

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 **Type** Single lens Tape

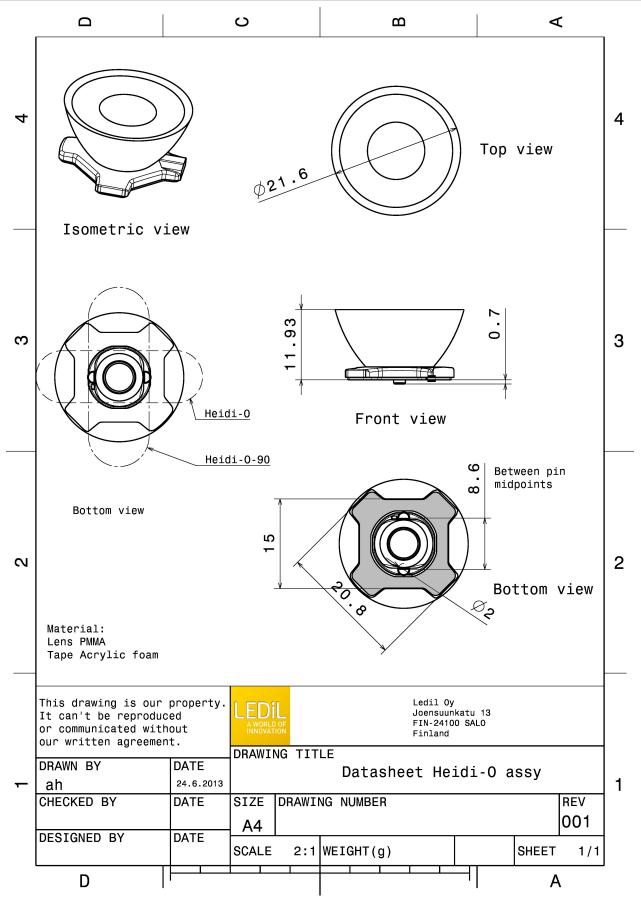
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

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					



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



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

LED	XB-H
FWHM / FWTM	27.0° / 48.0°
Efficiency	87 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour	White
Required compon	ents:



 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:
 Ket State



CREE 🗢 LED	D		90*
LED	XQ-E HD	and the second se	
FWHM / FWTM	26.0° / 41.0°		25*
Efficiency	94 %		
Peak intensity	4.1 cd/lm		60 ¹⁵ 60
LEDs/each optic	1		
Light colour	White		45° (
Required compone			
			0025
			30*
			100 [°] 0 [°] 15 [°]
	ס		90°
LED	XQ-E HI		×*
FWHM / FWTM	25.0° / 40.0°		
Efficiency	94 %		60° 60
Peak intensity	4.2 cd/lm		- 1690
LEDs/each optic	1		
Light colour	White		95°
Required compone	ents:		3290
			364 38
			125 ⁷ of 125
			90*
LED	XT-E		25
FWHM / FWTM	27.0° / 46.0°		
Efficiency	94 %		60° 65
Peak intensity	3.5 cd/lm		
	4		
LEDs/each optic	1		
Light colour	White		e ^r 200
	White		e. e
Light colour	White		e. e
Light colour	White		g e
Light colour	White		g ^r
Light colour Required compone	White ents:		
Light colour Required compone	White ents:		
Light colour Required compone	White ents: .EDS LUXEON C		
Light colour Required compone LUMIL LED FWHM / FWTM	White ents: EDS LUXEON C 26.0° / 44.0°		
Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency	White ents: EDS LUXEON C 26.0° / 44.0° 87 %		
Light colour Required compone LUMIL LED FWHM / FWTM Efficiency Peak intensity	White ents: EDS LUXEON C 26.0° / 44.0° 87 % 4 cd/lm		
Light colour Required compone Composed by the second seco	White ents: EDS LUXEON C 26.0° / 44.0° 87 % 4 cd/lm 1		
Light colour Required compone LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White ents: EDS LUXEON C 26.0° / 44.0° 87 % 4 cd/lm 1 White		
Light colour Required compone Composed LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	White ents: EDS LUXEON C 26.0° / 44.0° 87 % 4 cd/lm 1 White		
Light colour Required compone LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White ents: EDS LUXEON C 26.0° / 44.0° 87 % 4 cd/lm 1 White		
Light colour Required compone LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	White ents: EDS LUXEON C 26.0° / 44.0° 87 % 4 cd/lm 1 White		



