


HB-2X2-RS

~10° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	10 mm
Fastening	screw
ROHS compliant	yes 

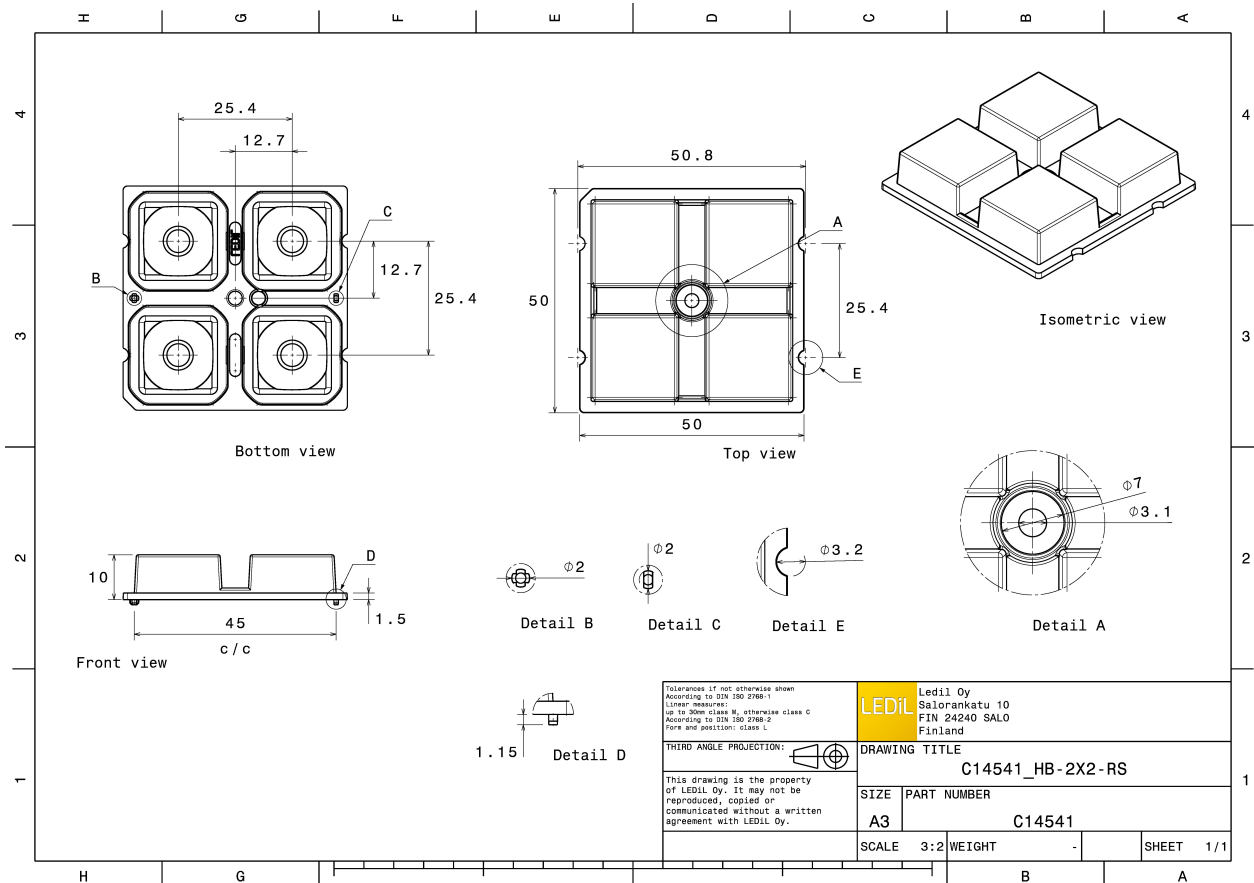
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HB-2X2-RS	Multi-lens	PMMA	clear	



ORDERING INFORMATION:

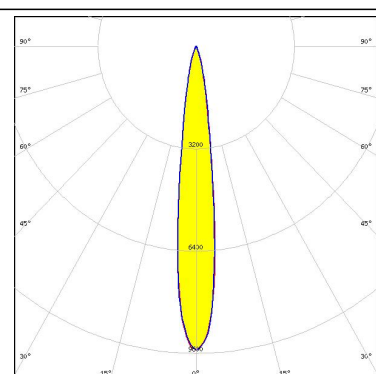
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14541_HB-2X2-RS » Box size: 480 x 280 x 300 mm	800	160	160	10.2



