

STRADA-2X2-DN

Beam for area lighting with shorter illumination distances

50.0 mm

TECHNICAL SPECIFICATIONS:

Dimensions

Height

8.1 mm

Fastening pin, screw

ROHS compliant yes ()

MATERIAL SPECIFICATIONS:

Component STRADA-2X2-DN **Type** Multi-lens



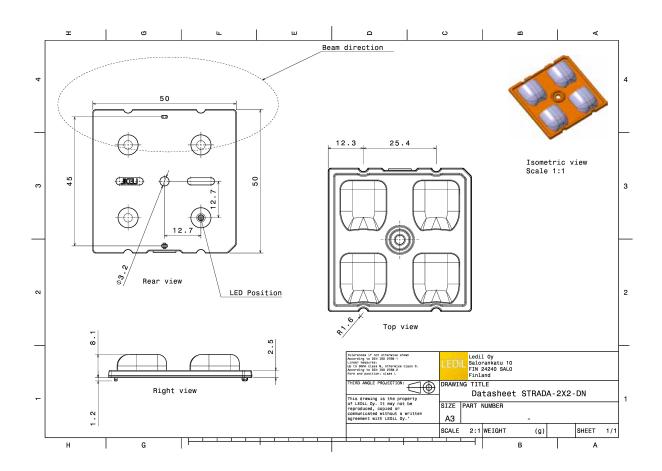
	Material	Colour	Finish
	PMMA	clear	
_			

ORDERING INFORMATION:

