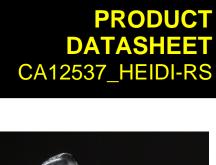


HEIDI-RS

~8° spot beam

TECHNICAL SPECIFICATIONS:

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





MATERIAL SPECIFICATIONS:

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

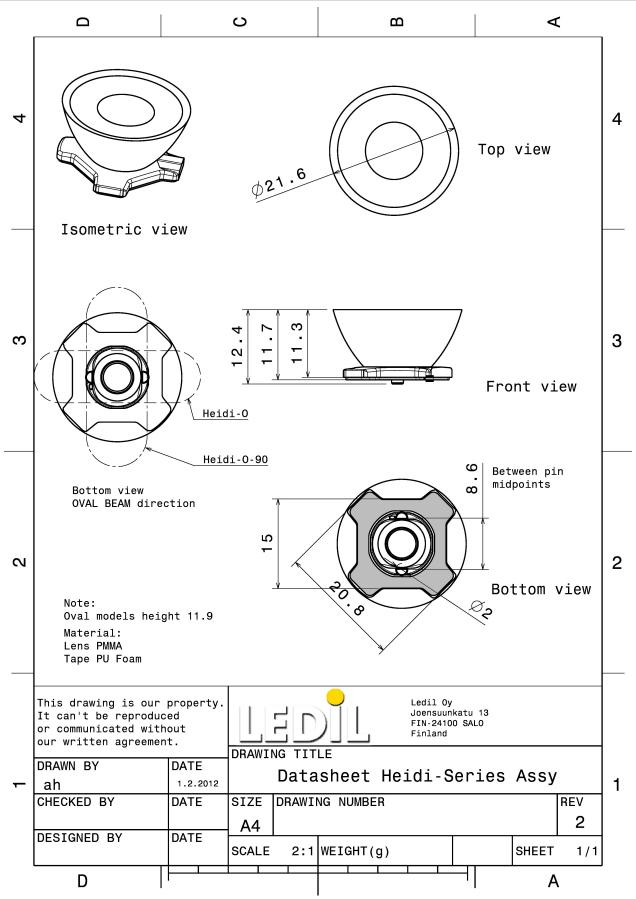
Colour	Finish
clear	
black	
	clear

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12537_HEIDI-RS	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					



PRODUCT DATASHEET CA12537_HEIDI-RS



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



	D		90° A 90
LED	XP-G2		
FWHM / FWTM	10.0° / 18.0°		78.
Efficiency	94 %		
Peak intensity	20 cd/lm		
LEDs/each optic	1		
Light colour	White		47° 45
Required compone			12000
			30-
			129 00 129 1
			90*
LED	XP-G3		75.
FWHM / FWTM	12.0° / 23.0°		200
Efficiency	94 %		601 X / / / / 60
Peak intensity	13 cd/lm		
LEDs/each optic	1		
Light colour	White		er e
Required compone	ents:		300
			30 ⁶ 36
	_		
CREE ÷ LEI	D		90 ⁺ 90
			90*
LED	XP-L HD		<u>2</u> , <u>5</u>
LED FWHM / FWTM	XP-L HD 15.0° / 29.0°		27 27 29
LED FWHM / FWTM Efficiency	XP-L HD 15.0° / 29.0° 89 %		200 200 20 32: 23 23
LED FWHM / FWTM Efficiency Peak intensity	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm		90 ³ 90 75 72 90 ⁴ 320 320
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-L HD 15.0° / 29.0° 89 %		91 ³ 91 ³ 91 ⁴ 92 92 92 92 92 92 92 92 92 92 92 92 92
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		94 ⁴ 75 60 ⁴ 200 97 77 78 78 78 78 78 78 78 78 78 78 78 78
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		91 ⁴ 92 72 60 ⁴ X00 60 9 ⁴ 30 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		23°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		23°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		23°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		23°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: LUXEON A 11.0° / 20.0° 87 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MUMIL LED FWHM / FWTM Efficiency Peak intensity	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: LUXEON A 11.0° / 20.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Mediate Compone Efficiency Peak intensity LEDs/each optic	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: EDS LUXEON A 11.0° / 20.0° 87 % 15.6 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: EDS LUXEON A 11.0° / 20.0° 87 % 15.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Mediate Compone Efficiency Peak intensity LEDs/each optic	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: EDS LUXEON A 11.0° / 20.0° 87 % 15.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Component Required component Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: EDS LUXEON A 11.0° / 20.0° 87 % 15.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Compose Equired compone Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: EDS LUXEON A 11.0° / 20.0° 87 % 15.6 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Compose Equired compone Efficiency Peak intensity LEDs/each optic Light colour	XP-L HD 15.0° / 29.0° 89 % 8.3 cd/lm 1 White ents: EDS LUXEON A 11.0° / 20.0° 87 % 15.6 cd/lm 1 White		



