HEIDI-M-NP

~25° medium beam. Version without location pins.

SPECIFICATION:

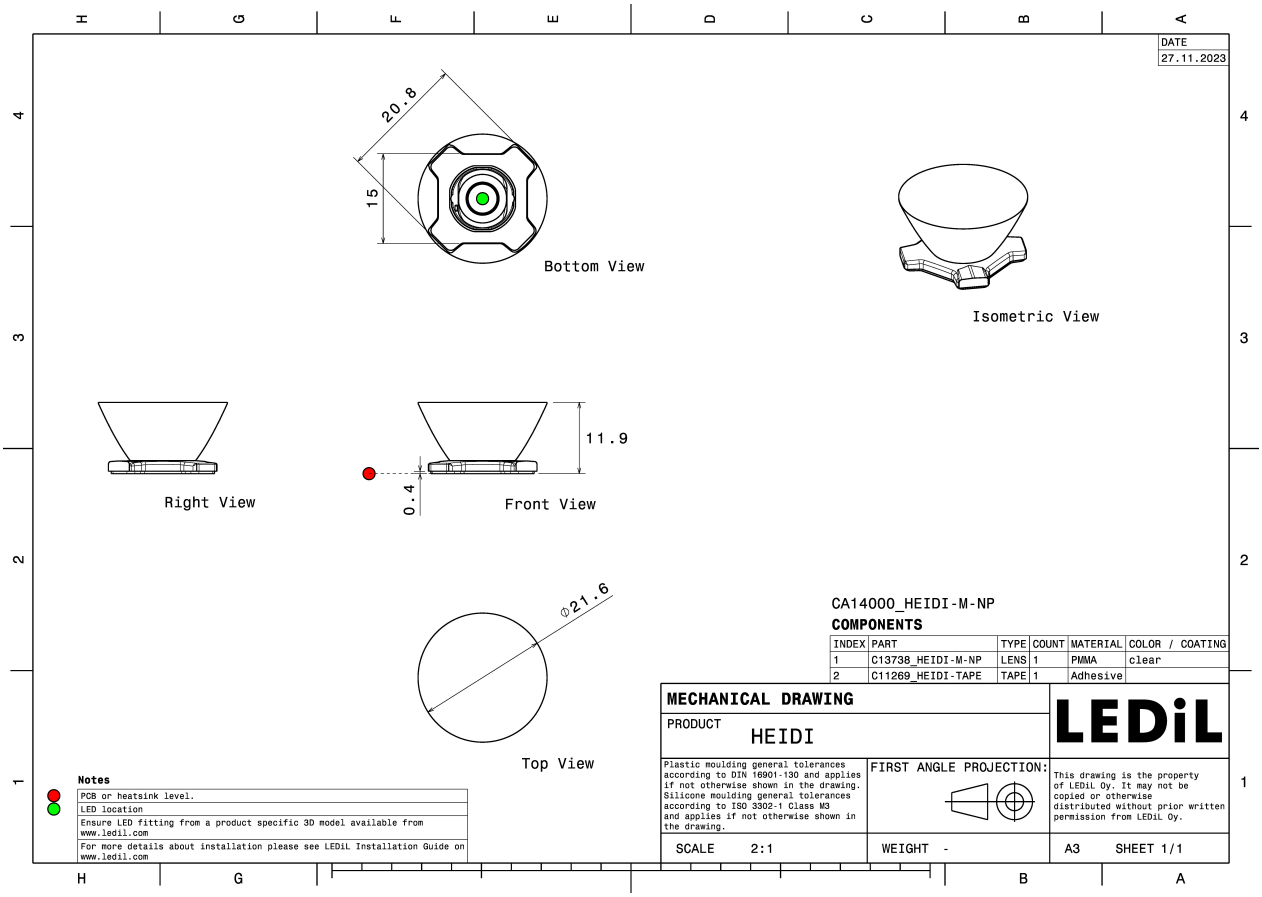
Dimensions	Ø 21.6 mm
Height	11.6 mm
Fastening	tape
ROHS compliant	yes

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					

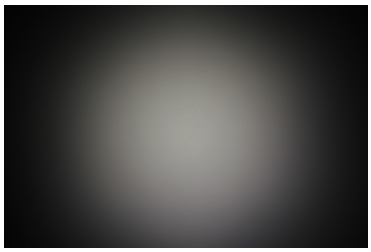


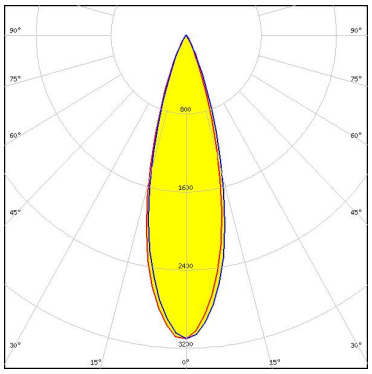
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