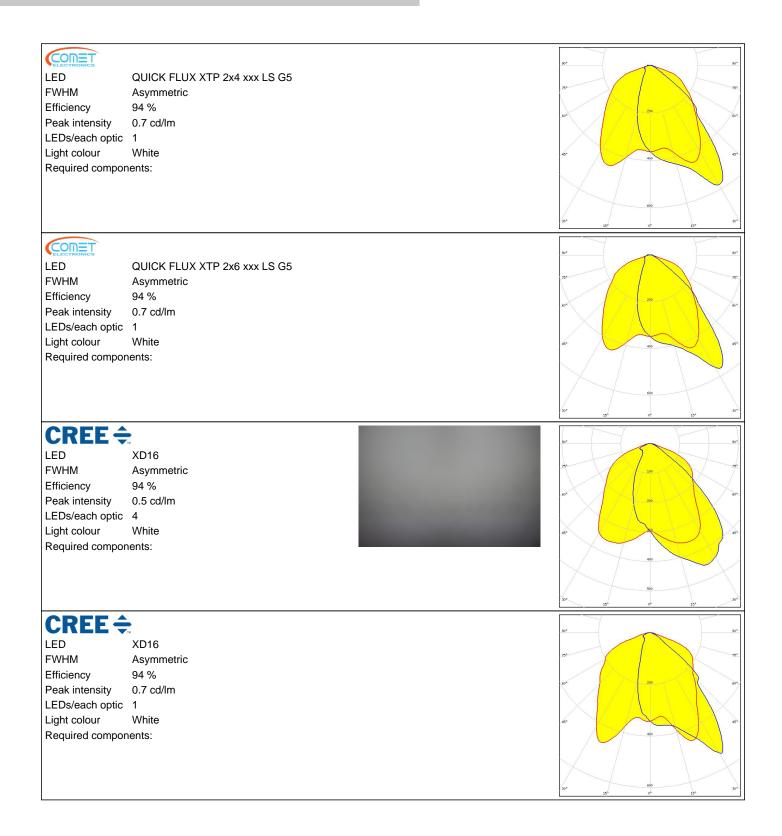
Component

C13699_STRADA-2X2-DN » Box size: 480 x 280 x 300 mm

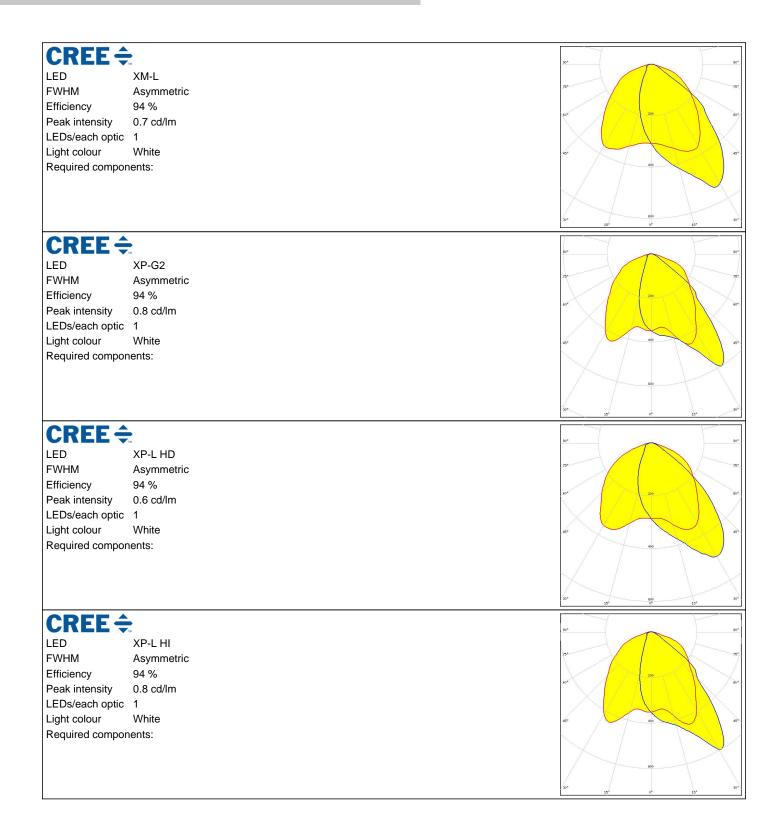
Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	7.7



