STRADA-2X2-MEW

Beam with extremely low glare fulfilling EN13201 M-class requirements for wet road surfaces in North Europe

TECHNICAL SPECIFICATIONS:

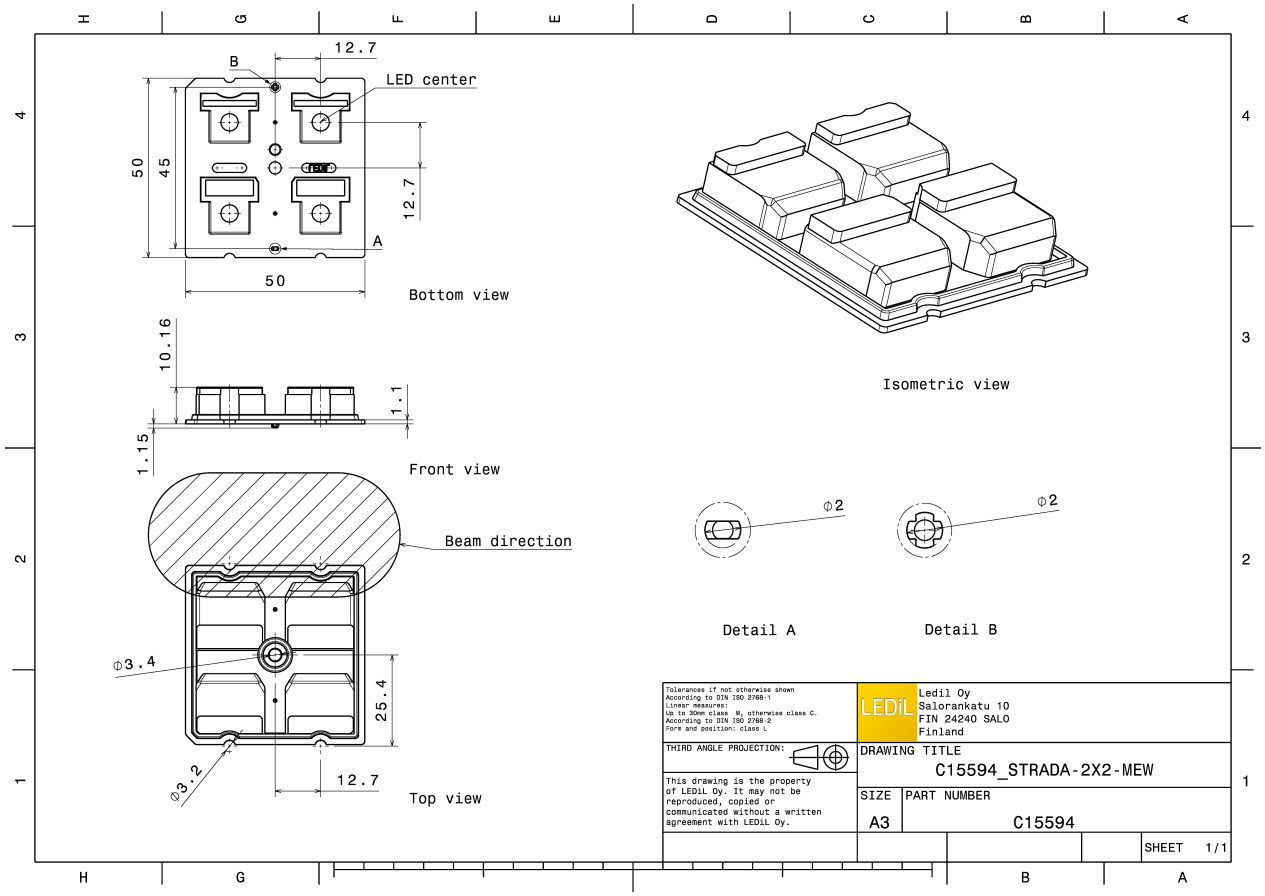
Dimensions	50.0 mm
Height	10.2 mm
Fastening	screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-2X2-MEW	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C15594_STRADA-2X2-MEW » Box size: 480 x 280 x 300 mm	800	160	160	9.6


