

HEIDI-M-NP

~25° medium beam. Version without location pins.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	11.6 mm
Fastening	tape
ROHS compliant	yes ⓘ

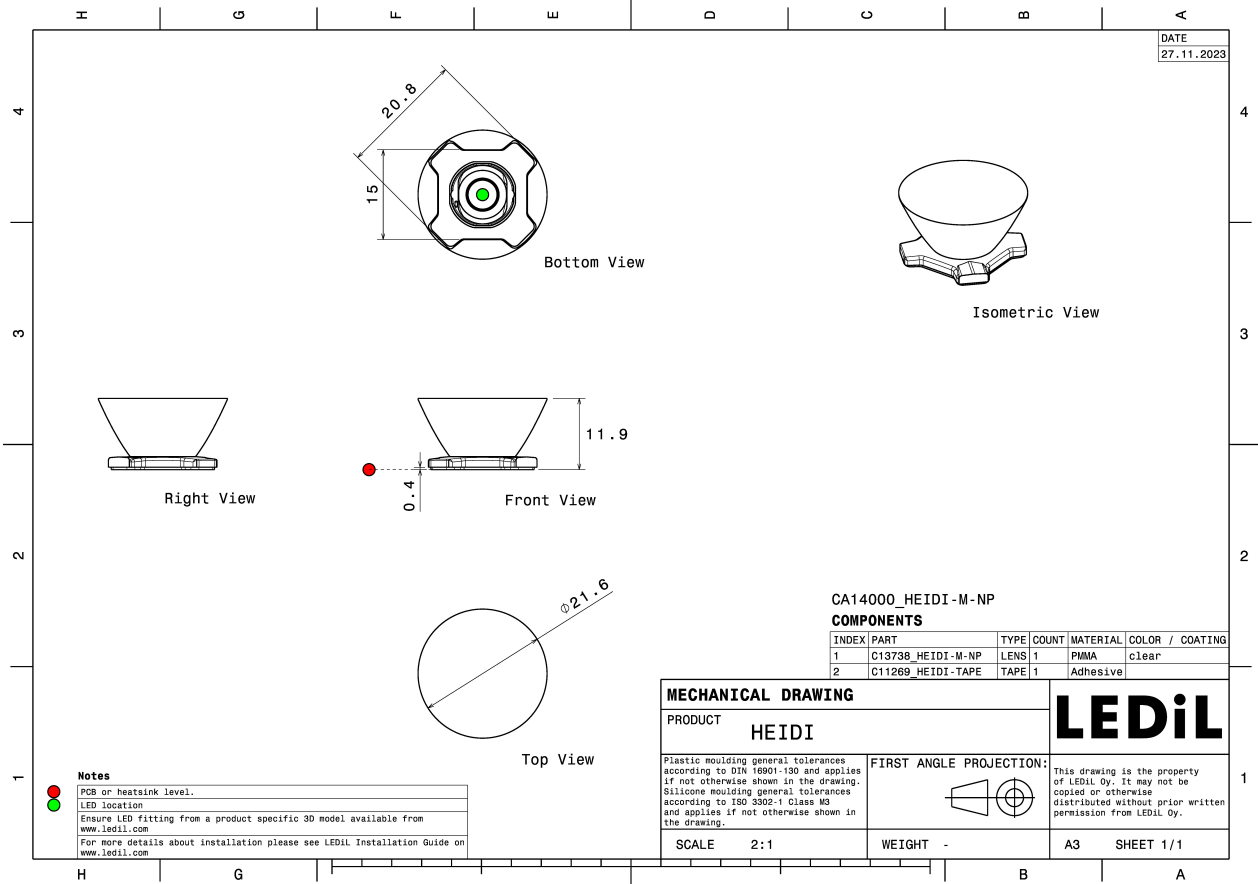


MATERIALS:

Component	Type	Material	Colour	Finish	Length
HEIDI-M-NP	Single lens	PMMA	clear		21.6
HEIDI-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14000_HEIDI-M-NP	Single lens	3264	204	204	10.8
» Box size: 480 x 280 x 300 mm					

