

STRADELLA-16-T1-A

Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification.

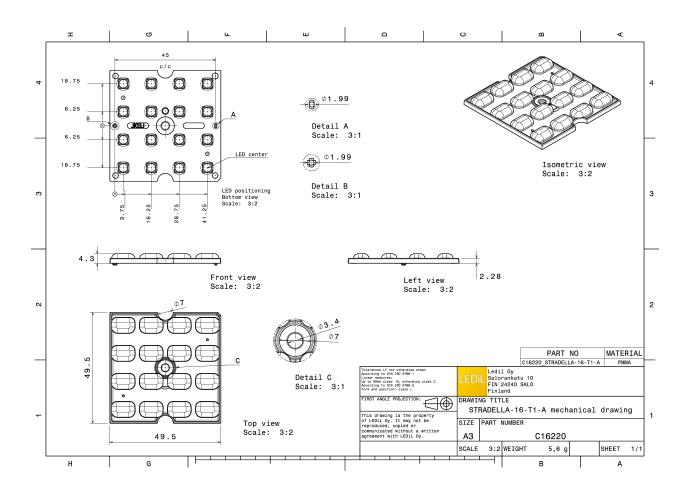
TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	4.3 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.3 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADELLA-16-T1-A **Type** Multi-lens **Material** PMMA Colour clear PRODUCT DATASHEET C16220_STRADELLA-16-T1-A





🕒 LG Innot	ek	90* 90*
LED	LG 3030	
FWHM	Asymmetric	730 700
Efficiency	94 %	400
Peak intensity	0.980 cd/lm	604 601
LEDs/each optic		
Light colour	White	
Required compor		
Required compor		1200
		1490
		1000
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁶ 30 ⁴
Ø NICHIΛ		THY KHT
LED	NFSx757D	90* 90*
FWHM	Asymmetric	750 750
Efficiency	94 %	400
Peak intensity	1.100 cd/lm	60 ⁺ 60 ⁺
LEDs/each optic		
Light colour	White	800
Required compor		45* 45*
Required compor		1200
		1630
		30° 1500 30° 30°
Ø NICHIΛ		
		91°
		<u>90*</u>
LED	NFSx757G	90° 90° 73° 90° 73°
LED FWHM	NFSx757G Asymmetric	23- 23- 25- 25-
LED FWHM Efficiency	NFSx757G Asymmetric 94 %	91* 90* 21° 40° 72°. 40° 60°
LED FWHM Efficiency Peak intensity	NFSx757G Asymmetric 94 % 0.960 cd/lm	94* 90* 78* 69 64 69 64 69
LED FWHM Efficiency Peak intensity LEDs/each optic	NFSx757G Asymmetric 94 % 0.960 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White	60° (0).
LED FWHM Efficiency Peak intensity LEDs/each optic	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White	60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White	61 ⁴ 00 07 07
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White	61 ⁴ 00 07 07
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ients:	61 ⁴ 00 07 07
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ients:	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White tents:	60° 69. 00° 69. 1299 1092 109 10 10 10 10 10 10 10 10 10 10
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White tents: PrevaLED Brick MP 4x16	60° 69. 00° 69. 1299 1092 109 10 10 10 10 10 10 10 10 10 10
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White lents: PrevaLED Brick MP 4x16 Asymmetric	60° 69. 00° 69. 1299 1092 109 10 10 10 10 10 10 10 10 10 10
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 %	60 60 60 60 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor OSRAM LED FWHM Efficiency Peak intensity	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 % 0.950 cd/lm	200 200 200 200 200 200 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 % 0.950 cd/lm 1	100 100 100 100 100 100 100 100
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 % 0.950 cd/lm 1 White	100 100 100 100 100 100 100 100
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Required compor SCRAM LED FWHM Efficiency Peak intensity LEDs/each optic	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 % 0.950 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 % 0.950 cd/lm 1 White	100 100 100 100 100 100 100 100
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NFSx757G Asymmetric 94 % 0.960 cd/lm 1 White ents: PrevaLED Brick MP 4x16 Asymmetric 94 % 0.950 cd/lm 1 White	