12.7
B
LED center
50
45
12.7
A
50
Bottom view
10.16
1.1
1.15
Front view
Beam direction
Φ3.4
25.4
Ø3.2
12.7
Top view
Isometric view
Φ2
Φ2
Detail A
Detail B
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L
THIRD ANGLE PROJECTION:
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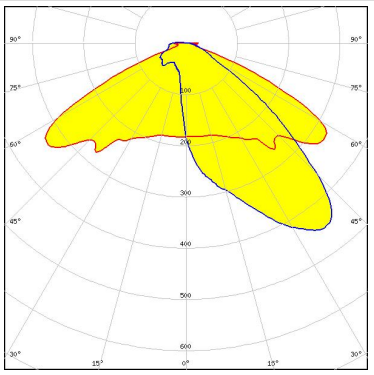
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
DRAWING TITLE
C15594_STRADA-2X2-MEW
SIZE
A3
PART NUMBER
C15594
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED	XD16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White

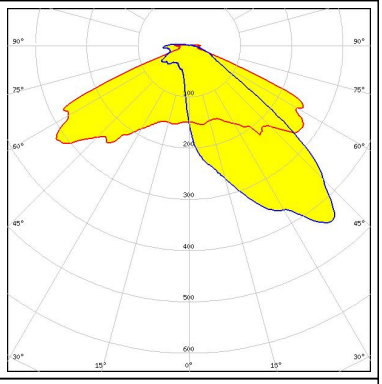
Required components:



CREE

LED	XD16
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

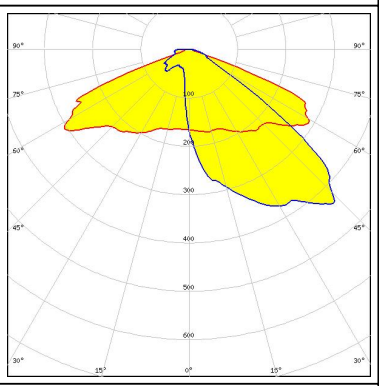
Required components:



CREE

LED	XP-G2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

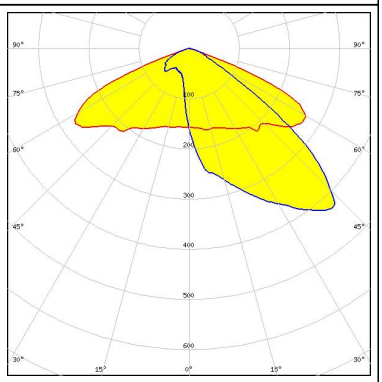


CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

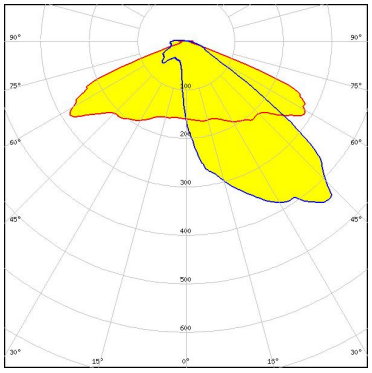
Transparent protective cover



PHOTOMETRIC DATA (MEASURED):

