

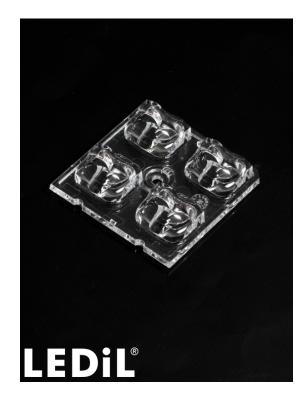
# PRODUCT DATASHEET C17141\_STRADA-2X2-5050-T2-M

## STRADA-2X2-5050-T2-M

IESNA Type II (medium) beam with excellent illuminance uniformity and cutoff. Variant optimized for flat 5050 size LED packages.

### **SPECIFICATION:**

Dimensions	50.0 x 50.0 mm
Height	7.2 mm
Fastening	screw
ROHS compliant	yes 🛈



### MATERIALS:

Component STRADA-2X2-5050-T2-M

Туре
Multi-lens

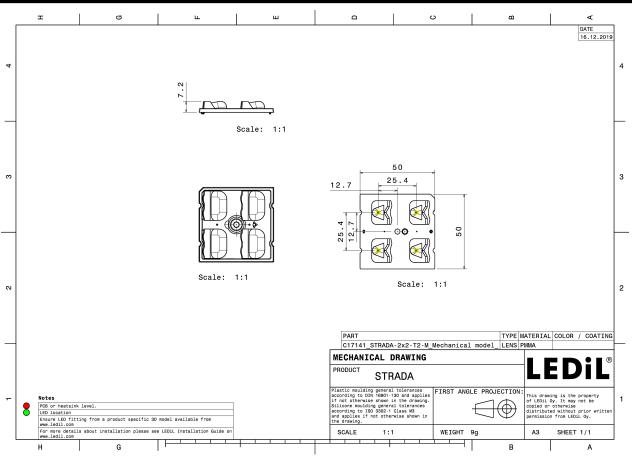
Material	Colour	Finish
PMMA	clear	

### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17141_STRADA-2X2-5050-T2-M	800	160	160	7.8
» Box size: 480 x 280 x 300 mm				



# PRODUCT DATASHEET C17141\_STRADA-2X2-5050-T2-M



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



### **OPTICAL RESULTS (MEASURED):**

UMIL	EDS	9°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON XR-5050 SQR (L213-xxxx016MRH001) Asymmetric 95 % 0.5 cd/lm 1 White	
MST Your solut	ions	90° 5
LED	RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1	100
FWHM / FWTM	Asymmetric	
Efficiency	96 %	55*
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour Required compone	White	45* 500
	no.	540 770 39. <sup>4</sup> 13 <sup>4</sup> 13 <sup>4</sup> 13 <sup>4</sup> 13 <sup>4</sup> 13 <sup>4</sup>
PHILIF	PS	
LED	Fortimo FastFlex LED 2x8 DA HE	300
FWHM / FWTM	Asymmetric	
Efficiency	96 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	40
Light colour	White	-65* 500
Required compone	nts:	200 700 800



1		
LED	J Series 5050 Round LES	90* 90*
FWHM / FWTM		75°
	Asymmetric	X
Efficiency	97 % 0.5 cd/lm	60* 60*
Peak intensity		400
LEDs/each optic	1	$\land$
Light colour	White	-6°
Required components:		
		80
		30° 15° 0° 15° 30°
LED	J Series 5050 Round LES	
FWHM / FWTM	Asymmetric	734
Efficiency	92 %	
Peak intensity	0.5 cd/lm	. 60° 60°
LEDs/each optic	1	
Light colour	White	eri 500
Required components:		
····		700
		30* <u>300</u> 13 <sup>5</sup> 0 <sup>6</sup> 15* 30*
		90* 90*
LED	J Series 5050 Round LES	
FWHM / FWTM	Asymmetric	73°
Efficiency	84 %	X X X
Peak intensity	0.4 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 440 45*
Required components:		200
Protective plate	, glass	
		30° 700 30°
	Sorios 5050 Square   ES 6\/	90* 90*
		75* (100 75*)
		X
		.60* 60*
		$X \times / \top \setminus X \times$
	AALUG	-67° - 500 - 65°
Required components:		600
1		
Required components: Protective plate Protective plate CREE (LED) ED WHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	, glass J Series 5050 Square LES 6V Asymmetric 92 % 0.4 cd/lm 1 White	



