

STRADA-2X2-ME-WIDE1

Beam with excellent longitudinal luminance uniformity fulfilling EN13201 M-class requirements where road width is equal to or less than the pole height. Added house-side backlight.

TECHNICAL SPECIFICATIONS:

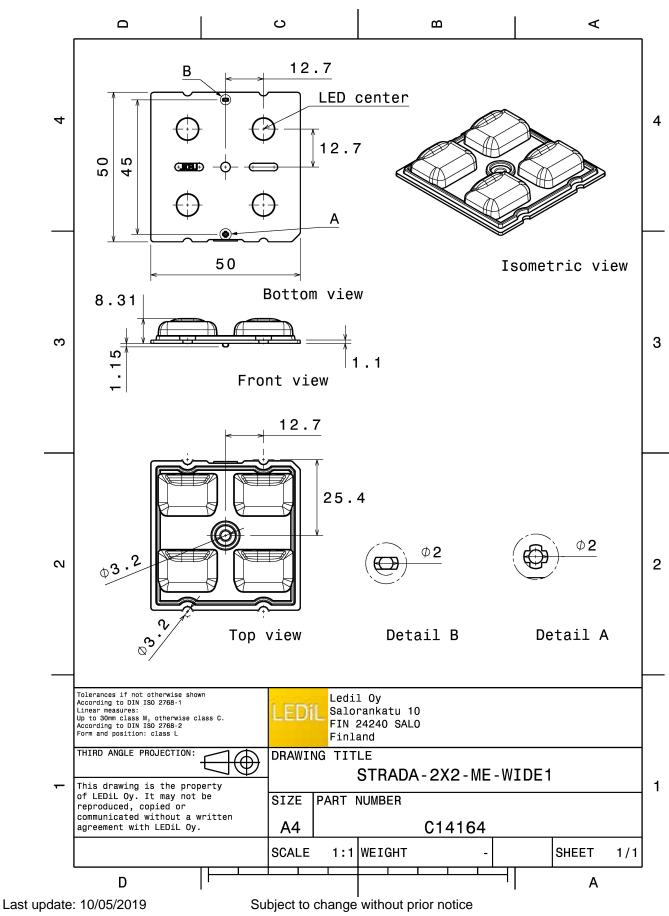
Dimensions	50.0 mm
Height	8.9 mm
Fastening	glue, pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.9 kg
Quantity in Box	800 pcs
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component STRADA-2X2-ME-WIDE1 **Type** Multi-lens **Material** PMMA Colour clear



