

PRODUCT DATASHEET CA14505_G2-LXP2-RS2-P

G2-LXP2-RS2-P

~8.5° spot beam with light, black holder. Assembly with location pins and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	pin, tape
ROHS compliant	yes 🛈



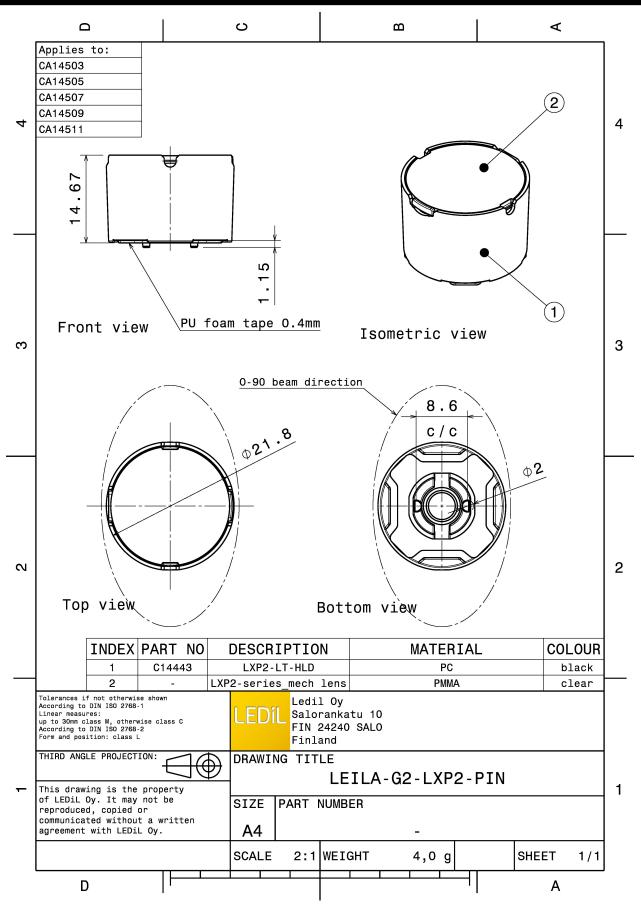
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Таре	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14505_G2-LXP2-RS2-P	Single lens	1680	336	112	8.1
» 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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			90* 90
LED	 XP-E		
FWHM / FWTM	7.0° / 15.0°		78.
Efficiency	88 %		
Peak intensity	34.7 cd/lm		60 ⁵
LEDs/each optic	1		
Light colour	White		432 437
Required compone			
			30.
			125 0 ⁴ 123
			90*
LED	XP-L HD		75*
FWHM / FWTM	14.0° / 29.0°		
Efficiency	90 %		60 ⁵ 3300 60
Peak intensity	9.9 cd/lm		
LEDs/each optic	1		
Light colour	White		45° 451
Required compone	nts:		
			30* 25* 0* 25*
	_		
			90° 6 90'
			90 ⁴
LED	XQ-E HD		25
LED FWHM / FWTM			99°
LED	XQ-E HD 5.0° / 13.0°		99 ⁴ 997
LED FWHM / FWTM Efficiency	XQ-E HD 5.0° / 13.0° 89 %		994 997 175 604 1260 160
LED FWHM / FWTM Efficiency Peak intensity	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm		55° 50 55° 50 55° 50 50° 50 50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White		6)* 1000 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White		22 2000 C
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White		99° 90 33° 200 0° 200 0° 00 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts:		50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 % 40.4 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 % 40.4 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 % 40.4 cd/lm 1 White		69 200 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 % 40.4 cd/lm 1 White		69 200 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 % 40.4 cd/lm 1 White		69 200 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XQ-E HD 5.0° / 13.0° 89 % 42 cd/lm 1 White nts: XQ-E HI 5.0° / 13.0° 88 % 40.4 cd/lm 1 White		69 200 60