Jacksmanners LED Duris SS (2 chip) WHM Asymmetric Efficiency 94% Pack intensity 0.938 cd/m LEDseeah optic 1 Light colour Purple Required components: ED Duris SS (Single chip) WHM Asymmetric Efficiency 93% Pack intensity 1.500 cd/m LEDsteah optic 1 Light colour White Required components: ED OSCONIQ S 3030 WHM Asymmetric Efficiency 94% Pack intensity 0.576 cd/m LEDsteah optic 1 Light colour White Required components: ED OSCONIQ S 3030 WHM Asymmetric Efficiency 94% Pack intensity 0.576 cd/m LEDsteah optic 1 Light colour White Required components: ED OSCONIQ S 3030 WHM Asymmetric Efficiency 94% Pack intensity 0.576 cd/m LEDsteah optic 1 Light colour White Required components: ED OSCONIQ S 3030 WHM Asymmetric Efficiency 94% Pack intensity 0.576 cd/m LEDsteah optic 1 LED Fortimo FastFiex LED 4x16 DHE G4 WHM Asymmetric Efficiency 94%			
ED Duris S5 (2 chip) WHM Asymmetric Flictency 94 % Pack intensity 0.338 cd/m LED/seach optic 1 Light colou Purple Required components: Image: Color of the colo	OSRAM		
WHM Asymmetric Efficiency 94 % Pack intensity 0.338 cd/lm LEDs/each optic 1			90* 90*
Efficiency 94% Peak intensity 0.338 cd/m LEDS/each optic 1 Light colour Purple Required components:			750 750
Peak infensity 0.938 col/m EDS/each optic 1 ight colour Purple Required components: ED Duris S5 (Single chip) WHM Asymmetric Efficiency 39 % Peak intensity 1.500 col/m .EDS/each optic 1 .EDS/each optic 1 .EDS/e			400
LEDseach optic 1 Light colour Purple Required components:			
ight colour Purple Required components: ED Duris S5 (Single chip) WHM Asymmetric Efficiency 93 % Peak intensity 1.500 cd/m EDD/each optic 1 ight colour White Required components: ED OSCONIQ 5 3030 WHM Asymmetric EDD OSCONIQ 5 3030 WHM Asymmetric EDDeveach optic 1 ight colour White Required components: ED OSCONIQ 5 3030 WHM Asymmetric EDDeveach optic 1 ight colour White Required components: EDD OSCONIQ 5 3030 WHM Asymmetric EDDeveach optic 1 ight colour White Required components: EDD Second Deve State EDD Second Deve State ED			600
Required components:			
PORTURE LED Duris S5 (Single chip) VHM Asymmetric Efficiency 93 % Peak intensity 1.500 cd/lm LEDs/each optic 1 Light colour White Required components: PORTURE LED OSCONIQ S 3030 VHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: PORTURE ED PORTURE E			45* 45*
CSRAM ED Duris S5 (Single chip) "WHM Asymmetric Efficiency 93 % Pask intensity 1.500 col/m LED/each optic 1 Light colour White Required components: Image: Colour Stream WHM Asymmetric Efficiency 94 % Pask intensity 0.876 col/m ED/our White Required components: WHM Asymmetric Efficiency 94 % Pask intensity 0.876 col/m LED/our White Required components: Phile Colour White Required components: Image: Colour White Pask intensity 0.876 col/m LED/our Othite Image: Colour White Required components: Image: Colour White PHILLIPS ED ED Fortimo FastFlex LED 4x16 DHE G4 WHM Asymmetric Efficiency 94 %	Required compo	nents:	
Definition Image: Control of the second			1200
Definition Image: Control of the second			1430
Differentiation Image: Second Sec			
Metamentations LED Duris S5 (Single chip) FWHM Asymmetric Efficiency 93 % Peak intensity 1.500 cd/lm LEDs/each optic 1 Light colour White Required components: LED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: PHILLPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	OSRAM		
FWHM Asymmetric Efficiency 93 % Peak intensity 1.500 cd/lm LED/each optic 1 .ight colour White Required components: Image: Colour of the second o	Opto Semiconductors		90* 90*
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Peak intensity 1.500 cd/lm EDS/each optic 1 Light colour White Required components: DSRAM LED OSCONIQ S 3030 -WHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm .EDS/each optic 1 Light colour White Required components: DHILLIPS LED Fortimo FastFlex LED 4x16 DHE G4 -WHM Asymmetric Efficiency 94 %			400
LEDS/each optic 1 Light colour White Required components:			504 504
Light colour White Required components: ED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: ED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %			
Required components:			
ED OSCONIQ S 3030 WHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 TWHM Asymmetric Efficiency 94 %			45+ 1200 45+
LED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state	Required compo	nents:	X X
LED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state			1630
LED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state			
LED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state			30* 2000 30*
LED OSCONIQ S 3030 FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component state	OCDAM		12 ³ 0 ⁴ 13 ³
FWHM Asymmetric Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: Image: Component State S	Opto Semiconductors		90* 90*
Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components: PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	LED	OSCONIQ S 3030	
Efficiency 94 % Peak intensity 0.876 cd/lm LEDs/each optic 1 Light colour White Required components:	FWHM	Asymmetric	73*
LEDs/each optic 1 Light colour White Required components: PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	Efficiency	94 %	400
Light colour White Required components: PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	Peak intensity	0.876 cd/lm	60° (0°
Required components:	LEDs/each optic	1	
PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	Light colour	White	67
PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	Required compo	nents:	1000
PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %			1200
PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %			1450
PHILIPS LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %			
LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %			12, 100 100
LED Fortimo FastFlex LED 4x16 DHE G4 FWHM Asymmetric Efficiency 94 %	PHILI	S	90* A A A A A A A A A A A A A A A A A A A
FWHM Asymmetric Efficiency 94 %			
Efficiency 94 %			758 00 752
			400
	Peak intensity		60* 60*
LEDs/each optic 1			
	Light colour		
Required components:			1000
1220			1200
			1490
100			30* 30*