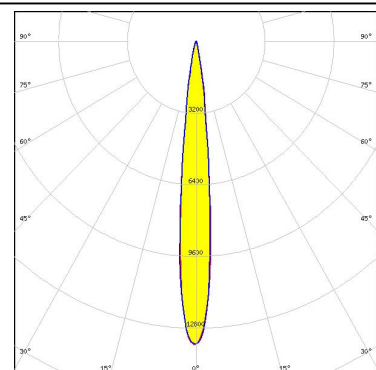
PHOTOMETRIC DATA (MEASURED):



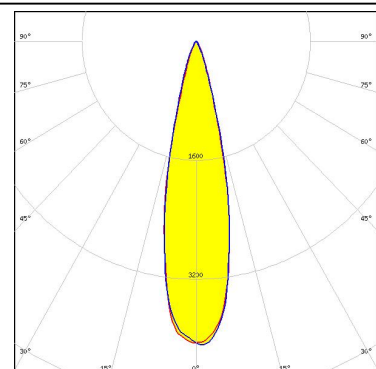
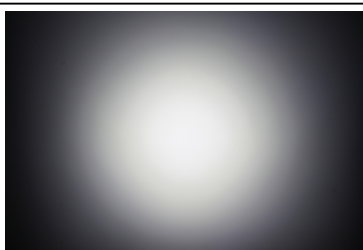
LED QUICK FLUX XTP 2x6 xxx LS G5
 FWHM 14.0°
 Efficiency 94 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



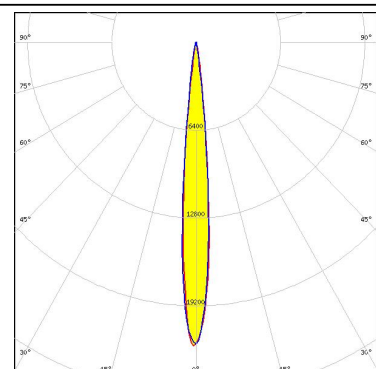
LED XD16
 FWHM 11.0°
 Efficiency 93 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35 HD
 FWHM 24.0°
 Efficiency 89 %
 Peak intensity 4.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



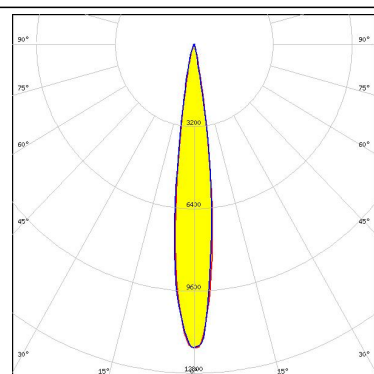
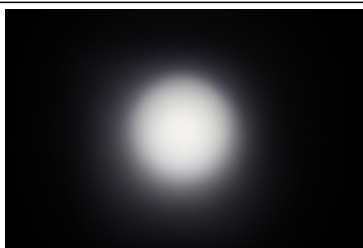
LED XP-E2
 FWHM 10.0°
 Efficiency 94 %
 Peak intensity 22.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



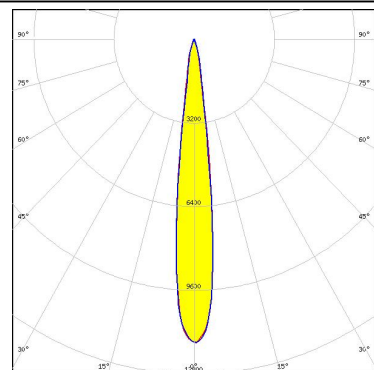
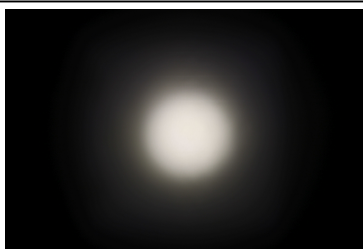
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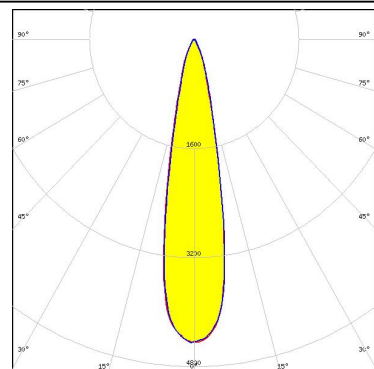
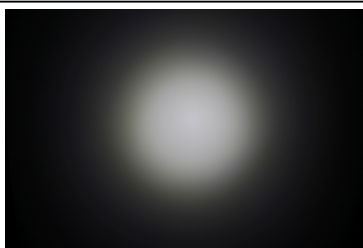
LED XP-G2
FWHM 14.0°
Efficiency 94 %
Peak intensity 11.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:



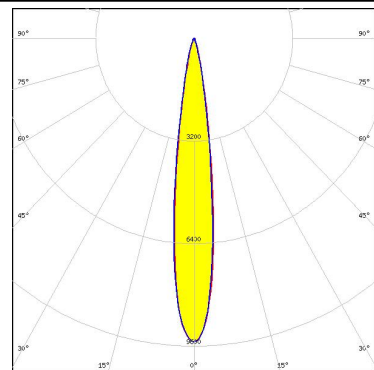
LED XP-L HI
FWHM 13.0°
Efficiency 94 %
Peak intensity 11.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-L2
FWHM 21.0°
Efficiency 94 %
Peak intensity 4.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



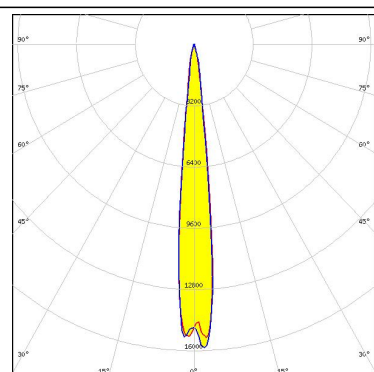
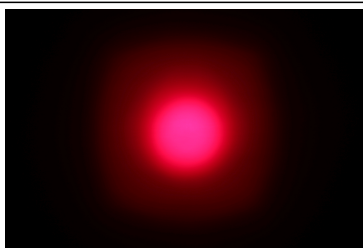
LED LUXEON V2
FWHM 15.0°
Efficiency 94 %
Peak intensity 9.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



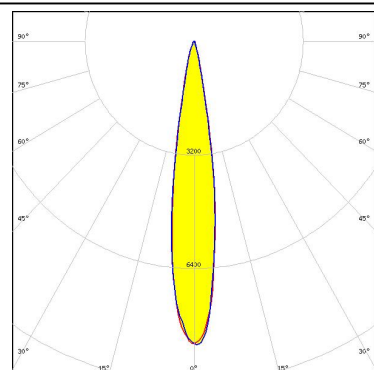
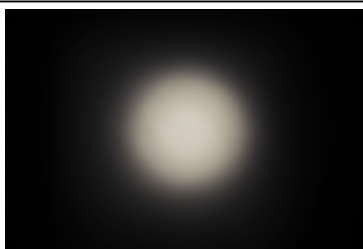
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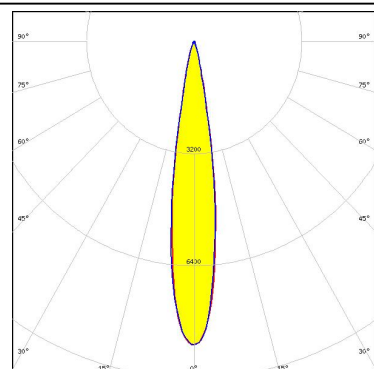
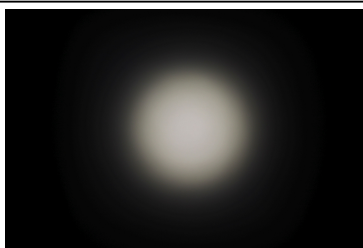
LED SST-10-B130
FWHM 12.0°
Efficiency 96 %
Peak intensity 15.9 cd/Im
LEDs/each optic 1
Light colour Deep Red
Required components:



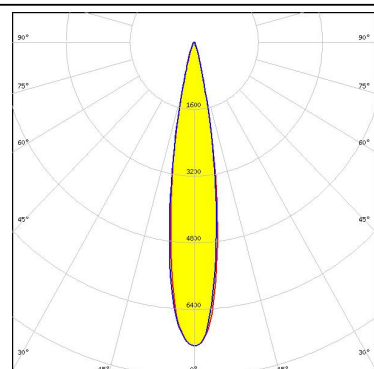
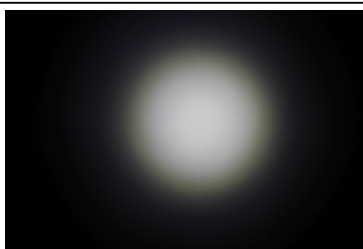
LED NVSW219D
FWHM 17.0°
Efficiency 94 %
Peak intensity 8.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM 17.0°
Efficiency 94 %
Peak intensity 8.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