🥙 LUMIL	EDS	90° 00 90°
LED	LUXEON Rebel ES	
FWHM / FWTM	9.0° / 20.0°	
Efficiency	90 %	
Peak intensity	17.8 cd/lm	
LEDs/each optic	1	
Light colour	White	gr a
Required compone	ents:	
		30' 30'
	FDS	92 ⁴ 92 ⁹
		9 ⁰ 90
	LUXEON V	25
FWHM / FWTM	14.0° / 32.0° 89 %	
Efficiency		60 ^x 200 60
Peak intensity	8.4 cd/lm 1	
LEDs/each optic	1 White	
Light colour		
Required compone	ins:	602
		20 ⁴ 52 ⁴ 6 ⁴ 52 ⁴
🕙 LUMIL	.EDS	50° 50°
	LUXEON V2	90 ⁴ 90
		25
LED	LUXEON V2	
LED FWHM / FWTM	LUXEON V2 9.0° / 22.0°	
LED FWHM / FWTM Efficiency	LUXEON V2 9.0° / 22.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White Ints:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White Ints: NCSxx19A 6.8° / 18.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White Ints: NCSxx19A 6.8° / 18.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White ints: NCSxx19A 6.8° / 18.0° 89 % 21.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White ints: NCSxx19A 6.8° / 18.0° 89 % 21.3 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White mts: NCSxx19A 6.8° / 18.0° 89 % 21.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White mts: NCSxx19A 6.8° / 18.0° 89 % 21.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White mts: NCSxx19A 6.8° / 18.0° 89 % 21.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON V2 9.0° / 22.0° 90 % 15.7 cd/lm 1 White mts: NCSxx19A 6.8° / 18.0° 89 % 21.3 cd/lm 1 White	



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ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219D 12.0° / 22.0° 93 % 16 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW319B 13.0° / 27.0° 93 % 11.5 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW3x9A 12.0° / 25.0° 89 % 11.4 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW519A 14.0° / 30.0° 92 % 9.9 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



000414		
OSRAM Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	90 ⁴
FWHM / FWTM	8.6° / 19.0°	781
Efficiency	92 %	6400
Peak intensity	20.9 cd/lm	50* 56*
LEDs/each optic	1	
Light colour	White	95* 12800 43*
Required componer		30 257 of 25°
OSRAM Opto Semiconductors		90° 90°
LED	OSLON SSL 150	
FWHM / FWTM	5.0° / 13.0°	$\uparrow \land \uparrow$
Efficiency	90 %	60 ² 200 60 ²
Peak intensity	41.9 cd/lm	
LEDs/each optic	1	
Light colour	White	15°
Required componer	nts:	304 BJ., 04 BJ., 94
OSRAM Opto Semiconductors		90* 90*
LED	OSLON SSL 80	75*
FWHM / FWTM	5.0° / 14.0°	
Efficiency	91 %	60°
Peak intensity	37.1 cd/lm	
LEDs/each optic	1	
Light colour	White	a.
Required component	nts:	26 ¹ 20 ³ 26 ¹ 20 ³ 26 ¹ 20 ³
SAMSL	ING	50° A
LED	LH181A	
FWHM / FWTM	6.0° / 19.0°	
Efficiency	80 %	50° × × × × × × × × × × × × × × × × × × ×
Peak intensity	15.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required component	nts:	30 ⁴ 30 ⁶⁰ 30 ⁷



SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M3 10.0° / 25.0° 88 % 12.3 cd/lm 1 White ints:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z8Y22P 10.0° / 24.0° 84 % 11.6 cd/lm 1 White	



		24000
LED	XP-G2	22000
FWHM / FWTM	10.0° / 20.0°	2000 -
Efficiency	94 %	
Peak intensity	22.2 cd/lm	
	1	1999 -
LEDs/each optic Light colour	White	1000
Required components:	White	8999 -
Required components.		£000
		4000
		2000
		-105.0* -112.5* -40.4* -47.4* -45.4* -45.4* -6.4* -22.4* 45.0* 65.5* 91.1* 112.4* 105.4*
		90° A 90°
LED	XP-G2 HE	
FWHM / FWTM	12.0° / 26.0°	25. 25.
Efficiency	91 %	
Peak intensity	13.3 cd/lm	
LEDs/each optic	1	6400
Light colour	White	er et
Required components:		3600
		30° 30°
		15° 0° 15°
		90* A 90*
LED	XP-G3	
FWHM / FWTM	12.0° / 25.0°	700
Efficiency	91 %	60 ⁴
Peak intensity	13.5 cd/lm	
LEDs/each optic	1	6430
		çi 900
LEDs/each optic	1	
LEDs/each optic Light colour	1	gi Gi
LEDs/each optic Light colour	1	gi Gi
LEDs/each optic Light colour	1	gi Gi
LEDs/each optic Light colour Required components:	1 White	900 900 900 900 900 900 900 900 900 900
LEDs/each optic Light colour Required components:	1 White	gi Gi
LEDs/each optic Light colour Required components:	1 White DS LUXEON HL2X	900 900 900 900 900 900 900 900 900 900
LEDs/each optic Light colour Required components:	1 White DS LUXEON HL2X 14.0° / 26.0°	25° 0° 15° 25° 0° 15° 25° 0° 15°
LEDs/each optic Light colour Required components: UED FWHM / FWTM Efficiency	1 White DS LUXEON HL2X 14.0° / 26.0° 93 %	25° 0° 15° 25° 0° 15° 25° 0° 15°
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity	1 White S LUXEON HL2X 14.0° / 26.0° 93 % 12.6 cd/lm	90° 90° 90° 90° 90° 90° 90° 90°
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White S LUXEON HL2X 14.0° / 26.0° 93 % 12.6 cd/lm 1	00° 00° 00° 00° 00° 00° 00° 00°
LEDs/each optic Light colour Required components: UDMILED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White S LUXEON HL2X 14.0° / 26.0° 93 % 12.6 cd/lm	00° 00° 00° 00° 00° 00° 00° 00°
LEDs/each optic Light colour Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White S LUXEON HL2X 14.0° / 26.0° 93 % 12.6 cd/lm 1	70 70 70 70 70 70 70 70 70 70
LEDs/each optic Light colour Required components: UDMILED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White S LUXEON HL2X 14.0° / 26.0° 93 % 12.6 cd/lm 1	70 70 70 70 70 70 70 70 70 70
LEDs/each optic Light colour Required components: UDMILED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White S LUXEON HL2X 14.0° / 26.0° 93 % 12.6 cd/lm 1	00° 00° 00° 00° 00° 00° 00° 00°



