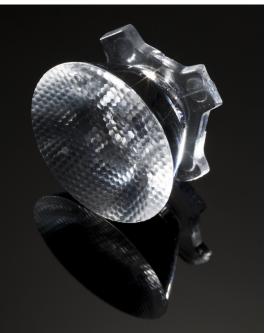


HEIDI-SS

~15° smooth spot beam

SPECIFICATION:

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



PRODUCT DATASHEET CA12242_HEIDI-SS

LEDiL

MATERIALS:

Component **HEIDI-SS** HEIDI-TAPE

Туре Single lens Таре

Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

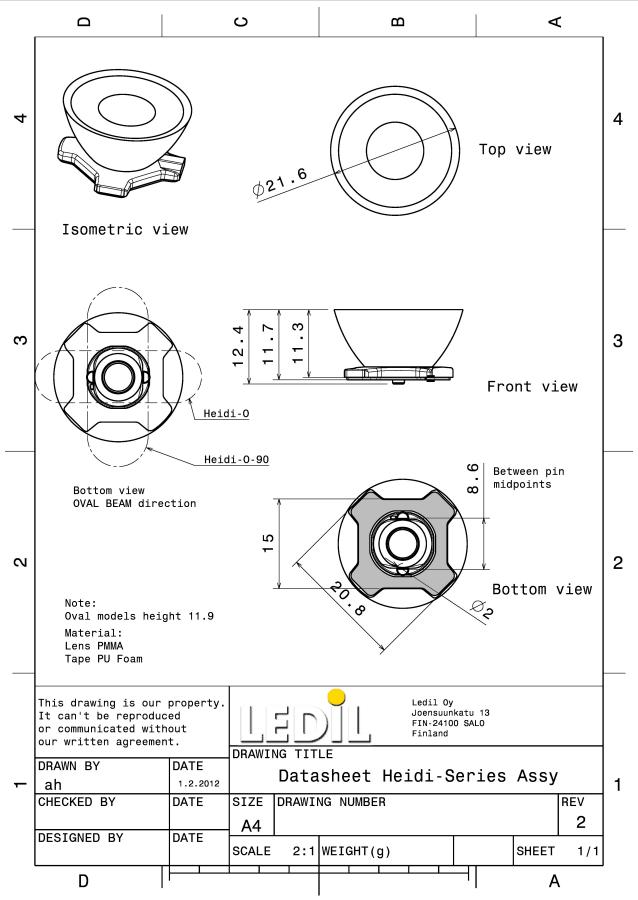
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12242_HEIDI-SS	Single lens	3264	204	204	11.1
» Box size: 480 x 280 x 300 mm					

ox size: 480 x 280 x 300 mm



PRODUCT DATASHEET CA12242_HEIDI-SS



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



		av
LEDS FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E 13.0° / 28.0° 95 % 10.7 cd/lm 1 White nts:	
CREE LED FWHM / FWTM Efficiency Peak intensity	XP-G 15.0° / 33.0° 95 % 8 cd/lm	90° 92° 72° 72° 72° 72° 72° 72° 72° 72° 72° 7
LEDs/each optic Light colour Required compone	1 White nts:	
LED	XQ-E HD 12.0° / 27.0°	90 ⁴ 70 ²
Efficiency Peak intensity LEDs/each optic Light colour	94 % 11.1 cd/lm 1 White	
Required compone	nts:	
CREE LED FWHM / FWTM	XQ-E HI 12.0° / 28.0°	95 ³ 95 ⁷ 25
Efficiency Peak intensity LEDs/each optic Light colour	92 % 10 cd/lm 1 White	er 600 er
Required compone	nts:	34° 25' 0° 35'



🕙 LUMIL	.EDS		90*
LED	LUXEON C		
FWHM / FWTM	13.0° / 28.0°		
Efficiency	87 %		
Peak intensity	9.8 cd/lm		50 ⁴
LEDs/each optic	1		
Light colour	White		97 X
Required compone			600
			30°
			15° 0° 15°
UMIL	.EDS		90*
LED	LUXEON T		
FWHM / FWTM	15.0° / 33.0°		1500
Efficiency	87 %		
Peak intensity	7.3 cd/lm		
LEDs/each optic	1		
Light colour	White		4500
Required compone	ents:		
			30* 105 9850 157
MNICHI			90°
	NCSxx19A		55 ⁴
			30*
LED	NCSxx19A		90* 5
LED FWHM / FWTM Efficiency Peak intensity	NCSxx19A 14.0° / 31.0°		99*
LED FWHM / FWTM Efficiency	NCSxx19A 14.0° / 31.0° 95 %		99*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/Im 1 White		50* 5 75* 5 95* 5 95 5 95* 5 95 5 95* 5 95 5 5 95 5 5 5 5 5 5 5 5 5 5 5 5 5 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/Im 1 White		200 C
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/Im 1 White		77 191 191 191 191
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/Im 1 White		77 191 191 191 191
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/Im 1 White		77 191 191 191 191
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents:		735 667 520 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents:	0111.0227-0_102049	25 ⁻ 800 12 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents:		25 ⁻ 800 12 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents:		25 ⁻ 800 12 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0° 86 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0°	CLUX.EER 6, MINOR	25 ⁻ 800 12 ⁻
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0° 86 % 8.5 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0° 86 % 8.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIV LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0° 86 % 8.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIV LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0° 86 % 8.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CONCENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NCSxx19A 14.0° / 31.0° 95 % 8.8 cd/lm 1 White ents: NCSxx19B 15.0° / 32.0° 86 % 8.5 cd/lm 1 White		