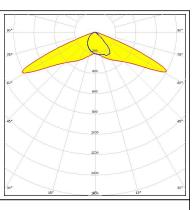


SAMSU	ING	
LED	HILOM RM64 (LM301B)	90" 90"
FWHM	Asymmetric	75° 000 75°
Efficiency	94 %	400
Peak intensity	0.970 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic		
Light colour	White	
Required compon		100
	616.	1230
		3430
		30* <u>15</u> 3 <u>0</u> * <u>30</u> *
SAMSU		
		90* 90*
LED	LM231 A/B	
FWHM	Asymmetric	400
Efficiency	94 %	53 ⁴ 600 63 ⁴
Peak intensity	1.200 cd/lm	
LEDs/each optic		
Light colour	White	45* 1000 45*
Required compon	ents:	1200
		1430
		1600
		30° 1800 30° 30°
SEOUL		
SEOUL SEMICONDUCTOR		PC*
SEOUL SEMICONDUCTOR	SEOUL 3030	
seoul semiconductor LED FWHM	Asymmetric	
seoul semiconductor LED FWHM Efficiency	Asymmetric 93 %	
stoul semiconductor LED FWHM Efficiency Peak intensity	Asymmetric 93 % 1.200 cd/lm	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 1.200 cd/lm 1	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic	Asymmetric 93 % 1.200 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents:	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents:	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents: IC RLE 4x16 4000lm MP ADV2 OTD Asymmetric	
seoul seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 %	
seoul seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm	
seoul senconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm 1	
seoul sewiconductore LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm 1 White	
seoul senconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm 1 White	
seoul sewiconductore LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm 1 White	
seoul sewiconductore LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compone TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm 1 White	
seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 93 % 1.200 cd/lm 1 White ents: RLE 4x16 4000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm 1 White	



TRIDONIC

LED	RLE 4x16 4000lm MP ADV2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.948 cd/lm
LEDs/each optic	1
Light colour	White
Required compor	ients:



PRODUCT DATASHEET

TRIDONIC

LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Required components:

RLE 4x8 2000lm MP ADV2 OTD Asymmetric 94 % 1.000 cd/lm White



PHOTOMETRIC DATA (SIMULATED):