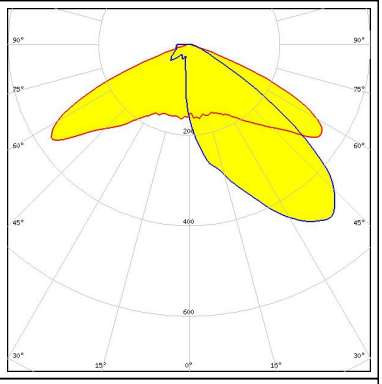
CREE

LED	XP-L HI
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



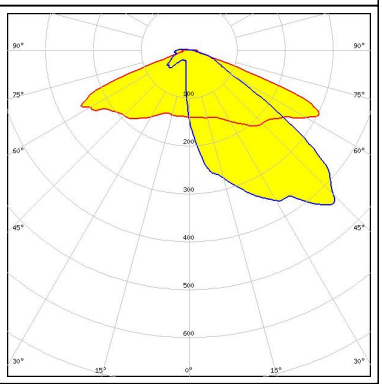
LUMILEDS

LED	LUXEON 5050 Round LES
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



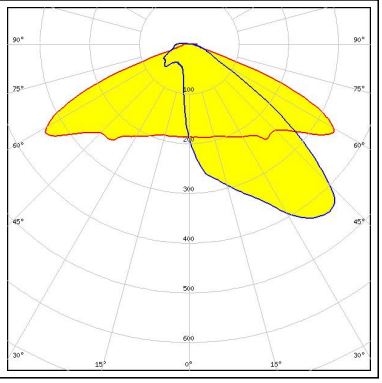
LUMILEDS

LED	LUXEON TX
FWHM	Asymmetric
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

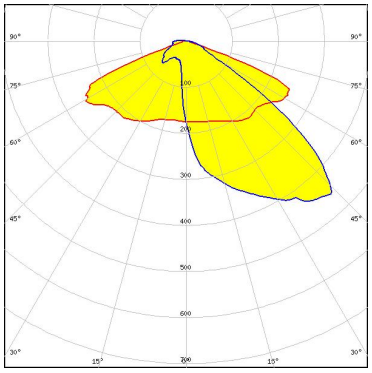
LED	LUXEON V
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

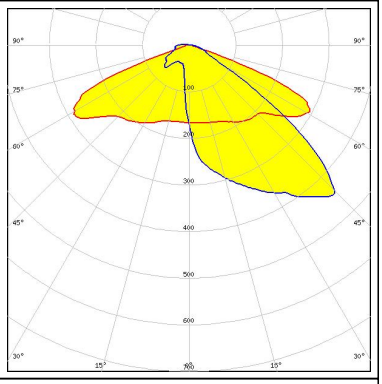
NICHIA

LED	NVSW219D
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



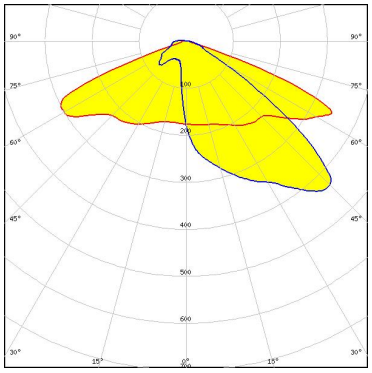
NICHIA

LED	NVSW219F
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSW319B
FWHM	Asymmetric
Efficiency	96 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM

LED	PrevaLED Brick HP 2x8
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

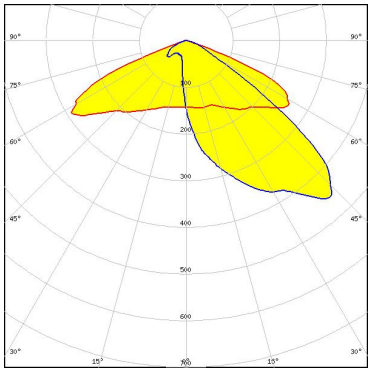
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

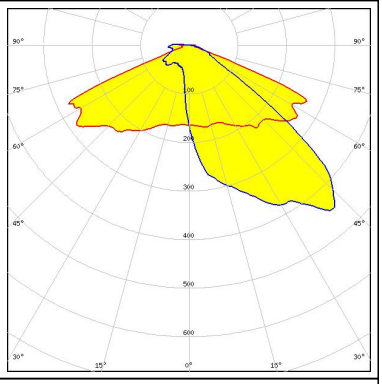
Transparent protective cover



OSRAM
Opto Semiconductors

LED	OSLON Square PC
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

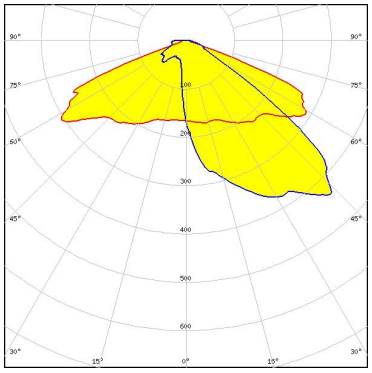
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