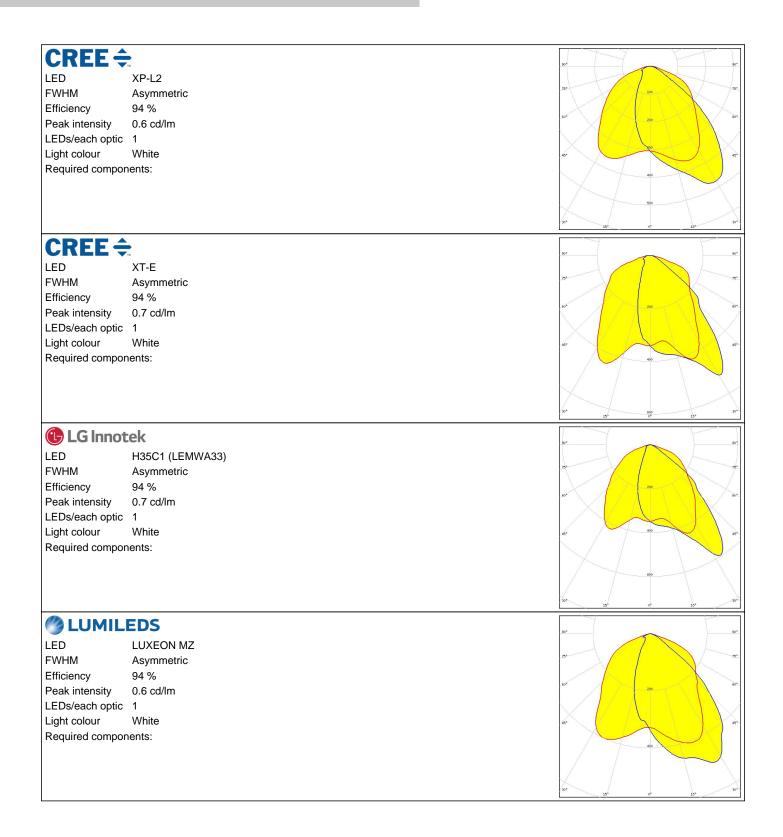




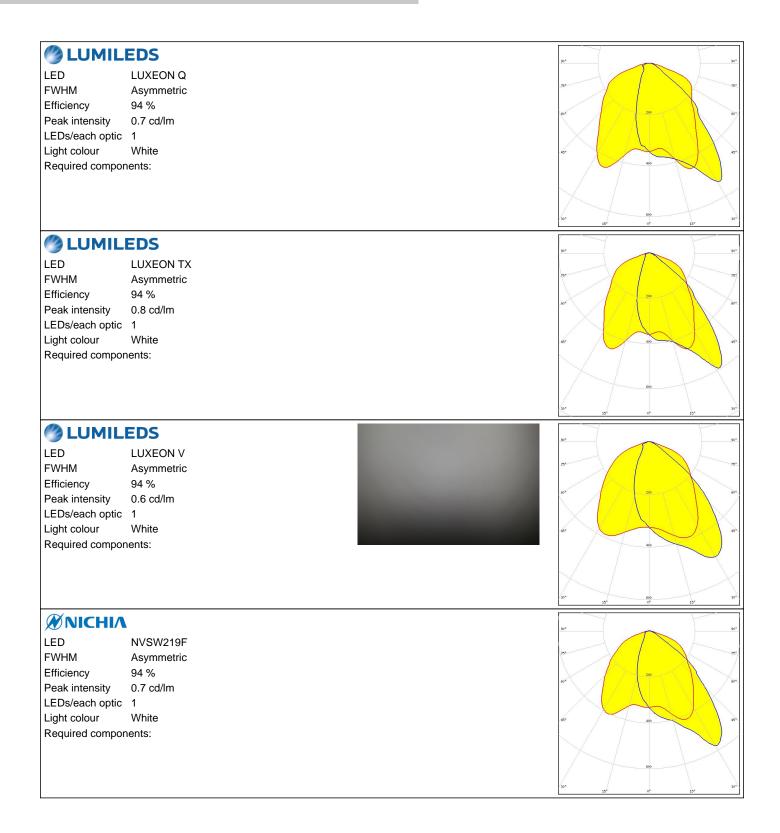














Μ ΝΙCΗΙΛ		
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW319B Asymmetric 94 % 0.7 cd/lm 1 White	20° - 10° - 10° - 20° -
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSW3x9A Asymmetric 94 % 0.6 cd/lm 1 White	
EFWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	NVSxE21A Asymmetric 94 % 1.5 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	



PHOTOMETRIC DATA (MEASURED):

PHILIP	S	
LED	Fortimo FastFlex LED 2x8 DA G4	
FWHM	Asymmetric	759 773
Efficiency	%	
Peak intensity	0.8 cd/lm	604 60
LEDs/each optic		
Light colour	White	400
Required compor		
. loquilou compoi		
		600
		\times / \land \times
		30* <u>15</u> * <u>30</u> *
PHILIP	S	90* 90
LED	Fortimo FastFlex LED 2x8 DA G4+	
FWHM	Asymmetric	75* 75
Efficiency	98 %	
Peak intensity	0.7 cd/lm	60*
LEDs/each optic		
Light colour	White	457 440 65
Required compor	ents:	
		600
		10 ¹⁰ 15 ¹⁰ 0 ¹⁰ 15 ¹⁰
SAMSU	ING	90* 99*
LED	HiLOM RH16 (LH351C)	
FWHM	Asymmetric	780 / 731
Efficiency	94 %	
Peak intensity	0.7 cd/lm	eor contraction of the second se
LEDs/each optic	1	
Light colour	White	45* 400 45
Required compor	ents:	
		30* 30*
<u> </u>		
SAMSU		
UNIVIUU		90* 90
LED	LH351B	90*
		20 ¹
LED	LH351B	2 ¹⁰ 200
LED FWHM	LH351B Asymmetric	90************************************
LED FWHM Efficiency	LH351B Asymmetric 94 % 0.7 cd/lm	8°* 89 20 60's 80
LED FWHM Efficiency Peak intensity	LH351B Asymmetric 94 % 0.7 cd/lm	5°
LED FWHM Efficiency Peak intensity LEDs/each optic	LH351B Asymmetric 94 % 0.7 cd/lm 1 White	20 ⁴ 99 20 ⁴ 200 60 ⁴ 60 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 94 % 0.7 cd/lm 1 White	20 ¹
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 94 % 0.7 cd/lm 1 White	5° 90 20 70 60' 200 60' 60 60' 60 60' 60 60' 60 60' 60
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	LH351B Asymmetric 94 % 0.7 cd/lm 1 White	

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seoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	20° 200 200 0° 0° 0° 0° 0° 0° 0° 0° 0°
SEOUL		
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	92* 92* 72* 65* 67* 60* 60* 60*
		30° <u>25° 0° 25°</u> 30°
stout seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9° 9
seou: seniconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	



