fastening	tape, pin
Colour	black
Box size	476 x 273 x 292 mm
Box weight	11.7 kg
Quantity in Box	500 pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
GABRIELLA-MIDI-S	Single lens	PMMA	clear
GABRIELLA-MIDI-HLD	Holder	PC	black
GABRIELLA-MIDI-TAPE	Tape	PU tape	black

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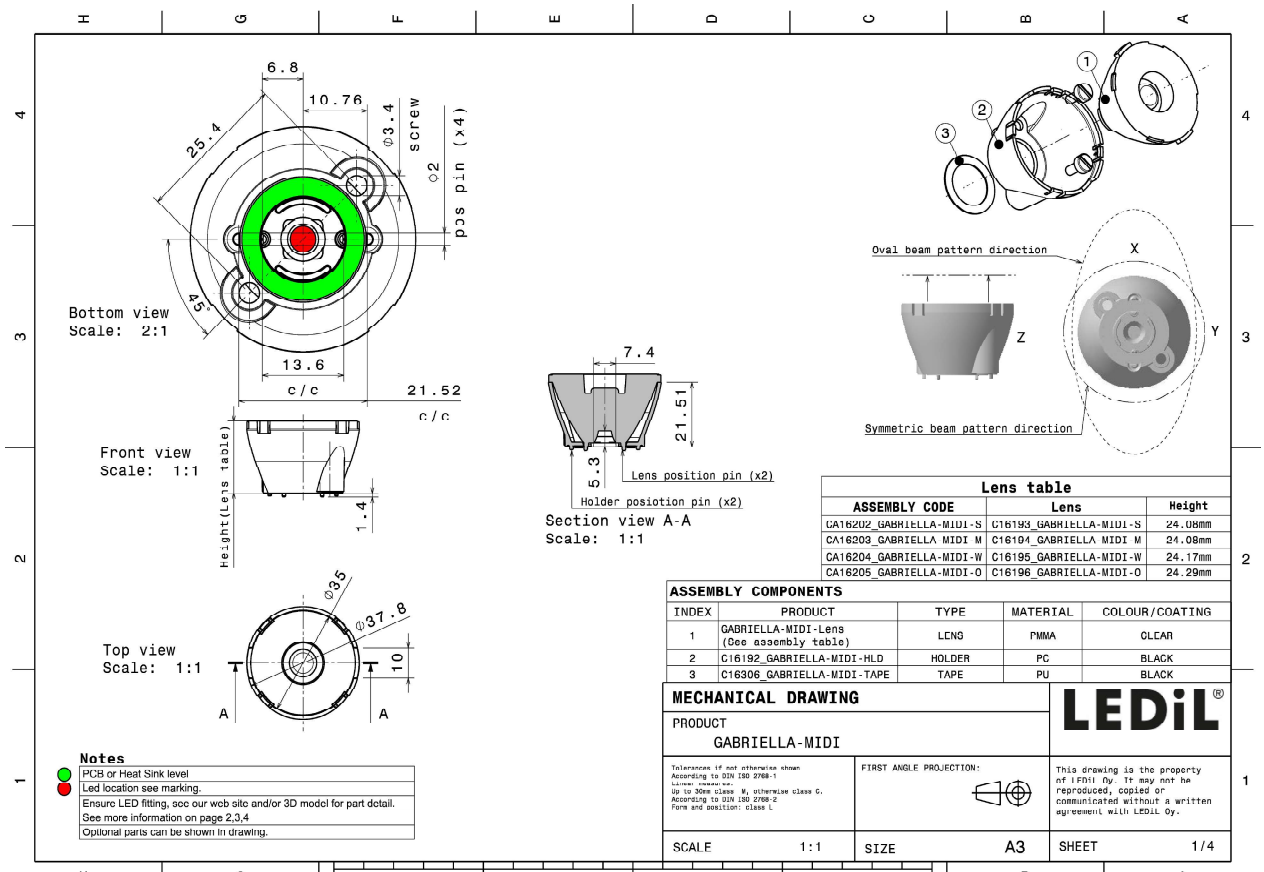