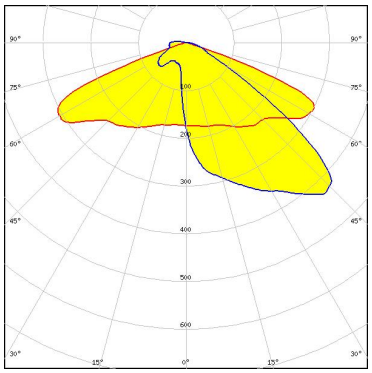
Required components:



PHILIPS

LED	Fortimo FastFlex LED 2x8 DA G4+
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

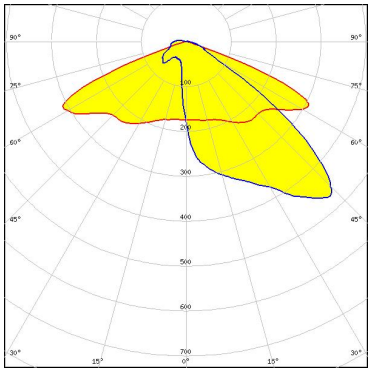
Required components:



PHOTOMETRIC DATA (MEASURED):

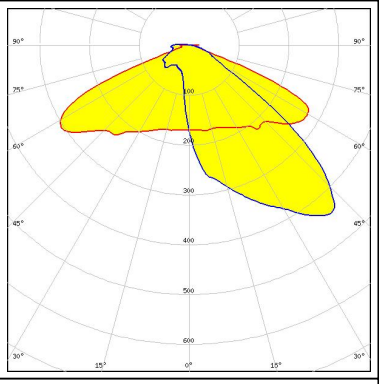
SAMSUNG

LED	HiLOM RH16 (LH351C)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



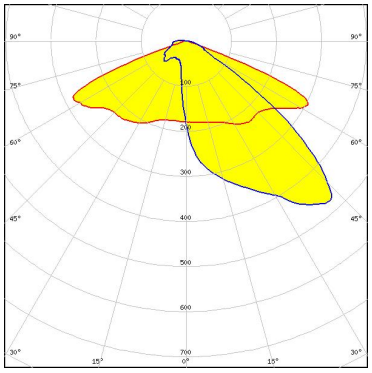
SEOUL SEMICONDUCTOR

LED	Z5M3
FWHM	Asymmetric
Efficiency	96 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



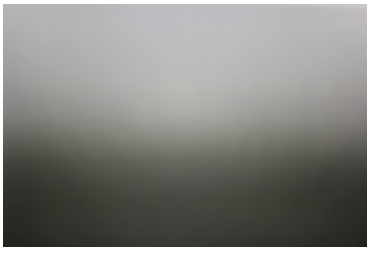
SEOUL SEMICONDUCTOR

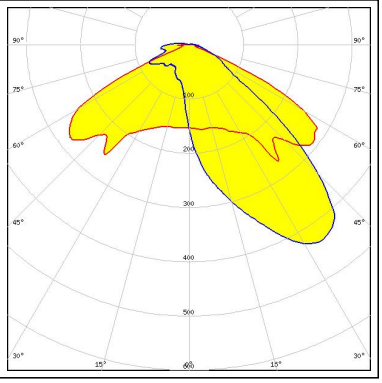
LED	Z5M4
FWHM	Asymmetric
Efficiency	97 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





PHOTOMETRIC DATA (MEASURED):