-			
MNICHI	k	50°	90'
LED	NVSxx19A		
FWHM / FWTM	15.0° / 34.0°	27	75
Efficiency	95 %		<hr/>
Peak intensity	7.3 cd/lm		
LEDs/each optic	1		
Light colour	White	g*	45'
Required compone			
		600	
			36
		20° (10) (10) (10) (10) (10) (10) (10) (10)	30
ØNICHI		50*	90
LED	NVSxx19B/NVSxx19C		
FWHM / FWTM	18.0° / 38.0°		75
Efficiency	87 %	500 J	
Peak intensity	6 cd/lm		
LEDs/each optic	1		
Light colour	White	a.	45
Required compone	nts:		
		400	
			1
		200	36'
		137 640 137°	
OSRAM Opto Semiconductors		50°	90
OSRAM Opto Semiconductors	OSLON SSL 150	59*	90'
OSRAM Opto Semiconductors LED FWHM / FWTM	OSLON SSL 150 13.0° / 26.0°	50°	90 ⁴ 75 ⁴
LED FWHM / FWTM		50°	
LED FWHM / FWTM Efficiency	13.0° / 26.0°	90° 725 60°	90 ¹ 75 ¹ 60 ¹
LED FWHM / FWTM Efficiency Peak intensity	13.0° / 26.0° 96 %	75 61 10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 96 % 11.5 cd/lm	90* 725 60* 92*	
LED FWHM / FWTM Efficiency Peak intensity	13.0° / 26.0° 96 % 11.5 cd/lm 1 White	75 61 10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White	75 61 10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White	75 61 10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White	75 61 10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	13.0° / 26.0° 96 % 11.5 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts:	75 61 10	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	13.0° / 26.0° 96 % 11.5 cd/lm 1 White nts: OSLON SSL 80 13.0° / 30.0° 95 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm 1		60 60 8 8 8 8 8
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm 1 White		60 60 99 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm 1 White		60 60 99 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm 1 White		60 60 8 8 8 8 8
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm 1 White		60 60 99 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 96 % 11.5 cd/lm 1 White hts: OSLON SSL 80 13.0° / 30.0° 95 % 9.3 cd/lm 1 White		



SAMSUNG LED LH181A FWHM / FWTM 15.0° / 36.0° Efficiency 88 % Peak intensity 5.6 cd/lm	90°
FWHM / FWTM 15.0° / 36.0° Efficiency 88 %	
Efficiency 88 %	
Peak intensity 5.6 cd/lm	1000 Fee
	$/ \land X $
LEDs/each optic 1	
Light colour White	42*
Required components:	
	400
306	00 250 300
SAMSUNG	N 90*
LED LH181B	
FWHM / FWTM 15.0° / 36.0°	
Efficiency 93 %	1600
Peak intensity 6.3 cd/lm	
LEDs/each optic 1	320
Light colour White	43.
Required components:	$X \to X$
	4600
	$I \setminus X$
34	6450 30°
35	0° 25°
SEOUL SEMICONDUCTOR	90*
LED Z5	
FWHM / FWTM 13.0° / 28.0°	
Efficiency 95 %	3200 60°
Peak intensity 10.1 cd/lm	$// \land \land \bigtriangledown $
LEDs/each optic 1	
Light colour White	6430
Required components:	X
Required components:	
Required components:	1000
Required components:	0° 15°
	0, 72, 92,
seoul semiconductor	of 127 30'
seous semiconductor LED Z5M1/Z5M2	
secure 25M1/25M2	1000 64 722 95
store 25500/2500/25000/25000/2500/2000/2000/2000/2000/2000/2000/2000/2000/2000/2000/2000000	
stout stanconductor LED Z5M1/Z5M2 FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 7.9 cd/lm	225 25 25
SEGUE SEMICONDUCTOR 25M1/Z5M2 FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 7.9 cd/lm LEDS/each optic 1	2000 2000 2000 2000 2000 2000 200 200 2
SECUL SEMICONDUCTOR LED Z5M1/Z5M2 FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 7.9 cd/m LEDs/each optic 1 Light colour White	
SEQUE SEMICONDUCTOR LED Z5M1/Z5M2 FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 7.9 cd/m LEDs/each optic 1 Light colour White	200 200 90 90 90 90 90 90 90 90 90 90 90
SEQUE SEMICONDUCTOR LED Z5M1/Z5M2 FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 7.9 cd/m LEDs/each optic 1	2000 2000 2000 2000 2000 2000 200 200 2
SEGUL SEMICONDUCTOR LED Z5M1/Z5M2 FWHM / FWTM 14.0° / 32.0° Efficiency 91 % Peak intensity 7.9 cd/m LEDs/each optic 1 Light colour White	200 200 90 90 90 90 90 90 90 90 90 90 90