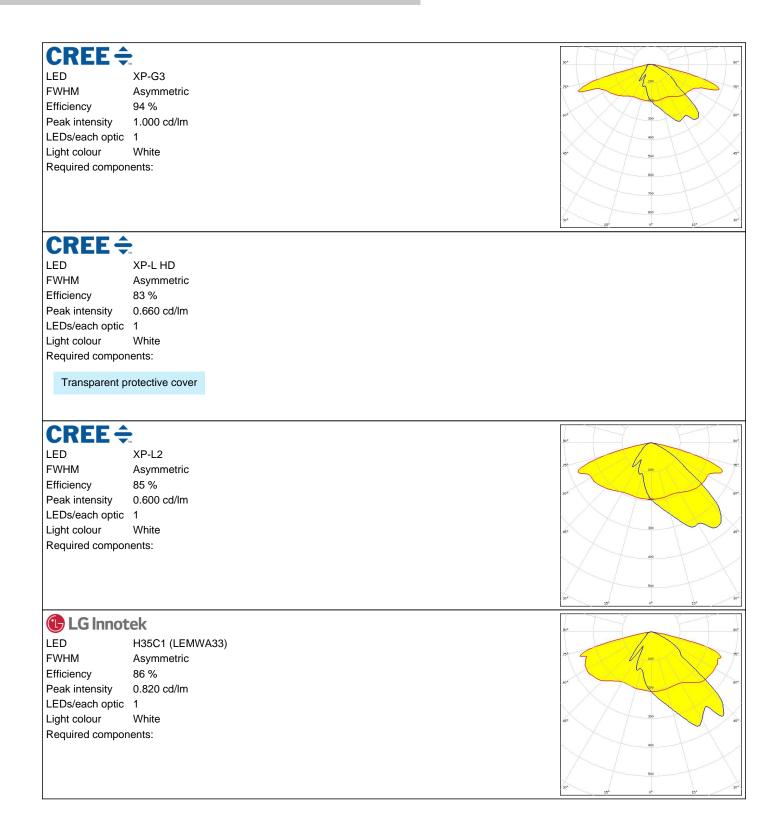


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CREE LED XD16 FWHM Asymmet Efficiency 94 % Peak intensity 0.700 cd/ LEDs/each optic 4 Light colour White Required components:		
CREE LED XD16 FWHM Asymmet Efficiency 94 % Peak intensity 1.400 cd/ LEDs/each optic 1 Light colour White Required components:		51 50 50 50 50 50 50 50 50 50 50 50 50 50
CREE LED XP-G FWHM Asymmet Efficiency 86 % Peak intensity 0.950 cd/		20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LEDs/each optic 1 Light colour White Required components: Transparent protective c		30° 13° 0° 13° 0°
CREE LED XP-G2 FWHM Asymmet Efficiency 83 % Peak intensity 0.860 cd/ LEDs/each optic 1 Light colour White Required components:		90° 100 100 100 100 100 100 100 100 100 1
Transparent protective c	over	20* 15 ⁴ 0* 25* 24*







	EDS	
LED	LUXEON TX	
FWHM	Asymmetric	
Efficiency	84 %	
Peak intensity	0.880 cd/lm	
LEDs/each optic		
Light colour	White	
Required compor		
i toquirou compor		
Transparent p	rotective cover	
UMIL	EDS	99* 90*
LED	LUXEON V	
FWHM	Asymmetric	752 100 752
Efficiency	94 %	te to
Peak intensity	0.770 cd/lm	eor internet in the second sec
LEDs/each optic	1	
Light colour	White	45* 400 45*
Required compor	ents:	
		000
		7700
		30° 15° 30°
Ø ΝΙCΗΙΛ		
		90* 90 [*]
	NVSW219F	90° - 90°
LED	NVSW219F	90° 99°
LED FWHM	NVSW219F Asymmetric	90° - 99° 20
LED FWHM Efficiency	NVSW219F	80°
LED FWHM Efficiency Peak intensity	NVSW219F Asymmetric 94 % 1.000 cd/lm	50°
LED FWHM Efficiency Peak intensity LEDs/each optic	NVSW219F Asymmetric 94 % 1.000 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White	8° 8° 50 50 50 50 50 50 50 50 50 50 50
LED FWHM Efficiency Peak intensity LEDs/each optic	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White	90°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White	90°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White	90° 90° 30 90° 50° 50° 60° 60° 70° 50° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White	20 50 50 50 50 50 50 50 50 50 5
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White tents:	9° 10 10 10 10 10 10 10 10 10 10
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White tents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White lents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 % 1.000 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 % 1.000 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NVSW219F Asymmetric 94 % 1.000 cd/lm 1 White ents: NVSW319B Asymmetric 94 % 1.000 cd/lm 1 White	