TRIDONIC

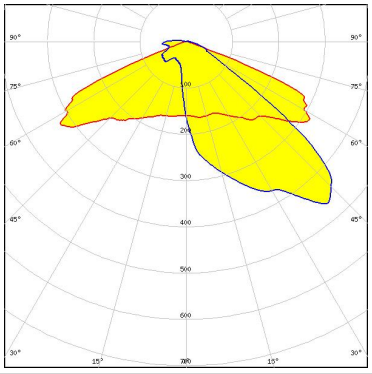
LED	RLE 2x4 2000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

TRIDONIC

LED	RLE 2x8 4000lm HP EXC2 OTD
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XHP35 HD
FWHM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

CREE

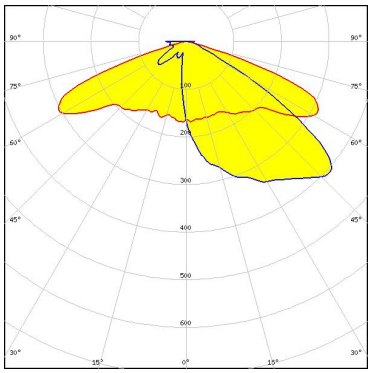
LED	XHP35 HI
FWHM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XM-L2
FWHM	Asymmetric
Efficiency	0 %
LEDs/each optic	1
Light colour	White
Required components:	

CREE

LED	XP-G2 HE
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



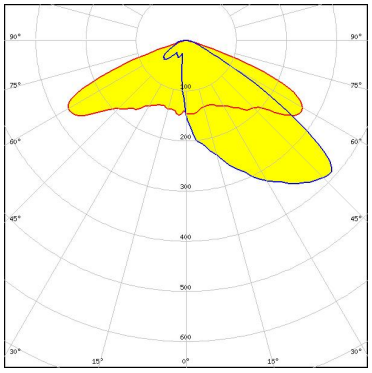
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XP-G3
FWHM	Asymmetric
Efficiency	81 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

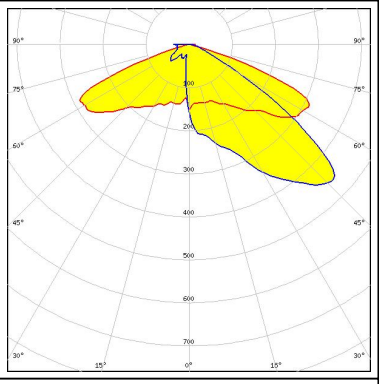
Transparent protective cover



CREE

LED	XP-L HD
FWHM	Asymmetric
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



CREE

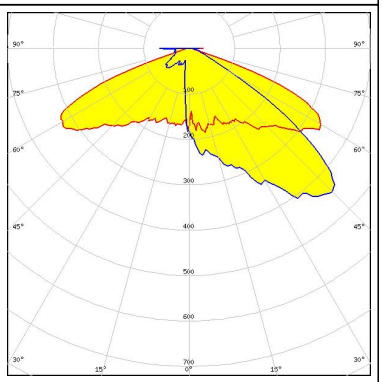
LED	XP-L HI
FWHM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:

CREE

LED	XP-L2
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XT-E
FWHM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

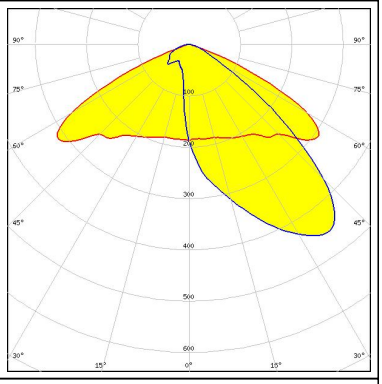
Required components:

LUMILEDS

LED	LUXEON 5050 Round LES
FWHM	Asymmetric
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Transparent protective cover