	EDS	
LED	LUXEON Rebel	
FWHM / FWTM	8.0° / 17.0°	
Efficiency	88 %	
Peak intensity	26 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
	FDS	
	LUXEON Rebel ES	
FWHM / FWTM	11.0° / 20.0°	
Efficiency Book intensity	86 %	
Peak intensity	15.1 cd/lm	
LEDs/each optic	1 W/bito	
Light colour Required compone	White	
Required compone	1115.	
	SST-10-B130	و ۲۰۵۲ و ۲۰۵۲ و ۲۰۵۲ و ۲۰۵۲ و ۲۰۵۲ و ۲۰۵۶ و ۲۰۹۶ و ۲۰۹
FWHM / FWTM	8.0° / 16.0°	75
Efficiency	96 %	
Peak intensity	27.9 cd/lm	
LEDs/each optic	1	
Light colour	Blue	97
Required compone		12000
		20 ⁵
ØNICHI/	\	30 ⁶ 0 ⁷ 13 ⁵ 0 ⁷
	NVSW219D	
NICHI/ LED FWHM / FWTM		1000
LED	NVSW219D	
LED FWHM / FWTM	NVSW219D 11.0° / 21.0°	
LED FWHM / FWTM Efficiency	NVSW219D 11.0° / 21.0° 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NVSW219D 11.0° / 21.0° 94 % 14.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	NVSW219D 11.0° / 21.0° 94 % 14.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D 11.0° / 21.0° 94 % 14.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D 11.0° / 21.0° 94 % 14.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219D 11.0° / 21.0° 94 % 14.3 cd/lm 1 White	



ØNICHI/		30'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B 13.0° / 25.0° 94 % 11.4 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A 13.0° / 27.0° 92 % 9.7 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW519A 14.0° / 33.0° 93 % 8 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NWSx229A 16.0° / 32.0° 87 % 7 cd/lm 1 White	



OSRAM		
Opto Semiconductors	OSLON SSL 150	90*
EED FWHM / FWTM	7.0° / 16.0°	75. 73
Efficiency	89 %	
Peak intensity	28.5 cd/lm	
LEDs/each optic	1	
Light colour	White	63 ¹
Required componer	nts:	
		30*
OSRAM Opto Semiconductors		
LED FWHM / FWTM	PLPVEC2 850A 6.0° / 16.0°	
Efficiency	%	
LEDs/each optic	²⁰ 1	
Light colour	IR	
Required componer		
SENI		
SEGUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Z5M3 11.0° / 23.0° 94 %	90 ⁴ 92 70 70 70 70
SEOUL SEMICONDUCTOR		
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 23.0° 94 %	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 23.0° 94 % 12.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	11.0° / 23.0° 94 % 12.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	11.0° / 23.0° 94 % 12.5 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	11.0° / 23.0° 94 % 12.5 cd/lm 1 White tts:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	11.0° / 23.0° 94 % 12.5 cd/lm 1 White hts: Z8Y22P	
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SECOUL SEMICONDUCTOR LED	11.0° / 23.0° 94 % 12.5 cd/lm 1 White tts:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SEOUL SEMICONDUCTOR LED FWHM / FWTM	11.0° / 23.0° 94 % 12.5 cd/lm 1 White hts: Z8Y22P 12.0° / 25.0°	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	11.0° / 23.0° 94 % 12.5 cd/lm 1 White hts: Z8Y22P 12.0° / 25.0° 94 %	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	11.0° / 23.0° 94 % 12.5 cd/lm 1 White hts: Z8Y22P 12.0° / 25.0° 94 % 10.7 cd/lm	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 23.0° 94 % 12.5 cd/lm 1 White hts: Z8Y22P 12.0° / 25.0° 94 % 10.7 cd/lm 1 White	



