

STRADELLA-IP-28-T1-A

Asymmetric IESNA Type I (short) beam. Results a Type II beam with tilted poles. Targeted for Indian market. Variant made from PMMA.

SPECIFICATION:

Dimensions	100.0 x 100.0 mm
Height	9.5 mm
Fastening	screw
Ingress protection classes	IP66, IP67
ROHS compliant	yes 🛈



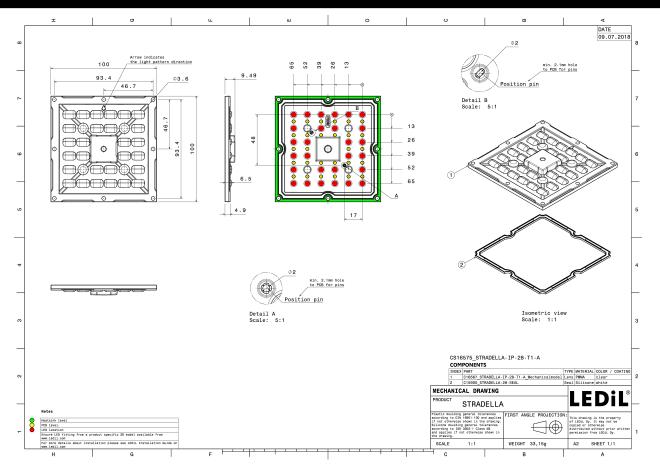
MATERIALS:

Component	Туре	Material	Colour	Finish
STRADELLA-IP-28-T1-A	Multi-lens	PMMA		
STRADELLA-28-SEAL	Seal	Silicone	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16575_STRADELLA-IP-28-T1-A	Multi-lens	156	78	78	5.8
» Box size: 476 x 273 x 247 mm					





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



		90* 90*
LED	HiQLED STR28 CR JE2835 4x7 xxx	
FWHM / FWTM	Asymmetric	12° 20°
Efficiency	94 %	400
Peak intensity	1.3 cd/lm	50° 60°.
LEDs/each optic	1	800
Light colour	White	
Required compone		45'
		1290
		1430
		1690
		30* 15 ² 0 ⁶ 15 ² 30 ⁴
		90* 90*
	HiQLED STR28 CR JK3030 4x7 xxx	750 750
FWHM / FWTM	Asymmetric	400
Efficiency	93 %	60 ⁴
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 45° 45°
Required compone	ins.	
		1000
		\times $(\top) \times$
		30* 15 ⁵ 0° 15 ⁴ 30*
		\$0* \$0*
	QUICK FLUX STR28 XD2x14 xxx G8	700
FWHM / FWTM	Asymmetric	400
Efficiency	93 %	50 ⁶ 60 ⁴
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	-6°
Required compone	ins.	1000
		1290
		1400 30* 15 ⁵ 0° 15* 30*
CONET		
ELECTRONICS		90* 90*
LED	QUICK FLUX STR28 XP2x14 xxx G7	75%
FWHM / FWTM	Asymmetric	
Efficiency	94 %	. 60° 400 60°.
Peak intensity	0.8 cd/lm	X
LEDs/each optic	1	X X and X
Light colour	White	45* 45*
Required compone		1000
Required compone		199
Required compone		
Required compone		1000 1200 1000 1000 1000 1000 1000 1000



	QUICK FLUX STR28 XT2x14 xxx G5	96*
FWHM / FWTM		750 200 750
	Asymmetric	400
Efficiency	94 %	60* 66*
Peak intensity	0.9 cd/lm	600
LEDs/each optic	1	
Light colour	White	45* 45*
Required componer	ts:	
		1200
		1400
		30* <u>1500</u> 0 ⁶ 10* 30*
		15 ² 0 ³ 15 ⁴
		90* 90*
LED	J Series 2835	
FWHM / FWTM	Asymmetric	75°
Efficiency	94 %	400
Peak intensity	1.3 cd/lm	.50 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	
		42, 7000 42,
Required componer	IS.	1200
		1490
		30° 1650 30° 30°
		90* 90*
LED	J Series 3030	
FWHM / FWTM	Asymmetric	73°
Efficiency	93 %	
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	$X//T \land X$
Light colour	White	45* 45*
Required componer	ts:	1230
		1690
		13 ² 2 ⁰ 15 ⁴
LED	XD16	
FWHM / FWTM	Asymmetric	73° 200
Efficiency	93 %	400
Peak intensity	1.1 cd/lm	.50 ⁴ 60 ⁴
LEDs/each optic	1	
Light colour	White	800
		6° (° (° (° (° (° (° (° (° (° (° (° (° (°
Required componer	115.	1000
		1290
		30* 15 ⁵ 0 ⁶ 15 ⁵ 50 ⁴
		15' 0° 10°