Lens table		
ASSEMBLY CODE	Lens	Height
CA16202_GABRIELLA-MIDI-S	C16193_GABRIELLA-MIDI-S	24.08mm
CA16203_GABRIELLA MIDI M	C16194_GABRIELLA MIDI M	24.08mm
CA16204_GABRIELLA-MIDI-W	C16195_GABRIELLA-MIDI-W	24.17mm
CA16205_GABRIELLA-MIDI-O	C16196_GABRIELLA-MIDI-O	24.29mm

ASSEMBLY COMPONENTS				
INDEX	PRODUCT	TYPE	MATERIAL	COLOUR/COATING
1	GABRIELLA-MIDI-Lens (See assembly table)	LENS	PMMA	CLEAR
2	C16192_GABRIELLA-MIDI-HLD	HOLDER	PC	BLACK
3	C16306_GABRIELLA-MIDI-TAPE	TAPE	PU	BLACK

Notes

PCB or Heat Sink level
Led location see marking.
Ensure LED fitting, see our web site and/or 3D model for part detail.
See more information on page 2,3,4
Optional parts can be shown in drawing.

MECHANICAL DRAWING

PRODUCT
GABRIELLA-MIDI

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class G.
According to DIN ISO 2768-2
Form and position: class L

FIRST ANGLE PROJECTION:

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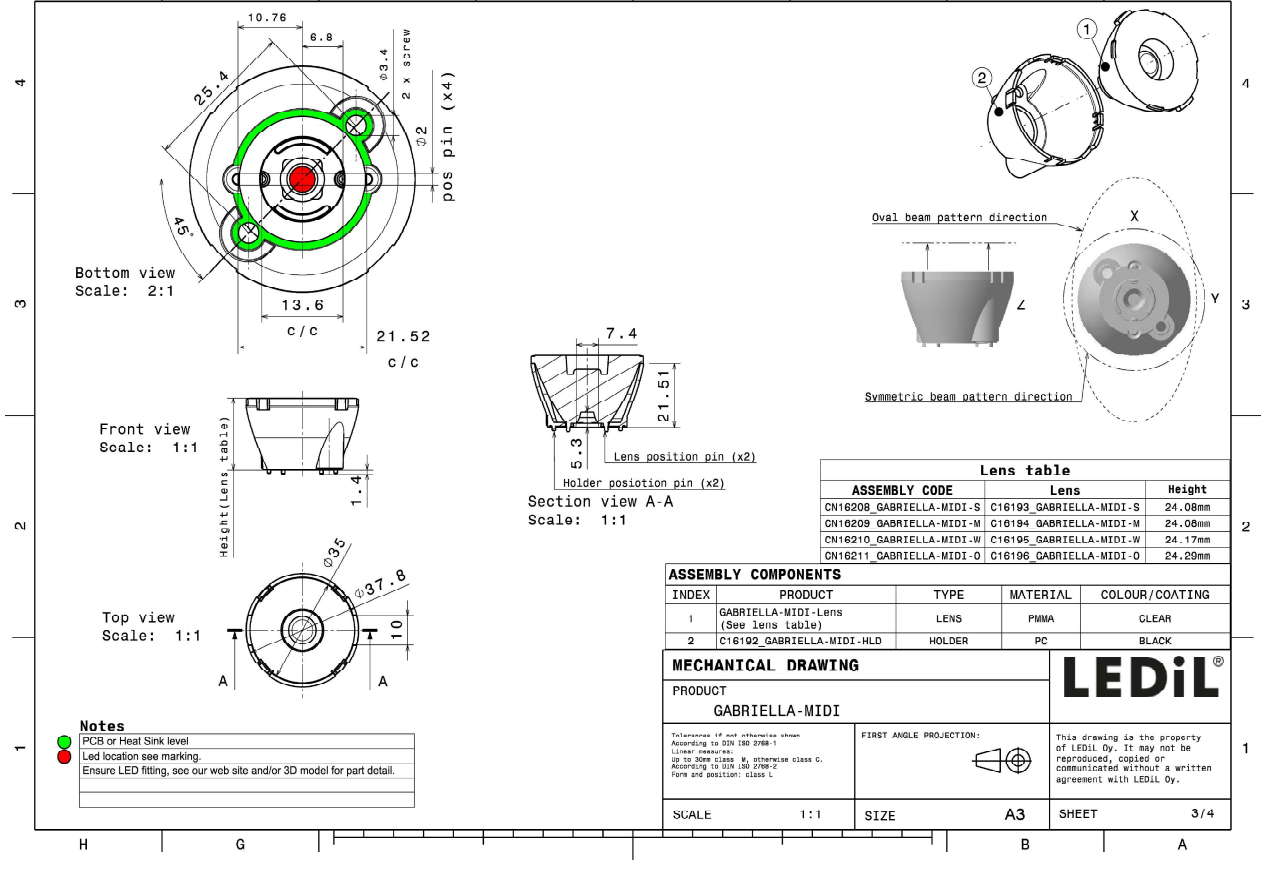
SCALE 1:1 | SIZE A3 | SHEET 1/4