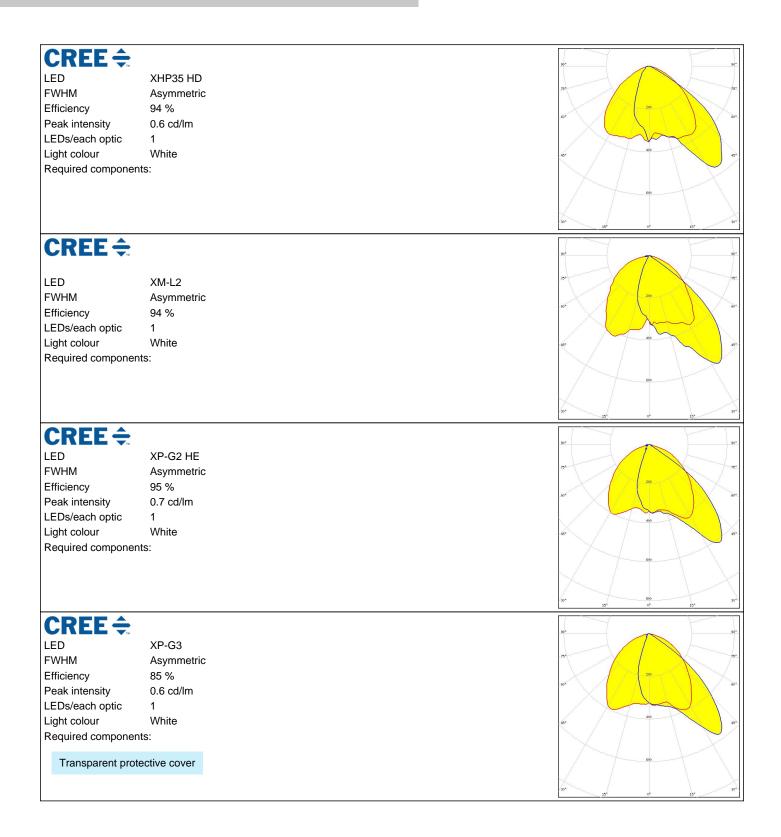
TOSHIBA Leading Innovation >>> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	214 154 66 134 244 104 05 105 05 10
TOSHIBA Leading Innovation >>> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	White	20 20 00 00 00 00 00 00 00 00
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RLE 2x4 2000lm HP EXC2 OTD Asymmetric 94 % 0.8 cd/lm 1 White	
TRIDON LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RLE 2x8 4000lm HP EXC2 OTD Asymmetric 94 % 0.8 cd/lm 1 White	214 214 214 215 216 216 216 216 216 216 217 217 217 217 217 217 217 217



TRIDONIC	
LED RLE G1 49x121mm 2000lm xxx EXC OTD	
FWHM Asymmetric	782
Efficiency 94 %	400
Peak intensity 0.8 cd/lm	
LEDs/each optic 1	
Light colour White	800
Required components:	
X	
	15 ⁵ 1050 15 ⁶ 30 ⁶
TRIDONIC	
LED RLE G1 49x133mm 2000lm xxx EXC OTD	90*
FWHM Asymmetric	75*
Efficiency 94 %	400
Peak intensity 0.8 cd/lm	6.*
LEDs/each optic 1	
Light colour White	
Required components:	5
	1200
X	
	13 ³ 10 ³⁰ 15 ⁴ 30 ⁶
TRIDONIC	
LED RLE G1 49x223mm 4000lm xxx EXC OTD	90*
FWHM Asymmetric	75*
Efficiency 94 %	400
-	604
Deak intensity 0.9 cd/lm	
Peak intensity 0.8 cd/lm	
LEDs/each optic 1	
LEDs/each optic 1 Light colour White	
LEDs/each optic 1	
LEDs/each optic 1 Light colour White	
LEDs/each optic 1 Light colour White	
LEDs/each optic 1 Light colour White	10 ⁻² 10 ⁻² 10 ⁻ 0 ⁻²
LEDs/each optic 1 Light colour White Required components:	10 ⁻
LEDs/each optic 1 Light colour White Required components:	12 ²⁰
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD	10 ¹⁰ 10 ¹⁰ 10 ¹⁰ 10 ¹⁰
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric	
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 %	100 100 100 100 100 100 100 100 100 100
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm	100
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1	
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1	
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	
LEDs/each optic 1 Light colour White Required components: TRIDONIC LED RLE G1 49x245mm 4000lm xxx EXC OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White	



PHOTOMETRIC DATA (SIMULATED):