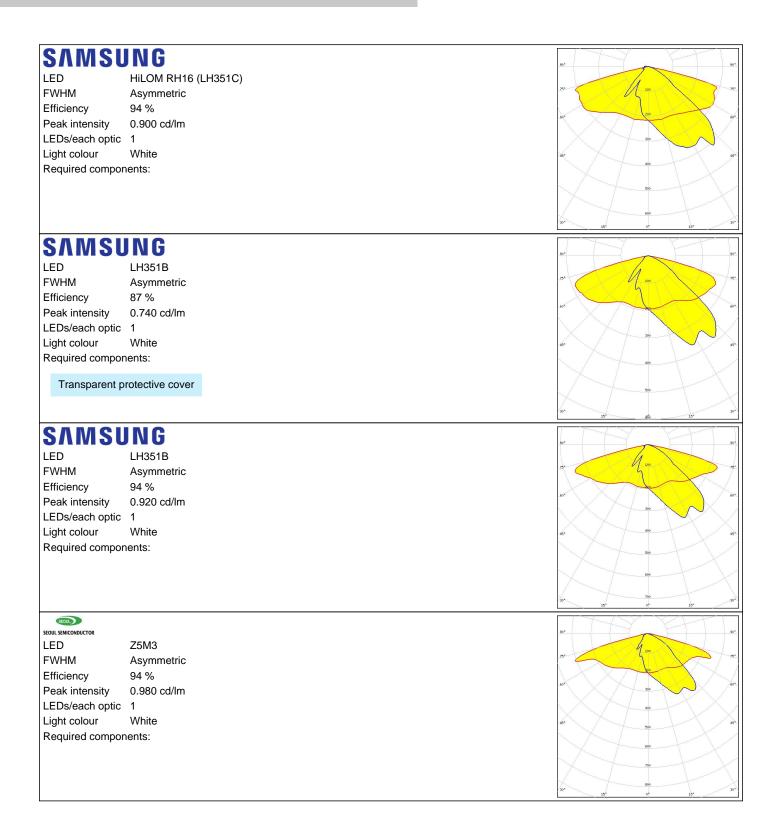


- /		
VICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW3x9A Asymmetric 86 % 0.780 cd/lm 1 White ents:	
OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	PrevaLED Brick HP 2x8 Asymmetric 86 % 0.970 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Transparent pr	White ents:	



OSRAM		
Opto Semiconductors	OCLON Cruster DC	
	OSLON Square PC	
FWHM	Asymmetric	
Efficiency	84 %	
Peak intensity	0.900 cd/lm	
LEDs/each optic		
Light colour	White	
Required compon	ents:	
Transparent p	otective cover	
PHILIP	S	30* 8)*
LED	Fortimo FastFlex LED 2x8 DA G4	
FWHM	Asymmetric	75* 75* 75*
Efficiency	86 %	
Peak intensity	0.820 cd/lm	- 60° - 200 - 60°.
LEDs/each optic	1	
Light colour	White	457 300 657
Required compon	ents:	
		400
Transparent p	otective cover	\times $ $ $ $ \times
		500
		30° 30° 30° 30°
PHILIP	5	THY FFT
LED	Fortimo FastFlex LED 2x8 DA G4+	90° 90°
FWHM	Asymmetric	754 754 754
	94 %	
Efficiency		60° 200 60°
Peak intensity	0.927 cd/lm	
LEDs/each optic		X - 30 - X
Light colour	White	65° 63°
Required compon	ents:	400
		\times / \top / \times
		30* 500 J3* 30*
DILLIP	C	
PHILIP	2	90* 90*
LED	Fortimo FastFlex LED 2x8 DAX G4	4 100
FWHM	Asymmetric	75 76
Efficiency	94 %	
Peak intensity	1.000 cd/lm	60° 300 60°
LEDs/each optic		40
Light colour	White	5°
Required compon		
		600
		700
		X
		30° 15° 30°