CREE ≑		90*
LEDS	XP-G2 HE	
FWHM / FWTM	16.0° / 32.0°	75* 75*
Efficiency	94 %	
Peak intensity	7.5 cd/lm	60°
LEDs/each optic	1	
Light colour	White	g
Required components:	White	
		6430
		300 300
		30° 8000 30° 30°
		90° A 90°
LED	XP-G3	
FWHM / FWTM	17.0° / 32.0°	25° 73°
Efficiency	94 %	
Peak intensity	7.8 cd/lm	2200 R
LEDs/each optic	1	
Light colour	White	est ess
Required components:		
		6400
		30+ 8500 30+
		15° 0° 15°
	05	50° A 50°
	LUXEON 3030 HE Plus	99*
		99 ⁴ 99 ⁴
LED	LUXEON 3030 HE Plus	50°
LED FWHM / FWTM	LUXEON 3030 HE Plus 14.0° / 28.0°	60- 230 20- 23- 25- 25- 25- 25- 25- 25- 25- 25- 25- 25
LED FWHM / FWTM Efficiency	LUXEON 3030 HE Plus 14.0° / 28.0° 95 %	99 ⁴ 99 730 730 730 757
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm	59 ⁴ 75 64 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White S LUXEON HL2Z	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White S LUXEON HL2Z 14.0° / 28.0°	50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White S LUXEON HL2Z 14.0° / 28.0° 96 %	50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White S LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White S LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: With Components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3030 HE Plus 14.0° / 28.0° 95 % 11 cd/lm 1 White LUXEON HL2Z 14.0° / 28.0° 96 % 11.1 cd/lm 1	64 120 120 120 120 120 120 120 120



UMILEC)S	90° 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (120 deg) 14.0° / 26.0° 96 % 12.4 cd/lm 1 White	25'
	DS	90 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (150 deg) 14.0° / 26.0° 92 % 12.3 cd/lm 1 White	7°
		157 00 150
CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES 13.0° / 24.0° 94 % 14.9 cd/lm 1 White	200 200 200 200 200 200 200 200
WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 14.0° / 28.0° 95 % 10.8 cd/lm 1 White	50 ⁴ 50 ⁴ 50 ⁵ 50 ⁵ 5



OSRAM Opto Semiconductors LED FWHM / FWTM	OSCONIQ S 3030 (QSLR31) 15.0° / 28.0°	27 26 27
Efficiency	95 %	50° 60°
Peak intensity	11.2 cd/lm	$\Gamma \times / / \square \land \times \square$
LEDs/each optic	1	
Light colour	White	er er
Required components:		30 12 00 12 0 X
OSRAM Opto Semiconductors		90°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	17.0° / 33.0°	
Efficiency	94 %	60* 60*
Peak intensity	8.3 cd/lm	3200
LEDs/each optic	1	
Light colour	White	57
Required components:		
		era
		300 250 00 250 300
OSRAM		
OSRAM Opto Semiconductors		50 ⁺
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	50°
Opto Semiconductors LED FWHM / FWTM	15.0° / 29.0°	50° 25 27
opto Semiconductors LED FWHM / FWTM Efficiency	15.0° / 29.0° 95 %	50° 50°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	15.0° / 29.0° 95 % 10.4 cd/lm	664 200 665 22 25 26 25 26 25
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	15.0° / 29.0° 95 % 10.4 cd/lm 1	99 ⁴ 15
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm	61 230 62 93 230 62
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	15.0° / 29.0° 95 % 10.4 cd/lm 1	5. 6. 5. 6. 5. 6. 6. 6. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1	610 610 610 51 51 51 51 51 51 51 51 51 51 51 51 51
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1	5 ¹ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1	30, 12, 0, 13, 20, 60, 60, 60, 20, 60, 60, 60, 20, 60, 60, 60, 20, 60, 60, 60, 20, 60, 60, 60, 20, 60, 60, 60, 20, 60, 70, 60, 20, 60, 70, 60, 20, 70, 70, 60, 20, 70, 70, 70, 20, 70, 70, 70, 20, 70, 70, 70, 20, 70, 70, 70, 20, 70, 70, 70, 20, 70, 70, 70, 20, 70, 70, 70, 20, 70, 70, 70,
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	15.0° / 29.0° 95 % 10.4 cd/lm 1	300 300 300 300 300 300 300 300 300 300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1	300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	15.0° / 29.0° 95 % 10.4 cd/lm 1 White	300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0°	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 %	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 %	Bit. Bit. 30. 122. 0. 15. Soc. Soc. Soc. Soc.
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 % 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour	15.0° / 29.0° 95 % 10.4 cd/lm 1 White SFH 4170S 15.0° / 23.0° 88 % 1	



OSRAM Opto Semiconductors		
LED FWHM / FWTM	SFH 4170S 14.0° / 24.0°	
Efficiency	88 %	
LEDs/each optic	1	900
Light colour	IR	gr ar
Required component	is:	900 30 ¹⁰ 1200 30 ¹



PRODUCT DATASHEET CA12242_HEIDI-SS

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:

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