NICHIA

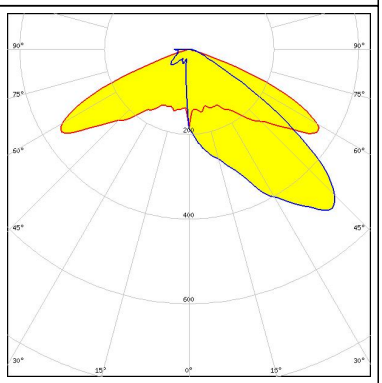
LED	NCSxx19B
FWHM	Asymmetric
Efficiency	0 %
LEDs/each optic	1
Light colour	White

Required components:

NICHIA

LED	NV4WB35AM
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

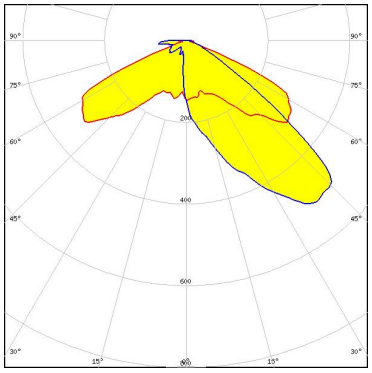


PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

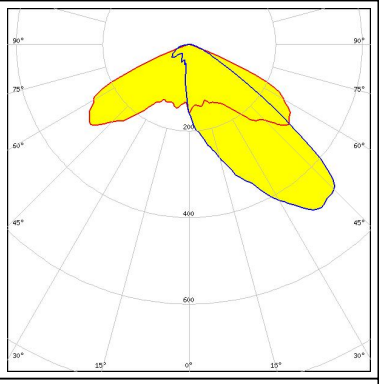


NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Transparent protective cover

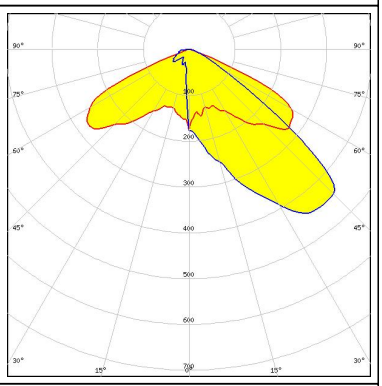


NICHIA

LED	NVSxE21A
FWHM	Asymmetric
Efficiency	82 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Transparent protective cover



NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	0 %
LEDs/each optic	1
Light colour	White

Required components:

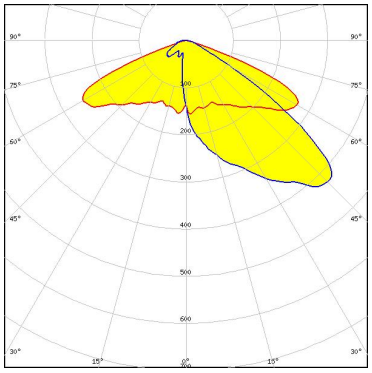
PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NVSxx19B/NVSxx19C
FWHM	Asymmetric
Efficiency	83 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Transparent protective cover

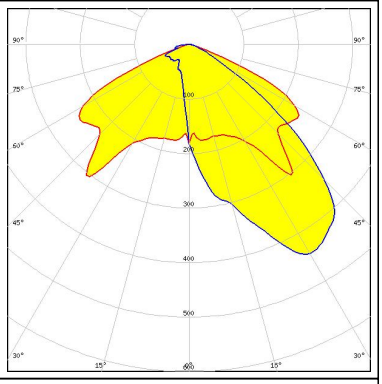


OSRAM
Opto Semiconductors

LED	Duris S8
FWHM	Asymmetric
Efficiency	84 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Transparent protective cover



OSRAM
Opto Semiconductors

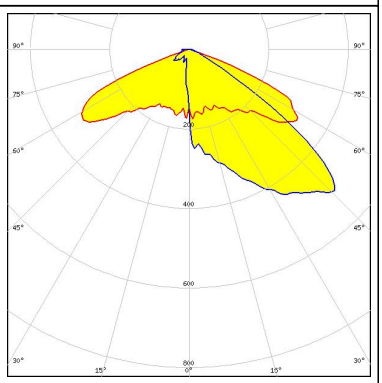
LED	Duris S8
FWHM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White