	VD 00	90* 90*
LED	XP-G2	750 750
FWHM / FWTM	Asymmetric	
Efficiency	91 %	60* 604
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 600 45*
Required components:		
		800
		$\times$ / $\mid$ $\setminus$ $\times$
		30* 35 <sup>3</sup> 300 15* 30*
LED	XP-G2 HE	90"
ED FWHM / FWTM	Asymmetric	73* 100 75*
Efficiency	90 %	
Peak intensity	0.5 cd/lm	60* 200 60*
LEDs/each optic	1	XXX
Light colour	White	
Required components:	White	45* 45*
Required components:		60
		700
		200
		30° 15 <sup>5</sup> 900 10° 30°
CREE - LED		90+ 90*
LED	XP-G3	100
FWHM / FWTM	Asymmetric	
Efficiency	87 %	80 <sup>4</sup> 300 604
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:		
		60
1		00
		00 70 00
		200 779 900 900 900 900 900 900 900 900 9
		70
	YD 00	70
	XP-G3	70
CREE LED LED FWHM / FWTM	Asymmetric	70 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency	Asymmetric 82 %	70 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 82 % 0.4 cd/lm	70 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.4 cd/lm 1	20° 20° 20° 20°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm	700 700 900 90° 90° 90° 90° 90° 90° 90° 90° 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 82 % 0.4 cd/lm 1	900 900 900 900 900 900 900 900 900 900
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 82 % 0.4 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 82 % 0.4 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°



ATT			N 1 N 2 X 2	1-1
	DS	90*	HAVE	90'
LED	LUXEON 5050 HE			
FWHM / FWTM	Asymmetric	75*		
Efficiency	78 %			
Peak intensity	0.3 cd/lm	, <b>1</b> 00 (1	$\vee$ $\land$	~~~~~
LEDs/each optic	1		300	
Light colour	White	45+	400	
Required components:				
Protective pla	te, glass			
		7	600	
		/30*	152 800	15° 30°
	DS	90*	MY K	90*
LED	LUXEON 5050 Round LES			
FWHM / FWTM	Asymmetric	75°		78
Efficiency78Peak intensity0.4LEDs/each optic1	78 %			TN
Efficiency78Peak intensity0.LEDs/each optic1Light colourW	0.4 cd/lm	, 60°	$\sim$	60*
Peak intensity C LEDs/each optic 1	1		30	
LEDs/each optic Light colour Required components:	White	45*	400	45*
Required components:				
Protective pla	te glass			
			600	
		/30*	13, 390	15° 30°
	DS	90*	TY F	90*
LED	LUXEON 5050 Square LES			
FWHM / FWTM	Asymmetric	.75%	100	785
Efficiency	67 %		$\times$	$\prec$
Dook intensity		50-	$\times$	
Peak intensity	0.3 cd/lm			
LEDs/each optic	0.3 cd/lm 1		X X 300	$\sim$ $\checkmark$
LEDs/each optic Light colour	1 White	.45*		45*
LEDs/each optic Light colour Required components:	1 White	e.	30	S'
LEDs/each optic Light colour	1 White	-57		
LEDs/each optic Light colour Required components:	1 White	6		5
LEDs/each optic Light colour Required components:	1 White		30	10° 30°
LEDs/each optic Light colour Required components: C17677_STRADA-2	1 White X2-SHD-BLK	25 	20	
LEDs/each optic Light colour Required components: C17677_STRADA-2	1 White X2-SHD-BLK	700 100 100 100	30 40 10 10 00	
LEDs/each optic Light colour Required components: C17677_STRADA-2	1 White X2-SHD-BLK DS LUXEON 5050 Square LES		200 500 500 500 600 500 600	
LEDs/each optic Light colour Required components: C17677_STRADA-2	1 White EX2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric	967 201 201	30	
LEDs/each optic Light colour Required components: C17677_STRADA-2	1 White EX2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric 78 %	-97 -97 -99 -99 -99 -99	30 40 50 50 50 50 50	
LEDs/each optic Light colour Required components: C17677_STRADA-2 <b>CITE</b> LED FWHM / FWTM Efficiency Peak intensity	1 White X2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric	90" 90" 90"	30 40 50 50 50 50 50 50 50 50 50 50 50 50 50	
LEDs/each optic Light colour Required components: C17677_STRADA-2 <b>CITERATE:</b> LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1 White EX2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric 78 % 0.3 cd/lm	- 45" - 55" - 55" - 55" - 55" - 55"	20	137 20 99 7 60
LEDs/each optic Light colour Required components: C17677_STRADA-2	1 White EX2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric 78 % 0.3 cd/lm 1 White		20 50 50 50 50 50 50 50 50 50 50 50 50 50	
LEDs/each optic Light colour Required components: C17677_STRADA-2 C176777_STRADA-2 C17677_STRADA-2 C1	1 White EX2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric 78 % 0.3 cd/lm 1 White	29" 29" 29" 29" 29" 29"	30 40 50 50 50 50	13 <sup>7</sup> 30 99 7 60
LEDs/each optic Light colour Required components: C17677_STRADA-2 UDSCENTION LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1 White EX2-SHD-BLK DS LUXEON 5050 Square LES Asymmetric 78 % 0.3 cd/lm 1 White	29. 294 295 295 295 295	30 40 50 50 50 50 60 50 60 50 60 60 60	137 20 99 7 60



