

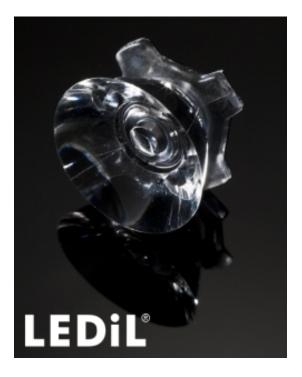
HEIDI-RS

~8° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	11.7 mm
Fastening	tape, pin
ROHS compliant	yes 🛈

PRODUCT DATASHEET CA11663_HEIDI-RS



MATERIAL SPECIFICATIONS:

Component HEIDI-RS HEIDI-TAPE **Type** Single lens Tape

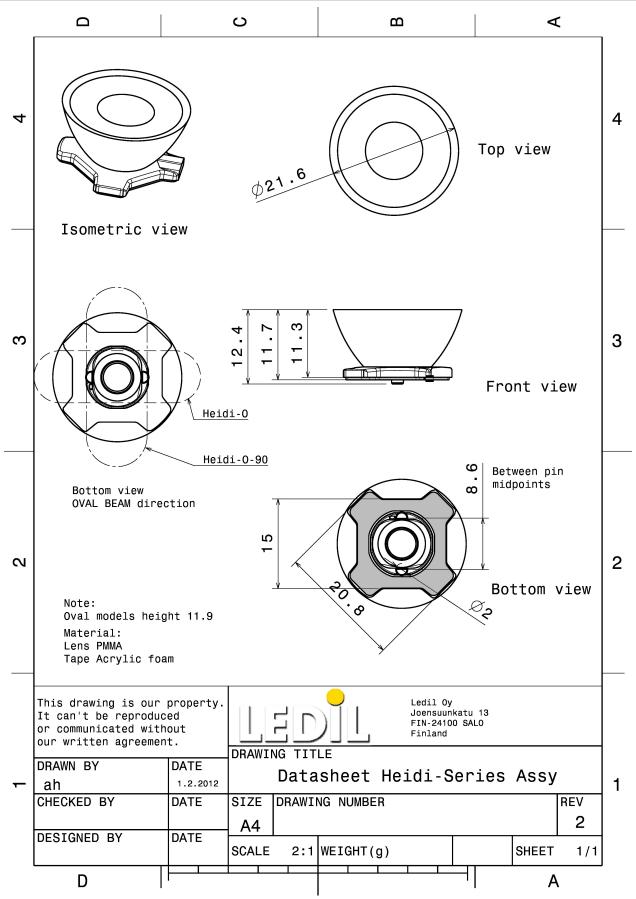
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11663_HEIDI-RS	Single lens	3264	204	204	10.4
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET CA11663_HEIDI-RS



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



LED	XB-D White		
FWHM / FWTM	8.0°		
Efficiency	91 %		
Peak intensity	19.7 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone	ents:		
	5		
	XB-H		
FWHM / FWTM	10.0° / 19.0°		
Efficiency Book intonsity	90 % 18.3 cd/lm		
Peak intensity			
LEDs/each optic	1 White		
Light colour Required compone			
Required compone	ents:		
	D		90*
LED	XP-E		75
FWHM / FWTM	8.0° / 18.0°		
Efficiency	93 %		60°
Peak intensity	26.8 cd/lm		
LEDs/each optic	1		
Light colour	White		a.
Required compone	ents:		1000
			-30° - 35° - 3
	ס		90* A
LED	XP-E2		
FWHM / FWTM	8.0° / 14.0°		73.
Efficiency	90 %		
Peak intensity	38 cd/lm		$\square \land / / / \square \land \land \land ?$
LEDs/each optic	1		$\blacksquare \times / / \blacksquare \land \land \times$
Light colour	White		g
Required compone			
			300