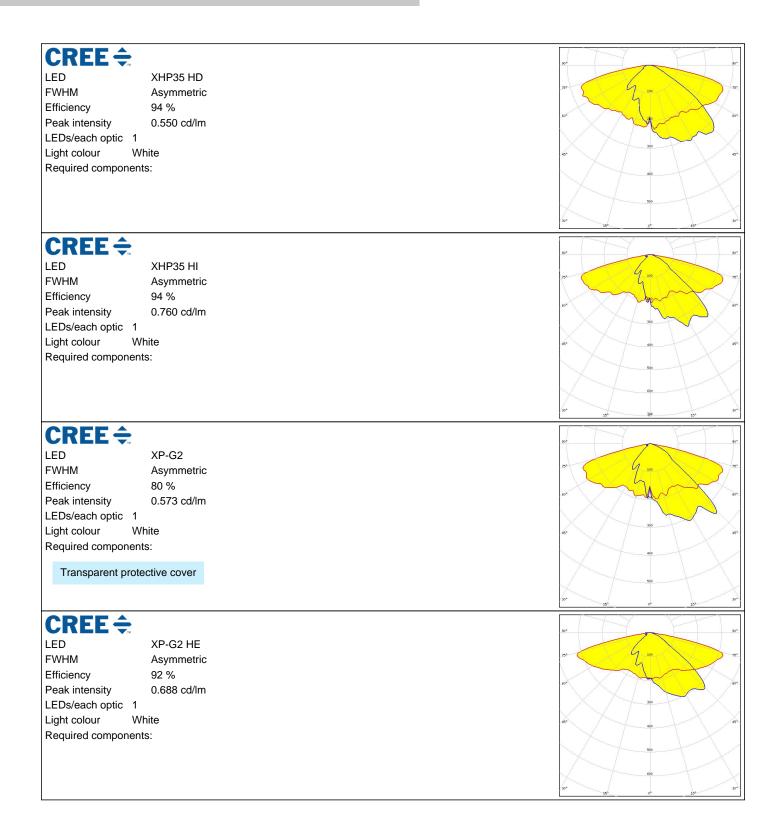


SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	50° (6° (6°) (6°) (6°) (6°) (6°) (6°) (6°)
		30° 15° 0° 15° 30°
TOSHIBA Leading Innovation >>> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	5°
Transparent p		500 30* 12 ¹ 0 ⁴ 13 ⁻
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE 2x4 2000lm HP EXC2 OTD Asymmetric 94 % 1.300 cd/lm 1 White	
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 1.300 cd/lm 1 White	50° 70° 60° 70° 70° 70° 70° 70° 70° 70° 7