CREE LED	XHP35 HI 12.0° / 22.0° 96 % 14.2 cd/lm 1 White	2)- 2)- 2)- 2)- 2)- 2)- 2)- 2)-
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE 12.0° / 26.0° 95 % 12 cd/lm 1 White	20° 1000 20° 20° 20°
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON HL2X 14.0° / 26.0° 95 % 11.6 cd/lm 1 White	59* 59* 50* 50* 60* 605 605 605 60* 60* 60* 60* 60* 60* 60* 60*
WHILED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	LUXEON IR Domed 150 11.0° / 22.0° 94 % 1 White	



)S	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	LUXEON IR Domed 90 11.0° / 23.0° 94 % 1 White	
)S	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON R 11.0° / 20.0° 92 % 16.5 cd/lm 1	
Light colour Required components:	White	9 ² 0 ²
	S	90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (120 deg) 8.0° / 16.0° 96 % 30.1 cd/lm 1 White	
CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (150 deg) 7.8° / 17.0° 93 % 29.8 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



	DS	50* 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (150 deg) 8.0° / 16.0° 92 % 28.9 cd/lm 1 White	
)S	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 35 Line 7.8° / 17.0° 94 % 31.4 cd/lm 1 White	50
		30° 35° 35°
MUMILED	DS	90* 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON TX 10.0° / 20.0° 96 % 19.3 cd/lm 1 White	73° 61° 53° 53° 53° 53° 53° 53° 53° 53° 53° 53
WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4WB35AM 16.0° / 30.0° 96 % 8 cd/lm 1 White	
		34° 15° 0° 15°



		
WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 10.0° / 20.0° 94 % 19.4 cd/lm 1 White	25° 0° 12° 27° 0° 12°
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 12.0° / 22.0° 95 % 15 cd/lm 1 White	20 Point 2 Poi
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ C 2424 8.0° / 18.0° 96 % 26.6 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 Flat 10.0° / 22.0° 96 % 16.5 cd/lm 1 White	20 10 10 10 10 10 10 10 10 10 1



OSRAM		90° 90°
Opto Semiconductors	OSLON Black	
FWHM / FWTM	11.0° / 22.0°	75* 75*
Efficiency	93 %	
Peak intensity	16.8 cd/lm	60°
LEDs/each optic	1	
Light colour	White	45*
Required components:	Wille	(X X)
		12800
		30° 15° 0° 15°
OSRAM Opto Semiconductors		90° 90°
LED	OSLON Black Flat	
FWHM / FWTM	7.3° / 15.0°	25'
Efficiency	94 %	
Peak intensity	38.3 cd/lm	\wedge / / / \wedge \wedge \wedge
LEDs/each optic	1	X /
Light colour	White	9°
Required components:		
		30* 3300 36*
		15° 0° 15°
0 0 0 0 0 0 0 0		
SAMSUN	IG	90°
	LH351D	90°
		39°
LED	LH351D	64
LED FWHM / FWTM Efficiency Peak intensity	LH351D 16.0° / 29.0°	69* 22% 735 735 735 735 735 735 735
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1	64 62 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm	64 62 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1	6. 6. 2. 2.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1	64 62 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1	6. 6. 2. 2.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1	6. 6. 2. 2.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1	6. 6. 200 2. 2.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White	6. 6. 200 2. 2.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: second semiconductor LED	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4	6. 6. 2. 2.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SECOUL SEMICONDUCTOR LED FWHM / FWTM	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0°	Bit Bit Bit
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: seoul semeconouctor LED FWHM / FWTM Efficiency	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 %	Bit Bit Bit
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm	64 85 36 95 36 95 96 95 97 95 96 95 96 95 96 95 96 95 97 95 96 95 96 95 96 95 97 95 96 95 97 95 96 95 97 95 96 95 97 95 96 95 96 95 96 95 96 95 96 95 96 95 96 95 96 95 96 95 97 95 96 95 96 95 96 95 97 95 96 95 97 95 96 95 97 95 97 95 96 95 97 95 96 95 97 95 96 95 97 95 96 95 97
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm	60, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 29.0° 94 % 8.2 cd/lm 1 White Z5M4 12.0° / 25.0° 96 % 13 cd/lm 1	



PRODUCT DATASHEET CA12537_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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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