LED	XP-G3	
FWHM / FWTM	Asymmetric	73 0 73 0
Efficiency	94 %	400
		.60 ⁴ 60 ⁴
Peak intensity	0.8 cd/lm	X 600 X /
LEDs/each optic	1	800
Light colour	White	45*
Required compone	nts:	1000
		1200
		30* 30* 30*
		90* 90*
LED	XT-E	
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	40
Peak intensity	0.9 cd/lm	60 60
LEDs/each optic	1	X X and X X
Light colour	White	45* 45*
Required compone	nts:	1000
		1200
		1430
		30° 15 ⁵ 0° 15° 30°
		<u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
LED	NF2W585AR	8°
LED FWHM / FWTM	NF2W585AR Asymmetric	9° 9°
LED FWHM / FWTM Efficiency	NF2W585AR Asymmetric 94 %	21- 20- 20-
LED FWHM / FWTM Efficiency Peak intensity	NF2W585AR Asymmetric 94 % 0.8 cd/lm	90° 90° 20° 40° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1	90° 90° 20° 40° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	90° 90° 90° 400 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	90° 90° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	90° 90° 90° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	90 ⁺ 90 ⁺ 60 ⁺ 60 ⁺ 60 ⁺ 100 120 120
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White nts: NF2W585AR Asymmetric 94 % 0.8 cd/lm 1 White	



ØNICHI		
		90* 94
LED	NVSW219F	750 200
FWHM / FWTM	Asymmetric	
Efficiency	94 %	- 60°
Peak intensity	0.8 cd/lm	X
LEDs/each optic	1	
Light colour	White	
Required compone	its:	1000
		1270
		1400 30* 15 ⁵ 0 ⁶ 15* 30
ØNICHI		90* S
LED	NVSW319B	
EED FWHM / FWTM	Asymmetric	75° 200 75
Efficiency	94 %	
Peak intensity	0.7 cd/lm	50 ⁴ 460 62
LEDs/each optic	1	600
Light colour	White	
Required compone		
riedanea compone		1000
		X/T/X
		1200
		30° 15° 30
OSRAM Opto Semiconductors		90*
LED	OSCONIQ S 3030 (QSLR31)	200
FWHM / FWTM	Asymmetric	73°
Efficiency	94 %	400
Peak intensity	1 cd/lm	.50 ⁴ 600 61
LEDs/each optic	1	
Light colour	White	45* 1000 45
Required compone	ite:	
		1230
		159
OSRAM		300
Opto Semiconductors		300
LED	OSLON Square CSSRM2/CSSRM3	300
^{Opto Semiconductors} LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3 Asymmetric	100 50° 12 ³ 0° 12° X
Opto Semiconductors LED FWHM / FWTM Efficiency	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 %	30% 30% 30% 30% 30% 30% 30% 30% 30% 30%
^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm	300 300 300 300 300 300 300 300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm 1	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm 1 White	300 300 300 300 300 300 300 300
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm 1 White	
pto Semiconductors ED WHM / FWTM Efficiency Peak intensity EDs/each optic Light colour	OSLON Square CSSRM2/CSSRM3 Asymmetric 96 % 1 cd/lm 1 White	109 109 109 109 109 109 109 109



SAMSI	JNG	207
LED	HiLOM SC28 (LH181B)	
FWHM / FWTM	Asymmetric	725 400
Efficiency	93 %	
Peak intensity	1.3 cd/lm	50 ⁴ 80
LEDs/each optic	1	$ = \sum_{i=1}^{n} X_i - X_i = \sum_{i=1}^{n} $
Light colour	White	4 [*] 1200
Required compone	ents:	100
		20° 200 23° 2
SAMSI	JNG	201
LED	HiLOM SM28 (LM301B)	
FWHM / FWTM	Asymmetric	20
Efficiency	94 %	400
Peak intensity	1.2 cd/lm	
LEDs/each optic	1	00
Light colour	White	6
Required compone	ents:	120
		100
		30° 200 0° 10°
SEOUL		202
SEOUL SEMICONDUCTOR	Z5M3	107
FWHM / FWTM	Asymmetric	20
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60°
LEDs/each optic	1	00
Light colour	White	57
Required compone		200
		1200



