

## HEIDI-M-NP

~25° medium beam. Version without location pins.

### TECHNICAL SPECIFICATIONS:

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

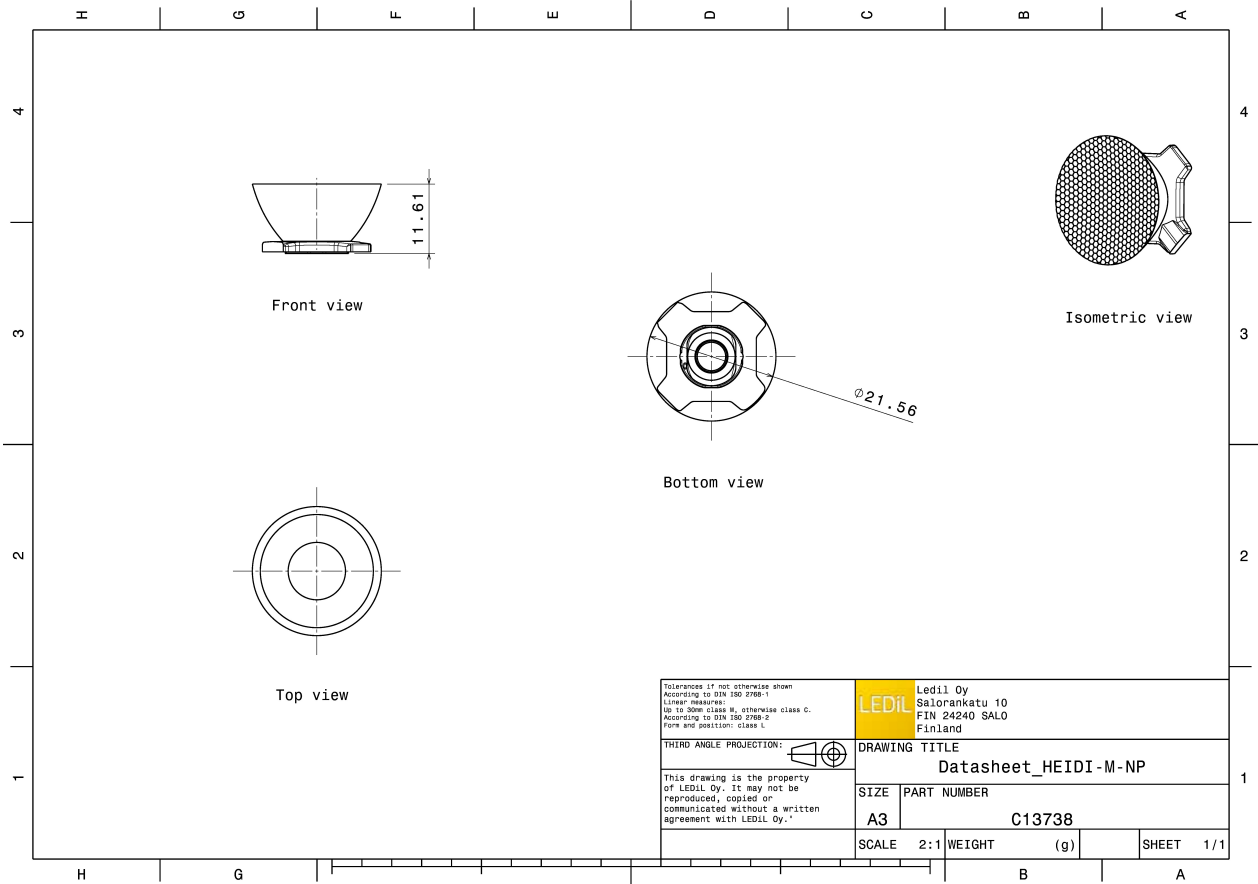


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HEIDI-M-NP	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	PU tape	black	

### ORDERING INFORMATION:

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

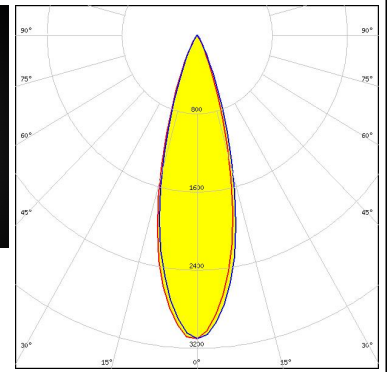
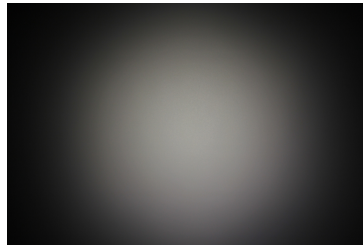


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

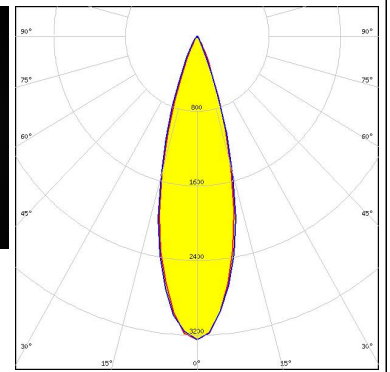
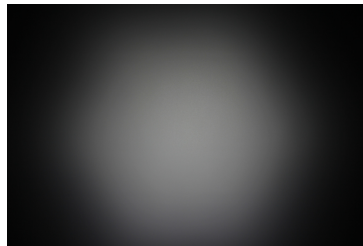
#### SAMSUNG