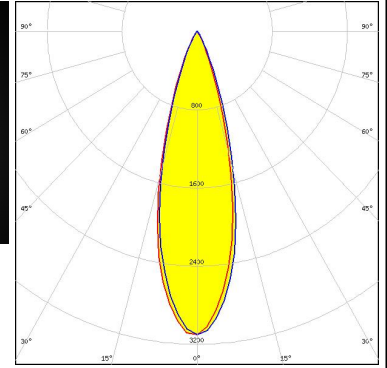
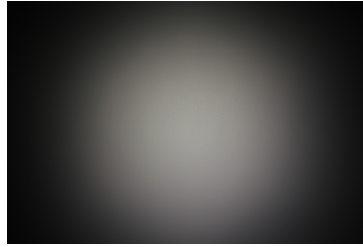


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

SAMSUNG

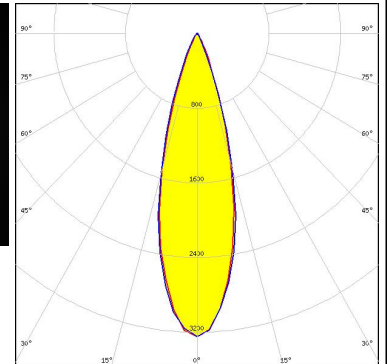
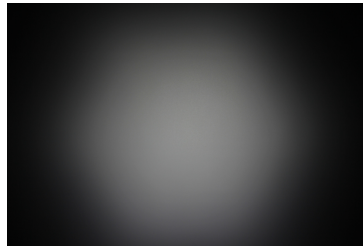
LED LH351B
FWHM / FWTM 29.0° / 51.0°
Efficiency 88 %
Peak intensity 3.1 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351Z
FWHM / FWTM 30.0° / 50.0°
Efficiency 89 %
Peak intensity 3.3 cd/m
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	ML-E
FWHM / FWTM	28.0° / 49.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	XB-D
FWHM / FWTM	28.0° / 46.0°
Efficiency	89 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	XP-E
FWHM / FWTM	28.0° / 45.0°
Efficiency	93 %
Peak intensity	4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	XP-E2
FWHM / FWTM	29.0° / 46.0°
Efficiency	93 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

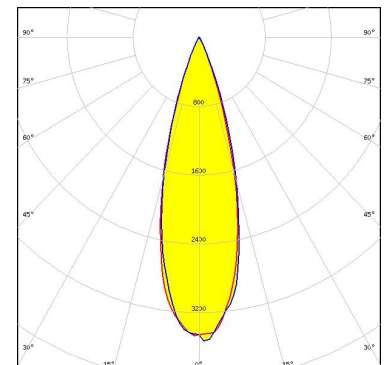


LED	XP-G
FWHM / FWTM	28.0° / 48.0°
Efficiency	92 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	XP-G2
FWHM / FWTM	29.0° / 49.0°
Efficiency	92 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

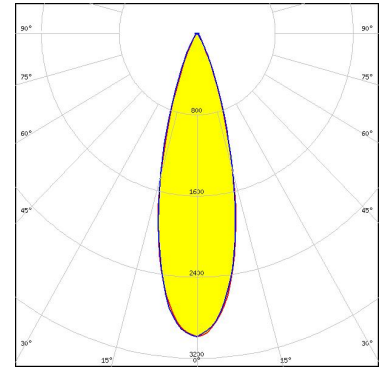


Light distribution files

OPTICAL RESULTS (SIMULATED):



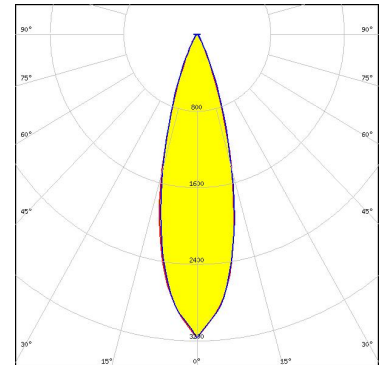
LED XP-G2 HE
FWHM / FWTM 30.0° / 51.0°
Efficiency 92 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