Required components:

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



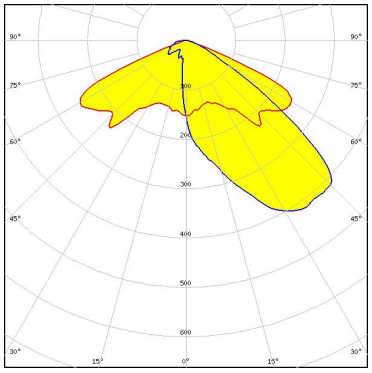
PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM	Asymmetric
Efficiency	83 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

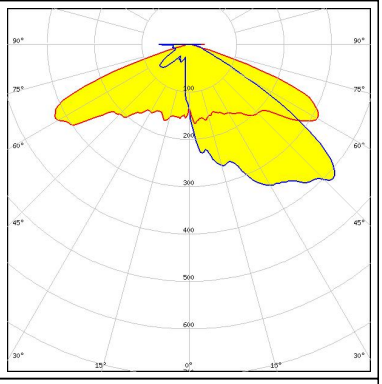
Transparent protective cover



PHILIPS

LED	Fortimo FastFlex LED 2x8 DAX G4
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

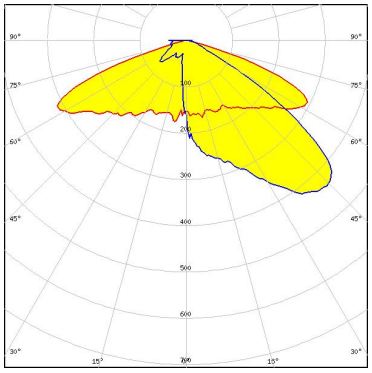
Required components:



SAMSUNG

LED	LH351D
FWHM	Asymmetric
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

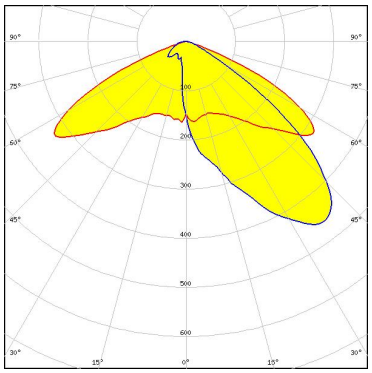


SAMSUNG

LED	LH508A
FWHM	Asymmetric
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Transparent protective cover



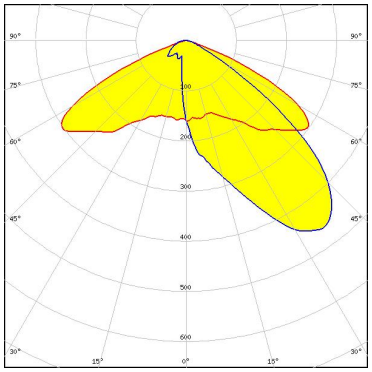
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH508B
FWHM	Asymmetric
Efficiency	85 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

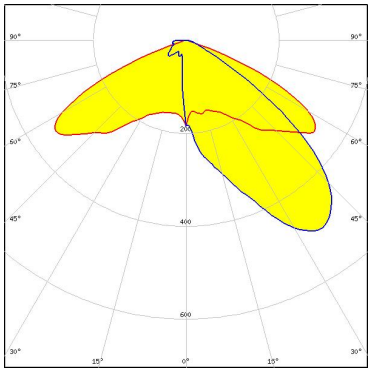
Transparent protective cover



SAMSUNG

LED	LH508B
FWHM	Asymmetric
Efficiency	95 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White

Required 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.

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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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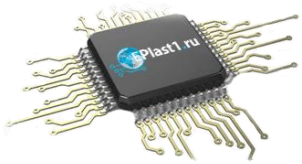
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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