	XD16	507 597
		750 700 700
FWHM	Asymmetric	
Efficiency	94 %	60 ⁴ 60 ⁴
Peak intensity	0.780 cd/lm	200
LEDs/each optic 1		\times \times $/$ \times \times
Light colour Wh		45* 800 45*
Required components	S:	1000
		\times
		1230
		30* 15 ⁵ 00* 15* 30*
UMILED	5	90* 90*
LED	LUXEON 3030 2D (Round LES)	
FWHM	Asymmetric	the second second
Efficiency	94 %	400
Peak intensity	0.893 cd/lm	60 ⁴
LEDs/each optic 1		
Light colour Wh	ite	45° 200 45°
Required components	5:	1000
		1290
		1400
		30 [°] 15 ⁵ 0 ⁰ 15 [°] 35 [°]
		90° 90°
LED	LUXEON C	50 ⁻
LED FWHM	LUXEON C Asymmetric	90 ⁻ 91 ⁻ 92 ⁻ 92 ⁻ 92 ⁻ 92 ⁻ 92 ⁻ 92 ⁻ 92 ⁻
LED FWHM Efficiency	LUXEON C Asymmetric 92 %	50°
LED FWHM Efficiency Peak intensity	LUXEON C Asymmetric	50* 50 23* 50 60* 60 60* 60 60* 60 60* 60*
LED FWHM Efficiency Peak intensity LEDs/each optic 1	LUXEON C Asymmetric 92 % 1.000 cd/lm	90* 73* 60 60 60 60 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM Efficiency Peak intensity LEDs/each optic 1	LUXEON C Asymmetric 92 % 1.000 cd/lm	50 ⁴ 600 50 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm	90° 10° 10° 10° 10° 10° 10° 10° 1
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm	50 ⁴ 600 50 ⁴
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW S:	63 69 69 67 1000 67 1200 67
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW S:	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW S:	60° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW s:	60 60 60 60 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components	LUXEON C Asymmetric 92 % 1.000 cd/lm BW S: S LUXEON CZ	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CUMILED LED FWHM Efficiency Peak intensity	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW S: S S LUXEON CZ Asymmetric	60 60 60 60 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CONTINUED LED FWHM Efficiency Peak intensity LEDs/each optic 1	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW S: S LUXEON CZ Asymmetric 94 % 1.100 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CONTINUED LED FWHM Efficiency Peak intensity LEDs/each optic 1	LUXEON C Asymmetric 92 % 1.000 cd/lm BBW S: S LUXEON CZ Asymmetric 94 %	60 60 60 60 60 60 60 60 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CONTINUED LED FWHM Efficiency Peak intensity LEDs/each optic 1	LUXEON C Asymmetric 92 % 1.000 cd/lm BW s: S LUXEON CZ Asymmetric 94 % 1.100 cd/lm BW	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CONTINUED LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm BW s: S LUXEON CZ Asymmetric 94 % 1.100 cd/lm BW	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CONTINUED LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm BW s: S LUXEON CZ Asymmetric 94 % 1.100 cd/lm BW	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG Required components CONTINUED LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour RG	LUXEON C Asymmetric 92 % 1.000 cd/lm BW s: S LUXEON CZ Asymmetric 94 % 1.100 cd/lm BW	