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



#### SAMSUNG

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



#### PHOTOMETRIC DATA (SIMULATED):

##### CREE LED

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

##### CREE LED

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

##### CREE LED

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

##### CREE LED

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

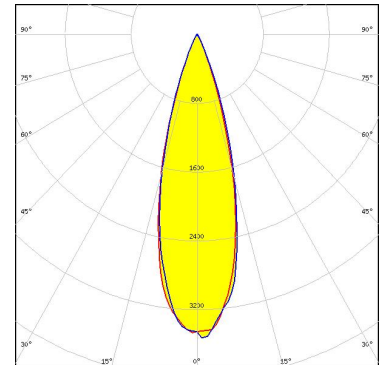
#### PHOTOMETRIC DATA (SIMULATED):



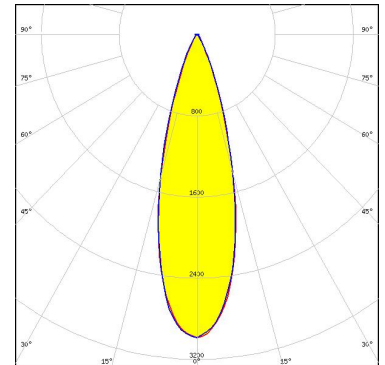
LED XP-G  
 FWHM / FWTM 28.0° / 48.0°  
 Efficiency 92 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



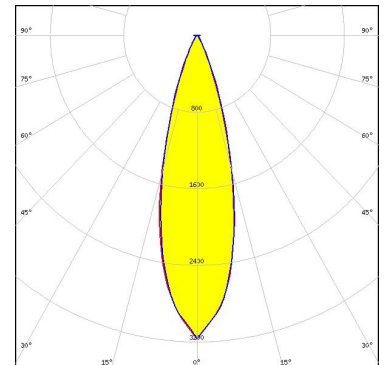
LED XP-G2  
 FWHM / FWTM 29.0° / 49.0°  
 Efficiency 92 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



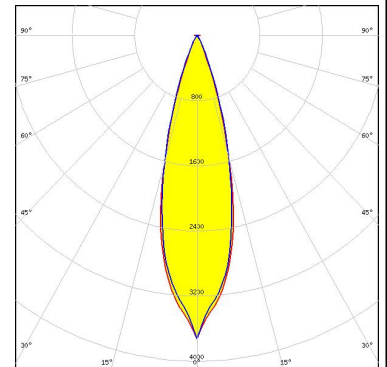
LED XP-G3  
 FWHM / FWTM 28.0° / 51.0°  
 Efficiency 94 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



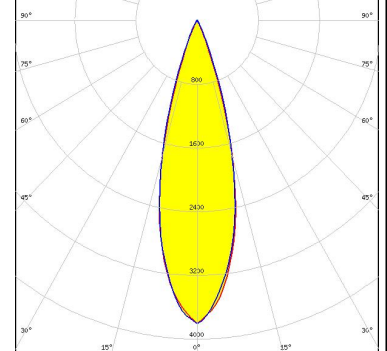
#### PHOTOMETRIC DATA (SIMULATED):



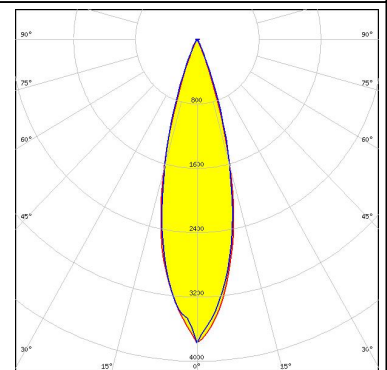
LED XT-E  
 FWHM / FWTM 27.0° / 47.0°  
 Efficiency 93 %  
 Peak intensity 3.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



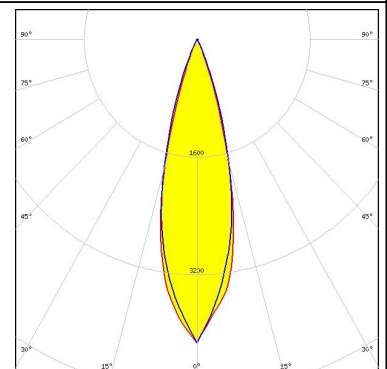
LED LUXEON SunPlus 20 Line (120 deg)  
 FWHM / FWTM 29.0° / 47.0°  
 Efficiency 96 %  
 Peak intensity 3.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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 White  
 Required components:



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



### PHOTOMETRIC DATA (SIMULATED):



LED 107  
FWHM / FWTM 28.0° / 47.0°  
Efficiency 90 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



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



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

### PHOTOMETRIC DATA (SIMULATED):

#### 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	White
Required components:	

#### 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	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z5P
FWHM / FWTM	28.0° / 46.0°
Efficiency	92 %
Peak intensity	3.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



### 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 13  
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

#### Local sales and technical support

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