

# PRODUCT DATASHEET CA11265\_HEIDI-M

# **HEIDI-M**

~25° medium beam

## **SPECIFICATION:**

Dimensions	Ø 21.6 mm
Height	11.9 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



## **MATERIALS:**

Component HEIDI-M HEIDI-TAPE

Туре Single lens Таре

Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

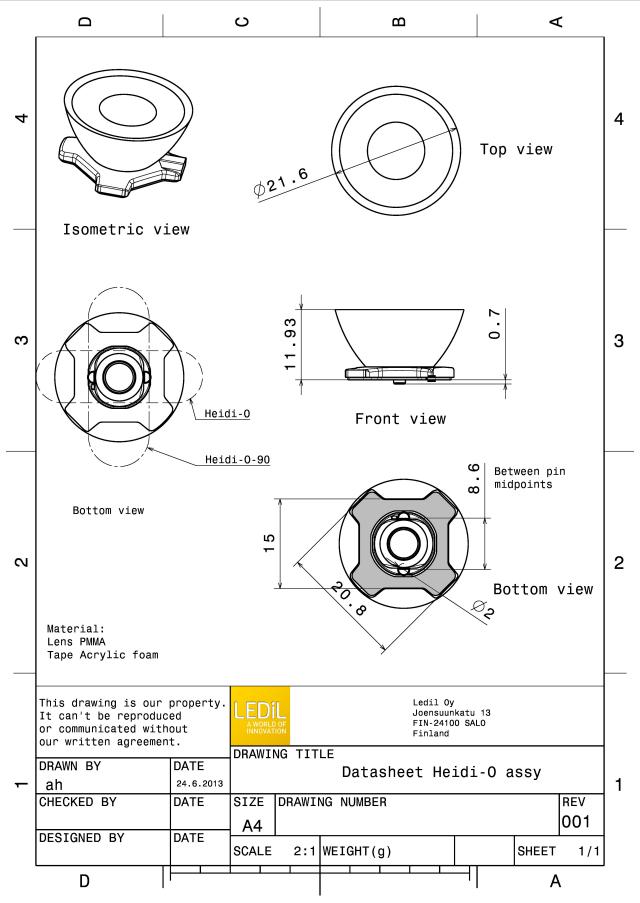
## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11265_HEIDI-M	Single lens	3264	204	204	10.8
» Box size: 480 x 280 x 300 mm					

size: 480 x 280 x 300 mm



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See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



# 

LED	XB-D
FWHM / FWTM	29.0°
Efficiency	87 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required component	ts:

# 

LED	XB-H
FWHM / FWTM	27.0° / 48
Efficiency	87 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required component	ts:





# 

 LED
 XP-E

 FWHM / FWTM
 28.0° / 46.0°

 Efficiency
 92 %

 Peak intensity
 2.9 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 Ket State

# 

 LED
 XP-G

 FWHM / FWTM
 28.0° / 46.0°

 Efficiency
 92 %

 Peak intensity
 3.3 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 Kentersite



		50° 90°
LEDS FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 26.0° / 41.0° 94 % 4.1 cd/lm 1 White nts:	36. 12. 12. 12. 12. 12. 12. 12. 12
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HI 25.0° / 40.0° 94 % 4.2 cd/lm 1 White nts:	99 <sup>4</sup> 99 <sup>4</sup> 72 <sup>-</sup> 69 <sup>4</sup> 1000 69 <sup>4</sup> 69 <sup>4</sup> 500
CREE CEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 27.0° / 46.0° 94 % 3.5 cd/lm 1 White nts:	300         300         300           301         300         300           302         300         300           303         300         300
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON C 26.0° / 44.0° 87 % 4 cd/lm 1 White	200 200 200 200 200 200 200 200



	FDS	90 <sup>4</sup> 90 <sup>5</sup>
LED		90° 90'
LED FWHM / FWTM	LUXEON CZ 26.0° / 42.0°	72
Efficiency	94 %	
Peak intensity	94 % 4.5 cd/lm	60* 1000 00
LEDs/each optic		
LEDS/each oplic	1 White	
Required compone		
Required compone	ano.	
		30*
•		400 4600 340 157 04 157
	.EDS	20 <sup>+</sup>
LED	LUXEON T	
FWHM / FWTM	28.0° / 47.0°	
Efficiency	87 %	601 601
Peak intensity	3.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		320
<b>ØNICHI</b>		GL124L4ED24L9ED24L9ED24L9ED24
LED	NCSxx19B	
FWHM / FWTM	29.0° / 47.0°	787 000 787
Efficiency	88 %	
Peak intensity	3.7 cd/lm	
LEDs/each optic	1	
Light colour	White	a
Required compone	ents:	
		16
<b>ØNICHI</b>		
LED	NVSxx19A	
FWHM / FWTM	28.0° / 49.0°	
Efficiency	87 %	
Peak intensity	3.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		



#### OSRAM Opto Semiconductors

#### OSRAM Opto Semiconductors

LEDOFWHM / FWTM28Efficiency87Peak intensity3.LEDs/each optic1Light colourWRequired components:

OSLON SSL 80 28.0° / 46.0° 87 % 3.1 cd/lm 1 White

SAMS	UNG	90* 90*
LED	LH181A	75
FWHM / FWTM	27.0° / 49.0°	
Efficiency	88 %	
Peak intensity	2.9 cd/lm	
LEDs/each optic	1	500
Light colour	White	er et
Required compone	ents:	
		309
		300 300
		15° 3830 15°
SAMS	UNG	20 <sup>2</sup>
SAMS LED	UNG LH181B	
		25
LED	LH181B	75
LED FWHM / FWTM	LH181B 27.0° / 49.0°	
LED FWHM / FWTM Efficiency	LH181B 27.0° / 49.0° 93 %	75
LED FWHM / FWTM Efficiency Peak intensity	LH181B 27.0° / 49.0° 93 % 3.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH181B 27.0° / 49.0° 93 % 3.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181B 27.0° / 49.0° 93 % 3.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181B 27.0° / 49.0° 93 % 3.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH181B 27.0° / 49.0° 93 % 3.4 cd/lm 1 White	



SEOUL SEMICONDUCTOR				
	Z5			
FWHM / FWTM	28.0° / 42.0°			
Efficiency	87 %			
Peak intensity	3.7 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required compone	ents:			
SEOUL				F
SEOUL			90°	90'
	Z5M1/Z5M2			39'
SEOUL SEMICONDUCTOR	Z5M1/Z5M2 29.0° / 48.0°		99 <sup>+</sup>	9
seoul semiconductor LED FWHM / FWTM Efficiency	29.0° / 48.0° 89 %		75*	27
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	29.0° / 48.0°		604 1.0	0
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	29.0° / 48.0° 89 %		75*	0
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	29.0° / 48.0° 89 % 3.4 cd/lm		604 1.0	0
stoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	29.0° / 48.0° 89 % 3.4 cd/lm 1 White		77	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 48.0° 89 % 3.4 cd/lm 1 White		9°	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 48.0° 89 % 3.4 cd/lm 1 White		77 60 60 60 60 60 60 60 60 60 60 60 60 60	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	29.0° / 48.0° 89 % 3.4 cd/lm 1 White		9°	



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP35.2 HI 28.0° / 52.0° 94 % 3.1 cd/lm 1 White	200 200 200 200 200 200 200 200
		90 <sup>4</sup> 9 <sup>5</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 29.0° / 46.0° 96 % 3.8 cd/lm 1 Green	200 6° 6° 6° 200 6° 200 6° 200 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 28.0° / 46.0° 96 % 4 cd/lm 1 White	
	DS	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2Z 28.0° / 48.0° 96 % 3.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



	DS	90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (120 deg) 28.0° / 47.0° 95 % 3.8 cd/lm 1 White	77 60 60 162 152 152 152 152 152 152 152 15
		15 <sup>5</sup> 0 <sup>6000</sup> 0 <sup>7</sup> 35 <sup>5</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (150 deg) 28.0° / 45.0° 91 % 3.7 cd/lm 1 White	50° 50 50 50 50 50 50 50 50 50 50 50 50 50
	5	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z 28.0° / 44.0° 96 % 4.2 cd/lm 1 White	50 <sup>4</sup> 73 60 <sup>4</sup> 75 77 77 77 77 77 77 77 77 77
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES 28.0° / 45.0° 94 % 4.1 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
		20. 20. 20.



<b>ΜΝΙCΗΙΛ</b>		90° 90°
LED	NVSxE21A	
FWHM / FWTM	28.0° / 47.0°	22. 25.
Efficiency	94 %	
Peak intensity	3.7 cd/lm	1670
LEDs/each optic	1	
Light colour	White	a
Required components:		200
		30" 20" 20" 30"
OSRAM Opto Semiconductors		50° A 50°
LED	OSCONIQ P 3030	
FWHM / FWTM	28.0° / 46.0°	200 23.
Efficiency	96 %	
Peak intensity	3.8 cd/lm	60 <sup>5</sup>
LEDs/each optic	1	
Light colour	White	45 <sup>-</sup> 2450
Required components:		
		3200
		30* 4000 34*
OSRAM		15 <sup>5</sup> 0 <sup>6</sup> 15 <sup>5</sup>
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	28.0° / 48.0°	75'
Efficiency	94 %	
Peak intensity	3.5 cd/lm	60*
LEDs/each optic	1	
Light colour	' White	43°
Required components:	THRO .	2430
		300
OSRAM		12% 0 <sup>6</sup> 12,
Opto Semiconductors	001 011 0	
	OSLON Square EC	
FWHM / FWTM	29.0° %	
Efficiency	% 3.2 cd/lm	
Peak intensity LEDs/each optic		
	1 White	
Light colour Required components:	VVIIIC	
Required components:		



OSRAM Opto Semiconductors		5 <sup>1</sup>
LED	SFH 4170S	
FWHM / FWTM	28.0° / 44.0°	
Efficiency	88 %	
LEDs/each optic	1	
Light colour	IR	g
Required components:		
		300
		30' 30' 30'



## **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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