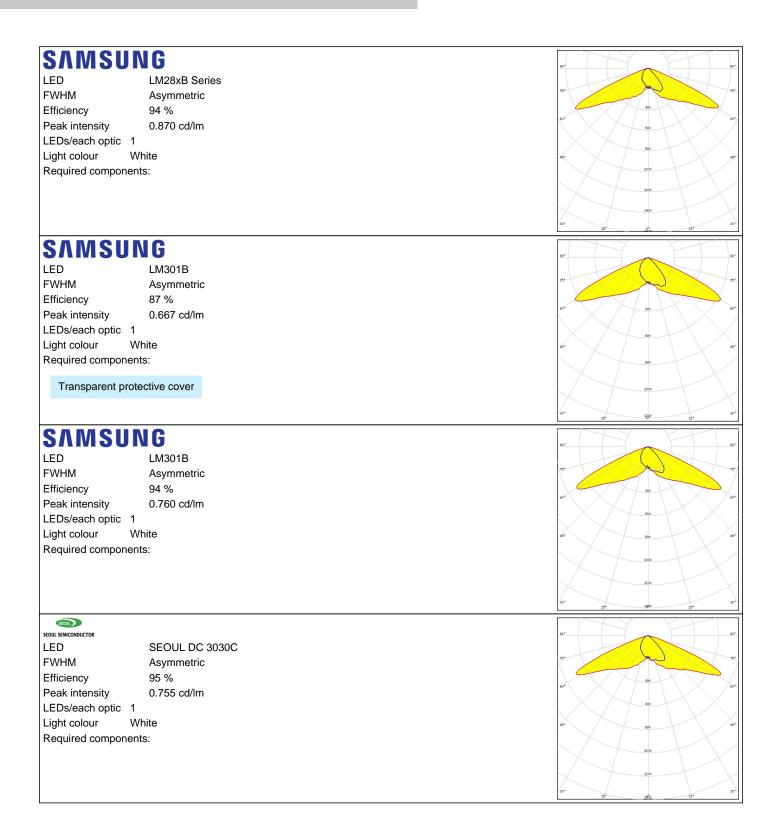


PHOTOMETRIC DATA (SIMULATED):

MICHIΛ		90° 90°
LED	NF2x757G	
FWHM	Asymmetric	70 70 70
Efficiency	94 %	400
Peak intensity	0.760 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic 1		
Light colour Wh	ite	45* 000 45*
Required components		$X \times X$
		1000
		1220
		30° 1400 33°
OSRAM Opto Semiconductors		MA M
Opto Semiconductors	Duris S5 (2 chip)	90* 90*
FWHM	Duris S5 (2 chip)	750 750
	Asymmetric 94 %	
Efficiency	94 % 0.750 cd/lm	50 ⁴ 400 60*
Peak intensity	0.750 ca/im	X ON
LEDs/each optic 1	14-	$X \times I \times X$
Light colour Wh		45* <u>800</u> 45*
Required components	5.	1000
		1220
		30* 1400 0* 15 ³ 0* 15* 30*
СЛЛАСИК		THY YHT
SAMSUN		90.
LED	LH181B	
LED FWHM	LH181B Asymmetric	200 - 201 170
LED FWHM Efficiency	LH181B Asymmetric 94 %	
LED FWHM Efficiency Peak intensity	LH181B Asymmetric	00°
LED FWHM Efficiency Peak intensity LEDs/each optic 1	LH181B Asymmetric 94 % 0.840 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1	LH181B Asymmetric 94 % 0.840 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm	200 -07 -07 -07 -07 -07 -07 -07 -
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LH181B Asymmetric 94 % 0.840 cd/lm site s:	100
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LH181B Asymmetric 94 % 0.840 cd/lm site s:	112
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm site s:	112
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LH181B Asymmetric 94 % 0.840 cd/lm bite 5:	200 200 200 200 200 200 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LH181B Asymmetric 94 % 0.840 cd/lm tite s: G LM101B	1399 1299 1399 1399 1399 1399 1399 1399
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components	LH181B Asymmetric 94 % 0.840 cd/lm inte s:	200 200 200 200 200 200 200 200
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components SAMSUN LED FWHM Efficiency	LH181B Asymmetric 94 % 0.840 cd/lm hite 5:	100 100 100 100 100 100 100 100
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components SAMSUN LED FWHM Efficiency Peak intensity	LH181B Asymmetric 94 % 0.840 cd/lm iite s: G LM101B Asymmetric 94 % 1.100 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm hite s: C LM101B Asymmetric 94 % 1.100 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 1	LH181B Asymmetric 94 % 0.840 cd/lm hite s: C LM101B Asymmetric 94 % 1.100 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm hite s: C LM101B Asymmetric 94 % 1.100 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh Required components SAMSUN LED FWHM Efficiency Peak intensity LEDs/each optic 1 Light colour Wh	LH181B Asymmetric 94 % 0.840 cd/lm hite s: C LM101B Asymmetric 94 % 1.100 cd/lm	



PHOTOMETRIC DATA (SIMULATED):





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.

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