🕙 LUMILE	DS	
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	
Efficiency	58 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	20
Light colour	White	
Required components:		300
C17677_STRADA-2	X2-SHD-BLK	
Protective pla	te, glass	20* 12 <sup>4</sup> 0* 23*
	DS	99 <sup>1</sup>
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	75 100
Efficiency	74 %	
Peak intensity	0.4 cd/lm	ent the second s
LEDs/each optic	1	
Light colour	White	451 300
Required components:		440
C17580_STRADA-2		X/T/X
		500
		30° 15° 660 15° 3
MST Your solutions		50°
LED	RecLED 173x50mm 2900lm 740 2x6 5050 Opt G1	
FWHM / FWTM	Asymmetric	73%
Efficiency	82 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	·••
Required components:		400
Protective pla	te, glass	
		200
<b>Μ</b> ΝΙCΗΙΛ		
		90*
LED	NFMW48xA	25
FWHM / FWTM	Asymmetric	
Efficiency	79 %	50 <sup>4</sup>
Peak intensity	0.4 cd/lm	× × ×
LEDs/each optic	1	$\times \times / \wedge \times \times$
Light colour	White	45* 440
Required components:		
Destasting		$\times$
Protective pla		60



OSRAM Opto Semiconductors		
LED	Duris S8	95* 95*
FWHM / FWTM	Asymmetric	75° 100 75°.
Efficiency	67 %	
Peak intensity	0.3 cd/lm	60° 60°
LEDs/each optic	1	
	White	30
Light colour	White	45° 45°
Required components: C17677_STRADA-2X		460
CITOTT_STRADA-2A	Z-OHD-DLK	500
		30* 15 <sup>5</sup> 500 15* 30*
OSRAM Opto Semiconductors		
LED	Duris S8	80
FWHM / FWTM	Asymmetric	720 200 770
Efficiency	79 %	
Peak intensity	0.4 cd/lm	604 601.
LEDs/each optic	1	
Light colour	White	40 4th
Required components:	WING	
Required components.		× 700
Protective plate	, glass	60
		30* 13 <sup>5</sup> 0 <sup>6</sup> 10* 30 <sup>4</sup>
OSRAM Opto Semiconductors		90° 90°
Opto Semiconductors	Duris S8	9°
Opto Semiconductors LED	Duris S8 Asymmetric	97 97 30 97
Opto Semiconductors LED FWHM / FWTM	Asymmetric	30°
opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 59 %	50° 50° 72° 50° 60° 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 59 % 0.3 cd/lm	50° 50° 60° 50° 50° 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 59 % 0.3 cd/lm 1	90° 703 60° 60° 60° 60° 60°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 59 % 0.3 cd/lm	90° 90° 90° 90° 90° 90° 90° 90° 90° 90°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 59 % 0.3 cd/lm 1 White	97 97 90 00 00 00 00 00 00 00 00 00
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK	5° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK	50° 73° 60° 60° 700 700 700 700 700 700 700 700 700 7
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSRAM Opto Semiconductors	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSRAM Opto Semiconductors LED	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric 93 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric 93 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric 93 % 0.5 cd/lm	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric 93 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric 93 % 0.5 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C17677_STRADA-2X Protective plate OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 59 % 0.3 cd/lm 1 White 2-SHD-BLK , glass OSCONIQ S 5050 Asymmetric 93 % 0.5 cd/lm 1	