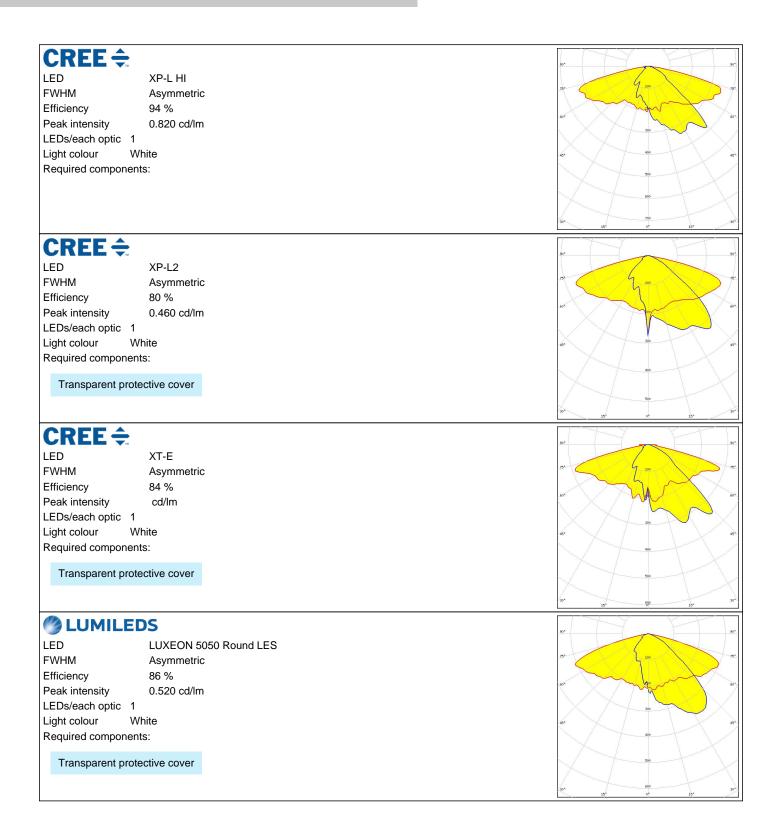


TRIDON		90° 90
LED	RLE G1 49x121mm 2000lm xxx EXC OTD	
FWHM	Asymmetric	75*
Efficiency	94 %	
Peak intensity	1.200 cd/lm	60*
LEDs/each optic		X 300
Light colour	White	
Required compor		
rtoquirou compor		50
		30° 15° 860 15° 30°
TRIDON		
		90° 90°
LED	RLE G1 49x133mm 2000lm xxx EXC OTD	4 200
FWHM	Asymmetric	
Efficiency	94 %	600 600
Peak intensity	1.200 cd/lm	
LEDs/each optic		
Light colour	White	45° 800 65'
Required compor	nents:	
		1000
		1220
		15° 1830 15°
TRIDON		
		50° 50'
LED	RLE G1 49x223mm 4000lm xxx EXC OTD	80° 99 75° 700 95
LED FWHM	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric	20 ⁴ 20 20 10 20
LED FWHM Efficiency	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 %	20
LED FWHM Efficiency Peak intensity	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm	25- 000 000 26- 000 000 200 000
LED FWHM Efficiency Peak intensity LEDs/each optic	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	90° 99 20° 200 60° 60° 200 60°
LED FWHM Efficiency Peak intensity LEDs/each optic	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	90° 90° 00° 00° 00° 00° 00° 00° 00° 00°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	80° 997 75° 130 75° 60° 200 67 90° 60°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	50°
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White hents:	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White hents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White hents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 %	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Required compor Efficiency Peak intensity	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor Required compor Ether FWHM Efficiency Peak intensity LEDs/each optic	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	RLE G1 49x223mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White nents: RLE G1 49x245mm 4000lm xxx EXC OTD Asymmetric 94 % 1.200 cd/lm 1 White	











LUMILEDS

LED LUXEON 5050 Round LES FWHM Asymmetric 94 % Efficiency Peak intensity 0.650 cd/lm LEDs/each optic 1 Light colour White Required components:

LUMILEDS

LED	LUXEON T	
FWHM	Asymmetric	
Efficiency	84 %	
Peak intensity	cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

Transparent protective cover

ΜΝΙCΗΙΛ LED NVSW3x9A FWHM Asymmetric Efficiency 93 % Peak intensity 0.850 cd/lm LEDs/each optic 1 Light colour White Required components: **Μ**ΝΙCΗΙΛ LED NVSxx19B/NVSxx19C FWHM Asymmetric Efficiency 94 % 0.860 cd/lm Peak intensity LEDs/each optic 1 White Light colour Required components:



OSRAM		
Opto Semiconductors		90*
	OSCONIQ P 3737 (2W version)	73° y 100
FWHM	Asymmetric 94 %	to and the second
Efficiency		50 ⁴
Peak intensity	0.900 cd/lm	
LEDs/each optic 1	Vhite	400
0		ete
Required component	115.	
		60
		700
		30* 13 ⁵ 665 15 ⁵ 3
OSRAM		
Opto Semiconductors		90*
LED	OSCONIQ P 3737 (3W version)	
FWHM	Asymmetric	
Efficiency	94 %	
Peak intensity	0.720 cd/lm	
LEDs/each optic 1		
0	Vhite	45*
Required component	nts:	500
		00
		769
		30 ⁺ 3
OSRAM		
Opto Semiconductors	OSI ON Saucro CSSDM2/CSSDM2	90*
FWHM	OSLON Square CSSRM2/CSSRM3 Asymmetric	750 9 100
Efficiency	94 %	
Peak intensity	94 % 0.820 cd/lm	
LEDs/each optic 1		
	Vhite	40
Required component		45 540
Required component	113.	
		000
		700
		30* 15 ³ 8/9 15* 3
SAMSU	NG	
LED	LH351D	
FWHM	Asymmetric	
Efficiency	76 %	
Peak intensity	76 % 0.440 cd/lm	
LEDs/each optic 1		
	Vhite	
Required compone		
Transparent pro	tective cover	



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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LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

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