	FDS	90 ⁴ 90 ⁵
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 ⁺
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
ØNICHI		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
ØNICHI		
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

 LED
 OSLON SSL 150

 FWHM / FWTM
 26.0° / 44.0°

 Efficiency
 90 %

 Peak intensity
 3.4 cd/lm

 LEDs/each optic
 1

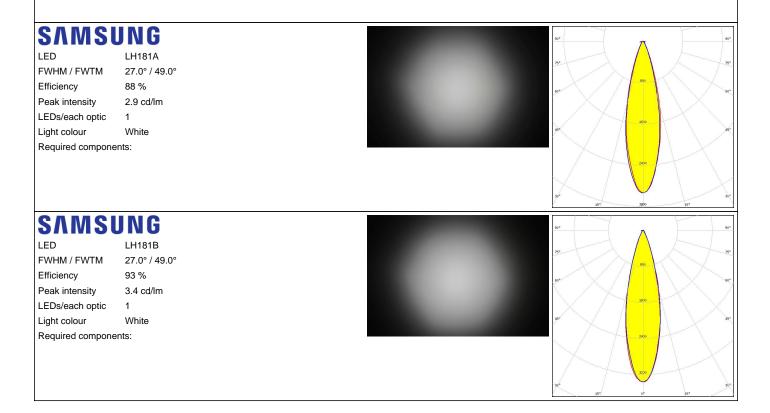
 Light colour
 White

 Required components:
 Kentersite

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





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 ⁺	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°	



OPTICAL RESULTS (SIMULATED):

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	9° 9° 9° 9° 9° 9° 9° 90 90 9° 90 90 9° 9° 90 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9°
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	5°, 5°, 5°, 5°, 5°, 5°, 5°, 5°, 5°, 5°,
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	5° 500 6° 6° 600 6° 500 6° 500 6° 500 6° 500 6°
CUMILEC 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	20 20 20 20 20 20 20 20 20 20



OPTICAL RESULTS (SIMULATED):

	DS	909
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	20 21 22 23 23 23 23 23 23 23 23 23
)S	90*
LED 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	200 200 200 200 200 200 200 200
Μ ΝΙCΗΙΛ		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 28.0° / 47.0° 94 % 3.7 cd/m 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3030 28.0° / 46.0° 96 % 3.8 cd/lm 1 White	94* 99 95* 900 72 90* 90 90* 90 200 90 200 90 200 90 90* 90 90 90 90* 90 90 90 90 90 90 90 90 90 90 90 90 90 9



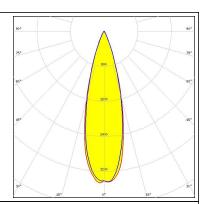
OPTICAL RESULTS (SIMULATED):

1

OSRAM

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:

OSLON Square CSSRM2/CSSRM3 28.0° / 48.0° 94 % 3.5 cd/lm White



OSRAM Opto Semiconductor

LED		
FWHM / FWTM		
Efficiency		
Peak intensity		
LEDs/each optic		
Light colour		
Required components:		

OSLON Square EC 29.0° % 3.2 cd/lm 1 White

OSRAM Opto Semiconductors		
LED	SFH 4170S	
FWHM / FWTM	28.0° / 44.0°	
Efficiency	88 %	
LEDs/each optic	1	
Light colour	IR	gr as
Required components:		200 200 200 200 200 200 200 200 200 200



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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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