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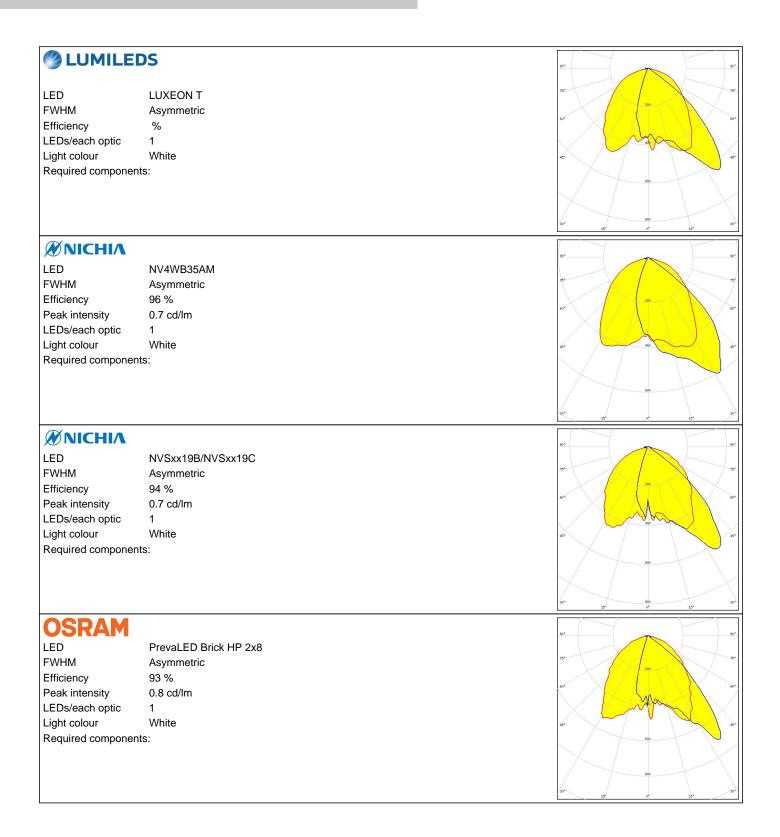
PHOTOMETRIC DATA (SIMULATED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G3 Asymmetric 94 % 0.7 cd/lm 1 White	
CUMILE ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 5050 Round LES Asymmetric 94 % 0.6 cd/lm 1 White	
	DC	
CUMILE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer Transparent prot	LUXEON 5050 Round LES Asymmetric 87 % 0.6 cd/lm 1 White tts:	
CUMILE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 5050 Square LES Asymmetric 96 % 0.6 cd/lm 1 White	25° 52° 6° 13° 25°

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PHOTOMETRIC DATA (SIMULATED):

-		
OSRAM		
Opto Semiconductors		
LED	Duris S8	
FWHM	Asymmetric	
Efficiency	93 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required componen	ts:	
OCDAM		
OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 3737 (3W version)	
FWHM	Asymmetric	72.6 72.2
Efficiency	94 %	200
Peak intensity	0.7 cd/lm	.60* 60*
LEDs/each optic	1	
Light colour	White	
Required componen		
		000
		30° 152 0° 152 30°
OSRAM Opto Semiconductors		
LED	OSCONIQ P 3737 Flat	90° 90°
FWHM		736 789
	Asymmetric	200
Efficiency	96 %	.50* 60*
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	45, 6,
Required componen	IS:	
		\times
		30* 35 ¹ 0 ⁴ 15* 30*
OSRAM		14 ² 0 ⁴ 15 ⁴
Opto Semiconductors		90° 90°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM	Asymmetric	
Efficiency	87 %	200
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	45*
Required componen	ts:	
		640
Transparent prote	ective cover	\times / \times

PRODUCT DATASHEET

C13699_STRADA-2X2-DN



PRODUCT DATASHEET

C13699_STRADA-2X2-DN

PHOTOMETRIC DATA (SIMULATED):

OSRAM

opto connocitatorio	
LED	OSLON Square CSSRM2/CSSRM3
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components	8:

PHILIPS

LEDFortimo FastFlex LED 2x8 DAX G4FWHMAsymmetricEfficiency94 %LEDs/each optic1Light colourWhiteRequired components:

SAMSUNG

LEDLH351DFWHMAsymmetricEfficiency93 %LEDs/each optic1Light colourWhiteRequired components:



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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