OSRAM Opto Semiconductors		50° 50°
LED	OSCONIQ S 5050	
FWHM / FWTM	Asymmetric	.73°
Efficiency	80 %	
Peak intensity	0.3 cd/lm	60°
LEDs/each optic	1	300
Light colour	White	
Required components:		400
riequired components		
Protective pla	te, glass	
		000
		30* <u>15</u> <sup>5</sup> 0 <sup>4</sup> 15 <sup>4</sup> 30 <sup>5</sup>
OSRAM Opto Semiconductors		90* 9*
LED	OSLON Square CSSRM2/CSSRM3	
Assembly	NULL	75°
FWHM / FWTM	Asymmetric	
Efficiency	76 %	60* 60*
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	40
Required components:		
required components.		500
Protective pla	te, glass	
		30* <u>660</u> 30* 30*
	Fortimo FastFlex LED 2x8 DA HE	91 <sup>*</sup> 91 <sup>*</sup>
		99 <sup>4</sup> ,25 100 751
LED	Fortimo FastFlex LED 2x8 DA HE	92°
LED FWHM / FWTM	Fortimo FastFlex LED 2x8 DA HE Asymmetric	92°
LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 %	91 <sup>3</sup> 10 10 10 10 10 10 10 10 10 10
LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm	90 <sup>3</sup> 90 <sup>4</sup> 00 90 <sup>4</sup> 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	90 <sup>2</sup> 90 <sup>2</sup> 60 <sup>2</sup> 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	92° 92° 25° 200 92° 80° 60° 80° 60° 80° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50 50 50 50 5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SAMSU LED FWHM / FWTM Efficiency	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SAMSU LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SANSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SAMSU LED FWHM / FWTM Efficiency Peak intensity	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass NCC LH351C Asymmetric 77 % 0.3 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SANSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass NCC LH351C Asymmetric 77 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SANNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass NCC LH351C Asymmetric 77 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SANNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass NCC LH351C Asymmetric 77 % 0.3 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective pla SANNSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Fortimo FastFlex LED 2x8 DA HE Asymmetric 82 % 0.4 cd/lm 1 White tte, glass NCC LH351C Asymmetric 77 % 0.3 cd/lm 1 White	



SAMSU	NG
LED	LH502C
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components	:
Protective pl	ate, glass
SAMSU	NG
	LH502D
FWHM / FWTM	Asymmetric
Efficiency	93 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1 \\//bito
Light colour	White
Required components	
SAMSU	NG
LED	LH502D
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components	:
Protective pl	ate, glass
. 10100110 p	, g
SEOUL	
	MITEOFO
	MJT 5050
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1 \\//bito
Light colour	White
Required components	:



SEOUL		84 A
SEOUL SEMICONDUCTOR	SEOUL DC 5050 6V	
FWHM / FWTM	Asymmetric	751 ( 100
Efficiency	92 %	
Peak intensity	0.4 cd/lm	.609 360
LEDs/each optic	1	40
Light colour	White	45
Required components	S:	20
		600
		700
		30° (° 19°
SEOUL		
SEOUL SEMICONDUCTOR		. 90°
LED	SEOUL DC 5050 6V	77 100
FWHM / FWTM	Asymmetric	73*
Efficiency	82 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	300
Light colour	White	51
Required components	S:	
		500
Protective p	late, glass	
		100
		20.4



### **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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Shipping locations Salo, Finland Hong Kong, China

### Distribution Partners www.ledil.com/ where\_to\_buy