Lens table		
ASSEMBLY CODE	Lens	Height
CN16208_GABRIELLA-MIDI-S	C16193_GABRIELLA-MIDI-S	24.08mm
CN16209_GABRIELLA-MIDI-M	C16194_GABRIELLA-MIDI-M	24.08mm
CN16210_GABRIELLA-MIDI-W	C16195_GABRIELLA-MIDI-W	24.17mm
CN16211_GABRIELLA-MIDI-O	C16196_GABRIELLA-MIDI-O	24.29mm

ASSEMBLY COMPONENTS				
INDEX	PRODUCT	TYPE	MATERIAL	COLOUR/COATING
1	GABRIELLA-MIDI-Lens (See lens table)	LENS	PMMA	CLEAR
2	C16192_GABRIELLA-MIDI-HLD	HOLDER	PC	BLACK

Notes

PCB or Heat Sink level
Led location see marking.
Ensure LED fitting, see our web site and/or 3D model for part detail.

MECHANICAL DRAWING

PRODUCT
GABRIELLA-MIDI

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class G.
According to DIN ISO 2768-2
Form and position: class L

FIRST ANGLE PROJECTION:

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SCALE 1:1 | SIZE A3 | SHEET 3/4

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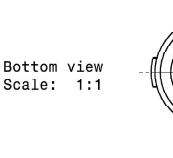
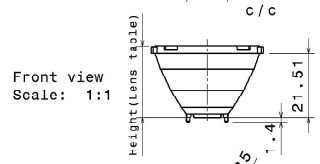
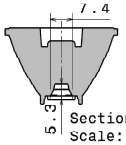
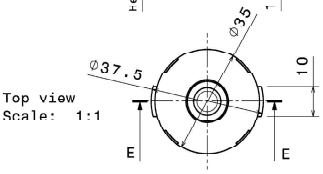








Lens table	
Lens	Height
C16193_GABRIELLA-MIDI-S	24.08mm
C16194_GABRIELLA-MIDI-M	24.08mm
C16195_GABRIELLA-MIDI-W	24.17mm
C16196_GABRIELLA-MIDI-O	24.29mm

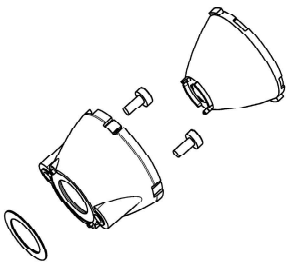
COMPONENTS

INDEX	PRODUCT	TYPE	MATERIAL	COLOUR/COATING
1	GABRIELLA MIDI Lens (See assembly table)	LENS	PMMA	CLEAR

Notes

PCB or Heat Sink level
Led location see marking.
Ensure LED fitting, see our web site and/or 3D model for part detail.