	DS	<u>90*</u>
LED	LUXEON IR Domed 60	73
FWHM / FWTM	9.0° / 23.0°	
Efficiency	93 %	6400 b0
LEDs/each optic	1	
Light colour	IR	43*
Required components:		12000
		36° 1500 50°
)S	90° A 90°
LED	LUXEON T	
FWHM / FWTM	11.0° / 22.0°	
Efficiency	93 %	50°
Peak intensity	17.7 cd/lm	K / / 7
LEDs/each optic	1	[X /] [] X
Light colour	White	47° 65*
Required components:		12000
		30" 10" 30" 30"
)S	90° 50°
LED	LUXEON TX	
FWHM / FWTM		75*
	9.7° / 21.0°	
Efficiency	9.7° / 21.0° 91 %	600 60 ²
Efficiency Peak intensity		97
	91 %	60
Peak intensity LEDs/each optic Light colour	91 % 19.6 cd/lm	6. 6. 6.
Peak intensity LEDs/each optic	91 % 19.6 cd/lm 1	gr
Peak intensity LEDs/each optic Light colour	91 % 19.6 cd/lm 1	gr
Peak intensity LEDs/each optic Light colour	91 % 19.6 cd/lm 1	9
Peak intensity LEDs/each optic Light colour	91 % 19.6 cd/lm 1	gr
Peak intensity LEDs/each optic Light colour	91 % 19.6 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White	200 200 200 200 200 200 200 200
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 %	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm	27° 00° 00° 00° 00° 00° 00° 00° 0
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components:	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm 1	
Peak intensity LEDs/each optic Light colour Required components: NICHIN LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	91 % 19.6 cd/lm 1 White NVSxx19B/NVSxx19C 12.0° / 24.0° 91 % 16.1 cd/lm 1	



MICHIΛ		50° 90°
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	11.0° / 23.0°	3000
Efficiency	88 %	
Peak intensity	15.5 cd/lm	60° (610)
LEDs/each optic	1	X / / X
Light colour	White	gr
Required components:		
		30°
		15% 15000 15% 0% 15%
OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 3030	
FWHM / FWTM	8.0° / 18.0°	23. 22.
Efficiency	92 %	60°
Peak intensity	27.6 cd/lm	
LEDs/each optic	1	
Light colour	Blue	gy
Required components:		see /
		X X
		30° 30°
		15° 0° 15°
OCDAM		
OSRAM Opto Semiconductors		50*
OSRAM Opto Semiconductors LED	OSCONIQ P 3737 Flat	50 ⁺
	OSCONIQ P 3737 Flat 10.0° / 24.0°	30 ⁴ 30 ⁴
LED		50 ⁴ 23 ⁵ 25 ⁶ 50 ⁶ 50 ⁶
LED FWHM / FWTM Efficiency Peak intensity	10.0° / 24.0°	50° 77° 60° 600 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	10.0° / 24.0° 93 % 15.9 cd/lm 1	90° 27 60° 600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm	5° 000 000
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	10.0° / 24.0° 93 % 15.9 cd/lm 1	99 ¹ 27 69 ¹ 60 ² 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1	99 ¹ 99 ¹ 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1	90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 24.0° 93 % 15.9 cd/lm 1	15 ⁵ 0 ⁶ 15 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 24.0° 93 % 15.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat	15 ⁵ 0 ⁶ 15 ⁵
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OPLO Semiconductors LED FWHM / FWTM	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0°	90* 0* 35*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OBSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 %	90* 0* 35*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm	90* 0* 35*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm 1	100 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm	90° 0° 33°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm 1	100 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm 1	100 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm 1	100 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OPTO Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	10.0° / 24.0° 93 % 15.9 cd/lm 1 White OSLON Black Flat 8.0° / 16.0° 90 % 26.5 cd/lm 1	100 00 00 00 00 00 00 00 00 00