SAMSUNG

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

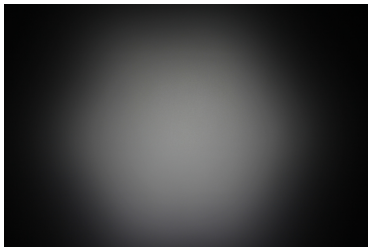


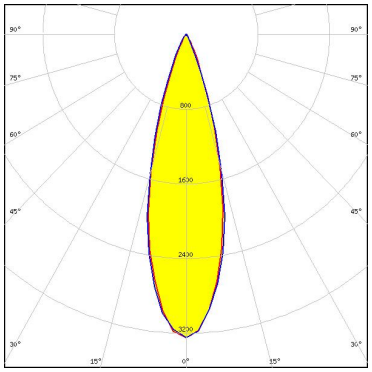


Light distribution files

SAMSUNG

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





Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

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

CREE LEDs

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

CREE LEDs

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):

CREE LEDs

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

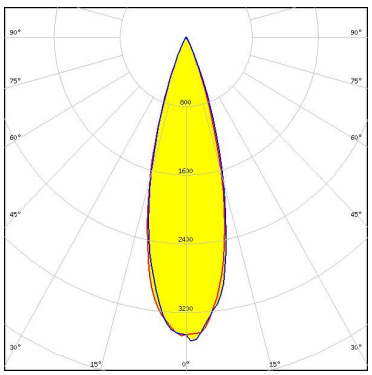
CREE LEDs

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

CREE LEDs

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:	

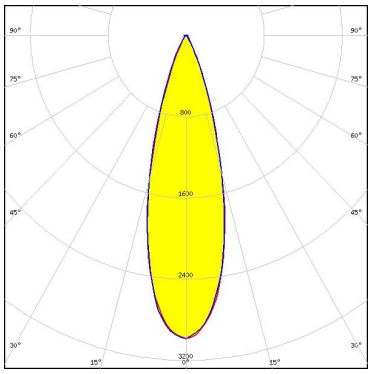


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

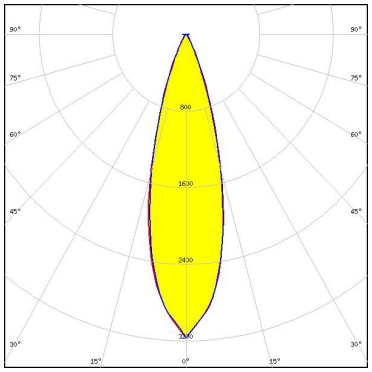
LED	XP-G2 HE
FWHM / FWTM	30.0° / 51.0°
Efficiency	92 %
Peak intensity	3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

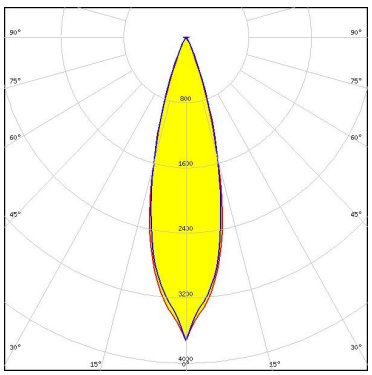
LED	XP-G3
FWHM / FWTM	28.0° / 51.0°
Efficiency	94 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

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:	

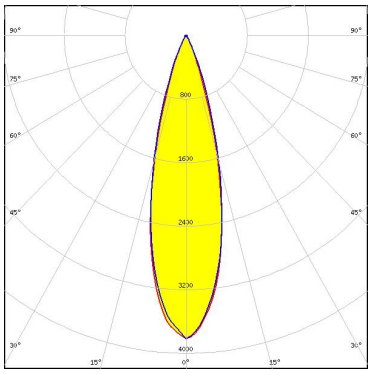


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

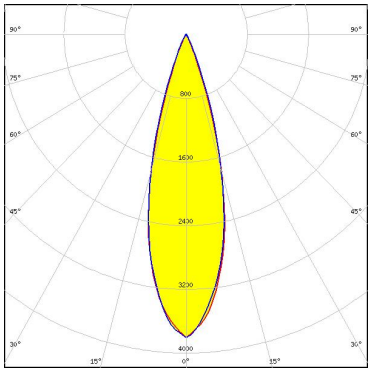
LED	LUXEON HL2Z
FWHM / FWTM	28.0° / 48.0°
Efficiency	95 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

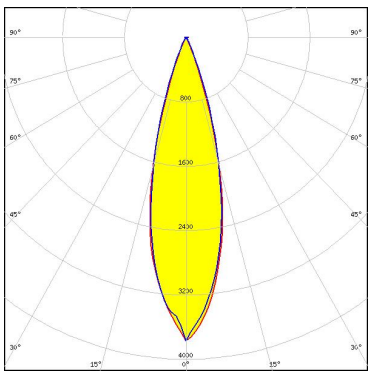
LED	LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM	29.0° / 47.0°
Efficiency	96 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

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:	

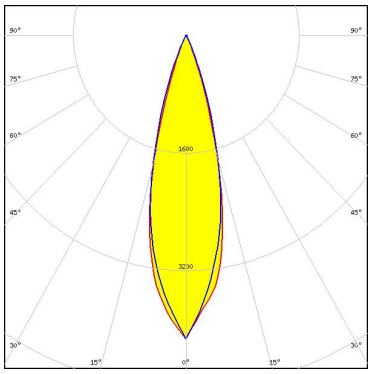


Light distribution files

OPTICAL RESULTS (SIMULATED):

LUMILEDS

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

NICHIA

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

NICHIA

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):

SEOUL 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:

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