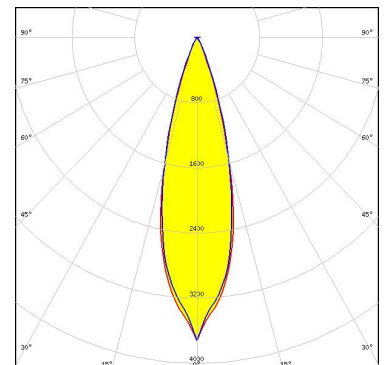
LED XP-G3
FWHM / FWTM 28.0° / 51.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XT-E
FWHM / FWTM 27.0° / 47.0°
Efficiency 93 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

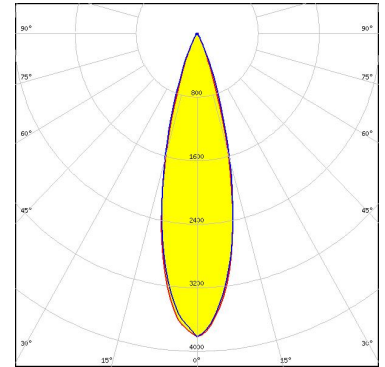


Light distribution files

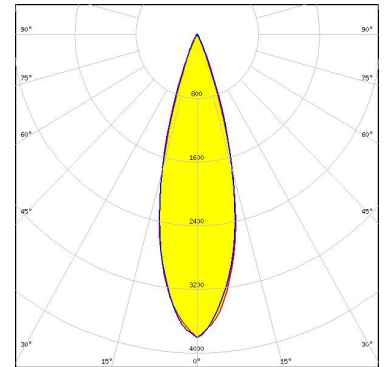
OPTICAL RESULTS (SIMULATED):



LED LUXEON HL2Z
FWHM / FWTM 28.0° / 48.0°
Efficiency 95 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



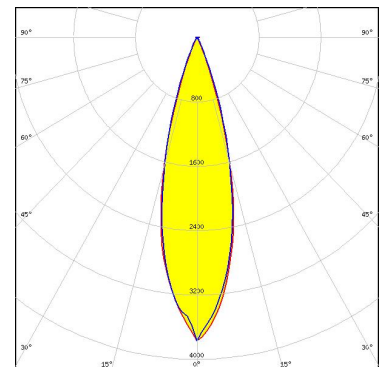
LED LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM 29.0° / 47.0°
Efficiency 96 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 28.0° / 45.0°
Efficiency 91 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

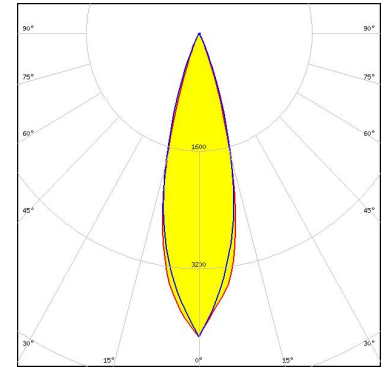


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED LUXEON Z ES
FWHM / FWTM 27.0° / 45.0°
Efficiency 94 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NF2x757A
FWHM / FWTM 27.0° / 47.0°
Efficiency 93 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED NSSW157T
FWHM / FWTM 28.0° / 43.0°
Efficiency 93 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM / FWTM 29.0° / 46.0°
Efficiency 92 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

[Light distribution files](#)

OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 29.0° / 44.0°
Efficiency 93 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

[Light distribution files](#)


OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 29.0° / 46.0°
Efficiency 92 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):

 SEOL SEMICONDUCTOR	
LED	Z5P
FWHM / FWTM	28.0° / 46.0°
Efficiency	92 %
Peak intensity	3.7 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:

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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