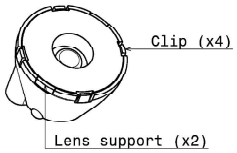
MECHANICAL DRAWING		
PRODUCT GABRIELLA-MIDI		LEDiL®
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class G. According to DIN ISO 2768-2 Form and position: class L	FIRST ANGLE PROJECTION:	This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
SCALE 1:1	SIZE A3	SHEET 2/4



1. Place holder on PCB using the holder location pins as guide elements. Holder is fixed either by with on-board PU-tape or M3 screw with max 0.6Nm torgue.

2. Place lens support features into relative holes in the holder, please note that the location pins on the lens goes through the PCB.

3.Press optic until 4 clips each locked.



MECHANICAL DRAWING		
PRODUCT GABRIELLA-MIDI		LEDiL®
Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class G. According to DIN ISO 2768-2 Form and position: class L	FIRST ANGLE PROJECTION:	This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.
SCALE 1:1	SIZE A3	SHEET 4/4

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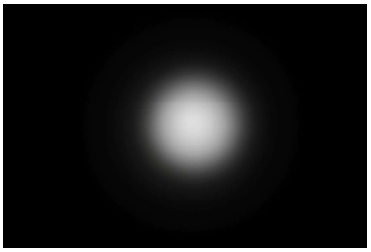
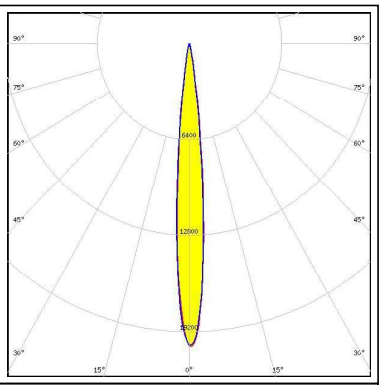
PHOTOMETRIC DATA (MEASURED):

CREE

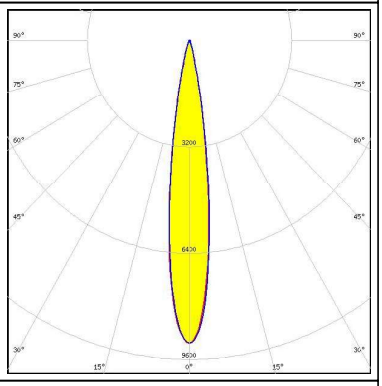
LED	XHP35 HI
FWHM	10.0°
Efficiency	90 %
Peak intensity	20.350 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





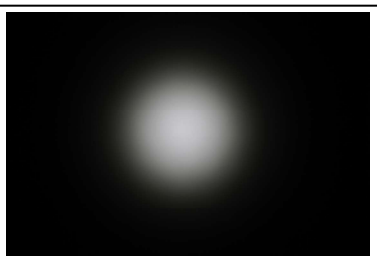
CREE

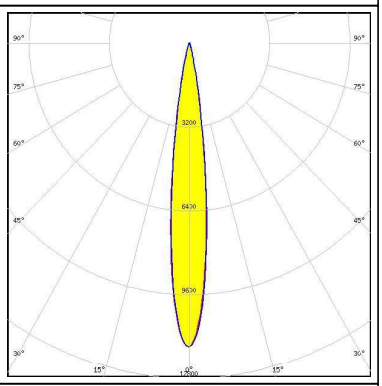
LED	XHP50.2
FWHM	15.0°
Efficiency	87 %
Peak intensity	9.120 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

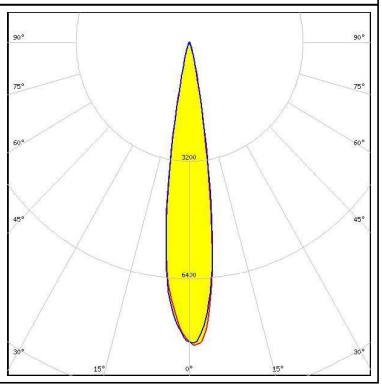
LED	LUXEON 5050 Round LES
FWHM	14.0°
Efficiency	91 %
Peak intensity	12.600 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





LUMILEDS

LED	LUXEON C
FWHM	17.0°
Efficiency	85 %
Peak intensity	8.200 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	



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