OPTICAL RESULTS (SIMULATED):

LED	XP-E2	95-
FWHM / FWTM	Asymmetric	700 700 700
Efficiency	91 %	400
-		50° 000 60*
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	$X \times T \times X$
Light colour	White	45* 1000 45*
Required components:		1220
		1400
		1600
		30* 11 ⁰ 1280 11 ⁰ 30*
		15' 1900 15'
	15	90° 90°
LED	LUXEON 3030 HE Plus	
FWHM / FWTM	Asymmetric	No. No.
Efficiency	91 %	
Peak intensity	0.8 cd/lm	b0* b0*
LEDs/each optic	1	
Light colour	White	65° 000 65°
Required components:		
		1230
		90* 1430 90* 15 ⁵ 0 ⁶ 15 ⁴
		15° 0° 15°
	DS	13 [°] 0 [°] 15 [°]
LED	LUXEON 3535L	
LED FWHM / FWTM	LUXEON 3535L Asymmetric	
LED FWHM / FWTM Efficiency	LUXEON 3535L Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EXAMPLANCE NOTION LED FWHM / FWTM Efficiency Peak intensity	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EXAMPLANCE EXAMPLANCE EXAMPLANCE EXAMPLANCE EXAMPLANCE EXAMPLANCE	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EXAMPLANCE EXAMPLANCE EXAMPLANCE EXAMPLANCE EXAMPLANCE EXAMPLANCE	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 3535L Asymmetric 91 % 0.8 cd/lm 1 White NF2x757G Asymmetric 93 % 0.8 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

OSRAM		
Opto Semiconductors	OSCONIQ C 2424	90° - 90°
LED FWHM / FWTM	Asymmetric	739 200 775
	-	400
Efficiency	93 %	50* 50*
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	45°
Required components:		1000
		1200
		30* 30 [*] 30 [*] 30 [*]
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ P 3030	79. 200 70.
FWHM / FWTM	Asymmetric	
Efficiency	95 %	50* 400 60*
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	$X \times I \setminus X \times$
Light colour	White	45* 200 45*
Required components:		1000
		1200
		30* <u>15</u> 2 <u>16</u> 20 <u>10</u> * 30*
C V VI C II V	10	
SVWSUN		80° 80°
LED	LH351B	9/*
LED FWHM / FWTM	LH351B Asymmetric	99 ⁴ 75 ⁴ 200 75 ⁴
LED FWHM / FWTM Efficiency	LH351B Asymmetric 93 %	50 50 50 Fer
LED FWHM / FWTM Efficiency Peak intensity	LH351B Asymmetric 93 % 0.6 cd/lm	50 ¹ 72 ¹ 53 ¹ 60 ¹ 60 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.6 cd/lm 1	90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm	99 ¹ 79 70 60 ¹ 60 6 ¹ 6 ¹
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.6 cd/lm 1	90° 70° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1	50 ¹ 50 ¹ 50 ¹ 50 ¹ 50 ¹ 60 ² 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B Asymmetric 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B Asymmetric 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH351B Asymmetric 93 % 0.6 cd/lm 1 White	84 64 64 66 67 66 67 67 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM	LH351B Asymmetric 93 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency	LH351B Asymmetric 93 % 0.6 cd/lm 1 White	84 64 64 66 67 66 67 67 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity	LH351B Asymmetric 93 % 0.6 cd/lm 1 White I H351C Asymmetric 91 % 0.6 cd/lm	84 64 64 66 67 66 67 67 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.6 cd/lm 1 White LH351C Asymmetric 91 % 0.6 cd/lm 1	84 64 64 66 67 66 67 67 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1 White I H351C Asymmetric 91 % 0.6 cd/lm	84 64 64 66 67 66 67 67 67 67 67 67 67
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 93 % 0.6 cd/lm 1 White LH351C Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1 White LH351C Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1 White LH351C Asymmetric 91 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 93 % 0.6 cd/lm 1 White LH351C Asymmetric 91 % 0.6 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

SEOUL		
SEOUL SEMICONDUCTOR	SEOUL DC 3030	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		10 ¹
		90* 90*
LED FWHM / FWTM	SEOUL DC 3030C	The Man Take
	Asymmetric 91 %	400
Efficiency Peak intensity	91 % 0.8 cd/lm	60° 60°.
LEDs/each optic	1	
Light colour	White	45° 200 45°
Required components:		
		1000
		1220
		1490
		30 ⁴ 13 ⁵ 0 ⁶ 15 ⁴ 30 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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