OSRAM Opto Semiconductors		90° 90°
LED	OSLON Square Flat	
FWHM / FWTM	8.7° / 19.0°	TO TO
Efficiency	91 %	euo -
Peak intensity	21.4 cd/lm	60°
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:	Will'G	$\mathbf{K} \neq \mathbf{\Gamma} \mathbf{I} \wedge \mathbf{N} \neq \mathbf{I}$
required components.		
OSRAM Opto Semiconductors		90° 90°
Opto Semiconductors	OSLON Square PC	
FWHM / FWTM	11.0° / 22.0°	75'
Efficiency	94 %	
Peak intensity	18.9 cd/lm	64°
LEDs/each optic	1	
Light colour	White	43 ⁴ 43 ⁴
Required components:		12800
		\times / \vee \times
		30- 1900
		30° 30° 30° 30°
OSRAM Opto Semiconductors		90° A 90°
LED	SFH 4715AS	
FWHM / FWTM	7.0° / 19.0°	73
Efficiency	92 %	60° 60°
Peak intensity	24.3 cd/lm	$f \times / / 1 \land \times \uparrow$
LEDs/each optic	1	
Light colour	IR	42° 42°
Required components:		
		100
		\times / / \times
		30" 2000 15" 30"
OSRAM		
Opto Semiconductors		90* 90*
LED	SFH 4716AS	75* 75*
FWHM / FWTM	6.5° / 15.0°	
Efficiency	92 %	60° 60°
Peak intensity	33.4 cd/lm	/ /
LEDs/each optic	1	$ X \neq I $
Light colour	' IR	g*
		ar
Light colour		er et
Light colour		e.
Light colour		8°. 8°.



SAMSUN	IG	99 ⁶
LED	LH351A	
FWHM / FWTM	9.0° / 20.0°	730
Efficiency	91 %	
Peak intensity	21.9 cd/lm	
LEDs/each optic	1	
Light colour	White	gr. 12800 ar.
Required components:		
		200
		304
		15% of 15%
SAMSUN	IG	90* 90*
LED	LH351B	
FWHM / FWTM	10.0° / 23.0°	
Efficiency	92 %	60* 60*
Peak intensity	17.4 cd/lm	
LEDs/each optic	1	
Light colour	White	gr* 67*
Required components:		12200
		300 300
SAMSUN	10	15' 12'00 15'
	10	90* 90*
LED	LH351D	50° 50°
LED FWHM / FWTM	LH351D 16.0° / 30.0°	
LED FWHM / FWTM Efficiency	LH351D 16.0° / 30.0° 91 %	
LED FWHM / FWTM Efficiency Peak intensity	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1	25
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1	5°. 2°. 2°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1	5°. 2°. 2°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1	22. 23. 25.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White	75 66 66 66 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White	75 66 66 66 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White I LH351Z	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0°	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0° 93 %	500 500 500 500 500 500 500 500 500 500
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency LEDs/each optic	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0° 93 % 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0° 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency LEDs/each optic	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0° 93 % 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0° 93 % 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency LEDs/each optic Light colour	LH351D 16.0° / 30.0° 91 % 8.9 cd/lm 1 White LH351Z 9.0° / 19.0° 93 % 1	



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SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z5M1/Z5M2 10.0° / 20.0° 93 % 19.9 cd/lm 1 White	200 00 12° 00° 200 00° 200 00° 200 00° 200 00°
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z5M4 12.0° / 26.0° 94 % 12.9 cd/lm 1 White	201- 201-
seoul sewconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z5P 8.0° / 17.0° 92 % 26.1 cd/lm 1 White	25° 0° 15° 26° 27° 28° 29° 29° 29° 29° 29° 20° 20° 20° 20° 20° 20° 20° 20



PRODUCT DATASHEET CA14505_G2-LXP2-RS2-P

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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