			
	2		
LED	XP-G		
FWHM / FWTM	9.0° / 20.0°		
Efficiency	93 %		
Peak intensity	16.6 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required compone			
	2		50° 50°
			90°
LED	XP-G2		75
FWHM / FWTM	11.0° / 20.0°		
Efficiency	91 %		6400 64 ⁰
Peak intensity	19.1 cd/lm		
LEDs/each optic	1		
Light colour	White		47 ⁻ 42 ⁻
Required compone	ents:		
			30° 1006 30° 30°
	D		50* 50°
LED	XQ-E HD		
FWHM / FWTM	6.0° / 12.0°		
Efficiency	94 %		
Peak intensity	42.1 cd/lm		60* 60*
LEDs/each optic	1		
Light colour	White		45° 45°
Required compone	ents:		
			125 00 320
	2		90*
LED	XQ-E HI		
FWHM / FWTM	5.0° / 11.0°		73*
Efficiency	94 %		
Peak intensity	55.2 cd/lm		
LEDs/each optic	1		X / T + X
Light colour	White		43. AS
Required compone			
			an



		50*
LED	– XT-E	
FWHM / FWTM	10.0° / 21.0°	27
Efficiency	97 %	
Peak intensity	17.2 cd/lm	50* 600
LEDs/each optic	1	
Light colour	White	5° / / / /
Required compone		
		30
		35
UMIL	EDS	so*
LED	LUXEON C	75
FWHM / FWTM	7.0° / 14.0°	
Efficiency	92 %	90
Peak intensity	35.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	2000
		30°
LUMIL	EDS	80*
		90°
LED	LUXEON T	90°
LED FWHM / FWTM		9 ¹
LED FWHM / FWTM Efficiency	LUXEON T 11.0° / 20.0° 92 %	50° 75 60°
LED FWHM / FWTM Efficiency Peak intensity	LUXEON T 11.0° / 20.0°	59°*
LED FWHM / FWTM Efficiency	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm	5°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White	94 94 69 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White	91 ⁴ 37 91 91 91 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White	91 37 91 91 91 91 91 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White hts: EDS LUXEON TX	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White hts: EDS LUXEON TX 10.0° / 20.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 % 19.5 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 % 19.5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 % 19.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 % 19.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 % 19.5 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON T 11.0° / 20.0° 92 % 16.3 cd/lm 1 White nts: EDS LUXEON TX 10.0° / 20.0° 90 % 19.5 cd/lm 1 White	



ΜΝΙCΗΙΛ

LED	NCSxx19A			
FWHM / FWTM	8.0° / 18.0°			
Efficiency	89 %			
Peak intensity	19 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required components:				

ØNICHIΛ

LED	NCSxx19B			
FWHM / FWTM	9.0° / 18.0°			
Efficiency	90 %			
Peak intensity	25.2 cd/lm			
LEDs/each optic	1			
Light colour	White			
Required components:				



ΜΝΙCΗΙΛ

 LED
 NVSxx19A

 FWHM / FWTM
 10.0° / 23.0°

 Efficiency
 89 %

 Peak intensity
 13.9 cd/lm

 LEDs/each optic
 1

 Light colour
 White

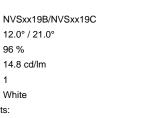
 Required components:
 1

ØNICHI/	١	50° 50°
LED	NVSxx19B/NVSxx19C	75*
FWHM / FWTM	12.0° / 26.0°	
Efficiency	92 %	60*
Peak intensity	13.9 cd/lm	
LEDs/each optic	1	\times / \wedge
Light colour	White	45*
Required compone	ents:	800
		\times / \times /
		300 300

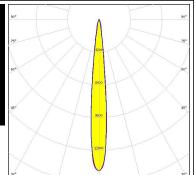


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X	N	10	н	
N				

LEDNVSx:FWHM / FWTM12.0°Efficiency96 %Peak intensity14.8 cLEDs/each optic1Light colourWhiteRequired components:







OSRAM Opto Semiconductors

LEDOFWHM / FWTM10Efficiency85Peak intensity20LEDs/each optic1Light colourWRequired components:

OSLON Square CSSRM2/CSSRM3 10.0° / 20.0° 89 % 20.8 cd/lm 1 White



OSRAM Opto Semiconductors

LEDOFWHM / FWTM7.Efficiency92Peak intensity24LEDs/each optic1Light colourWRequired components:

OSLON SSL 150 7.0° / 16.0° 93 % 24.7 cd/lm 1 White ents:

Efficiency 94 % Peak intensity 14.9 cd/lm LEDs/each optic 1 Light colour White				
FWHM / FWTM 8.0° / 24.0° Efficiency 94 % Peak intensity 14.9 cd/lm LEDs/each optic 1		30° A	JNG	SAMSU
FWHM / FWTM 8.0° / 24.0° Efficiency 94 % Peak intensity 14.9 cd/lm LEDs/each optic 1 Light colour White			LH181A	LED
Peak intensity 14.9 cd/lm LEDs/each optic 1 Light colour White			8.0° / 24.0°	FWHM / FWTM
LEDs/each optic 1 Light colour White		60°	94 %	Efficiency
Light colour White		6300 × 1	14.9 cd/lm	Peak intensity
			1	LEDs/each optic
Required components:		455	White	Light colour
			ents:	Required componer
30* 100	15.	30°		



รлмรเ		90° 30
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH181B 9.0° / 24.0° 94 % 15 cd/lm 1 White	
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LH351Z 11.0° / 19.0° 89 % 20.7 cd/lm 1 White	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5 7.0° / 16.0° 93 % 32.7 cd/lm 1 White nts:	
seous seniconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M1/Z5M2 11.0° / 19.0° 94 % 17.8 cd/lm 1 White hts:	90° 90 75° 90 60° 900 60° 900 75° 00 1000 1000 1000 1000 1000 1000 1000



	DS Contraction of the second se	90 ⁶
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2X 14.0° / 26.0° 94 % 11.1 cd/lm 1 White	27 27 27 27 27 20 20 20 20 20 20 20 20 20 20
)S	90° 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix (white) 6.0° / 14.0° 96 % 47.2 cd/lm 1 White	
		130 55000 15°
CLUMILEE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (120 deg) 8.0° / 16.0° 96 % 30 cd/lm 1 White	94 75 75 75 75 75 75 75 75 75 75
	5	
CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (150 deg) 8.0° / 17.0° 91 % 28.5 cd/lm 1 White	30°



)S	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES 7.7° / 17.0° 94 % 33.3 cd/lm 1 White	200 - 12 ⁴ - 22 ⁴ -
	JS	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 10.0° / 19.0° 94 % 22.1 cd/lm 1 White	20 40 40 40 40 40 40 40 40 40 4
		15° 0° 35°
WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSW519A 14.0° / 28.0° 92 % 9.4 cd/lm 1 White	30° 0° 10° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 8.0° / 20.0° 93 % 20.6 cd/lm 1 White	59 ⁴ 59 ⁴



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3030 7.1° / 16.0° 96 % 34.6 cd/lm 1 White	20°
OSRAM		90* 90*
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON PURE 1010 (GW VJLPE1) 8.0° / 16.0° 93 % 29.2 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square EC 12.0° % 11.8 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4170S 6.0° / 14.0° 88 % 1 IR	21. 0. 12. 0. 21. 0. 12. 0. 21. 0. 21. 0. 21. 0. 22. 0. 23. 0. 24. 0. 25. 0. 26. 0. 26. 0. 26. 0. 27. 0. 26. 0.



SAMSU	NG	50° A 50°
LED	LH351B	
FWHM / FWTM	12.0° / 22.0°	25.
Efficiency	94 %	60°
Peak intensity	14.2 cd/lm	
LEDs/each optic	1	
Light colour	White	43 ²
Required components	:	
		30- 22- 01 25-
SAMSU	NG	50 ⁴
LED	LH351C	
FWHM / FWTM	12.0° / 24.0°	23. 22.
Efficiency	95 %	60° 60°
Peak intensity	13.4 cd/lm	$K \propto 1 \propto 2$
LEDs/each optic	1	
Light colour	White	42*
Required components	:	3° 27 0 27 30



PRODUCT DATASHEET CA11663_HEIDI-RS

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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