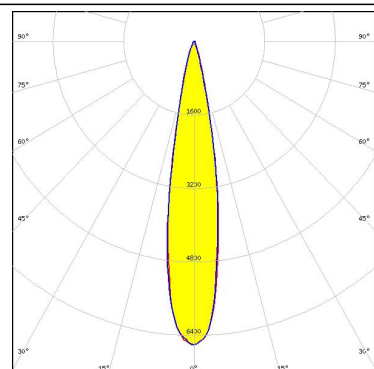
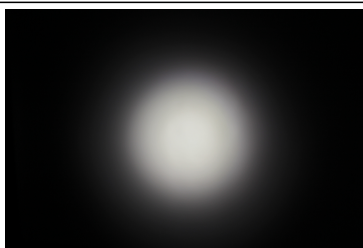
LED NVSW319B
FWHM 18.0°
Efficiency 94 %
Peak intensity 7.3 cd/Im
LEDs/each optic 1
Light colour White
Required components:



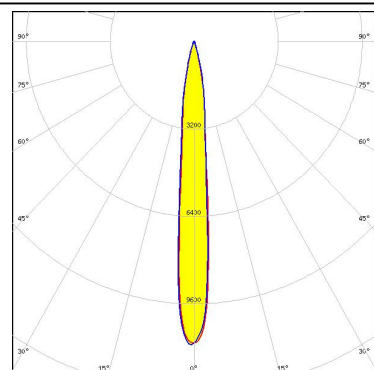
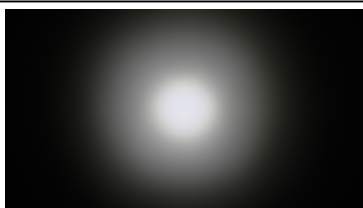
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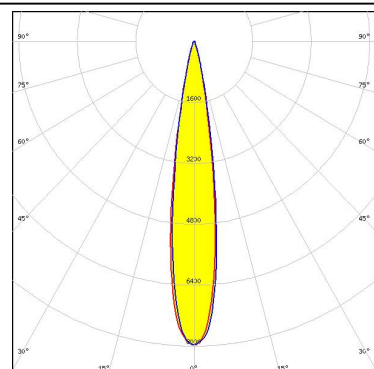
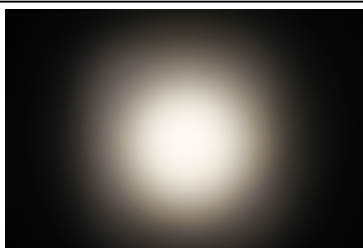
LED NVSW3x9A
FWHM 19.0°
Efficiency 94 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



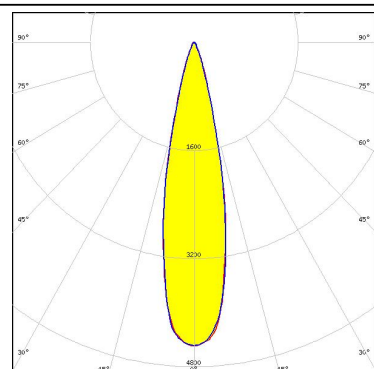
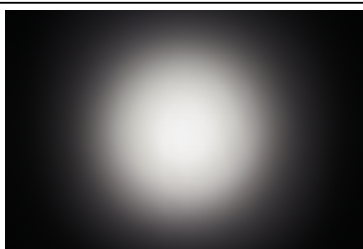
LED NVSxE21A
FWHM 11.0°
Efficiency 89 %
Peak intensity 11.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 17.0°
Efficiency 93 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NWSx229A
FWHM 23.0°
Efficiency 94 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

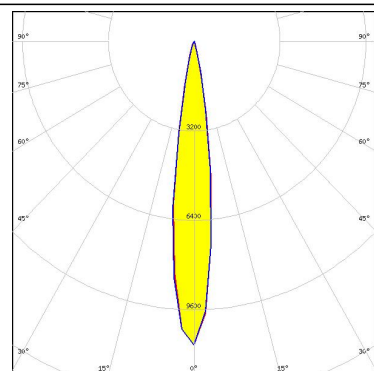


PHOTOMETRIC DATA (MEASURED):

OSRAM

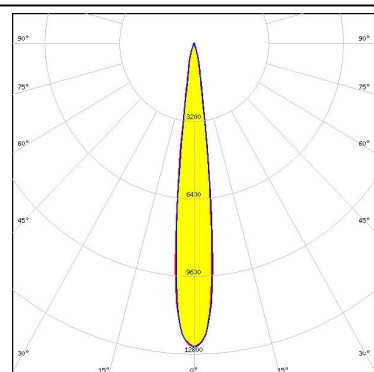
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM 15.0°
Efficiency 90 %
Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White
Required components:



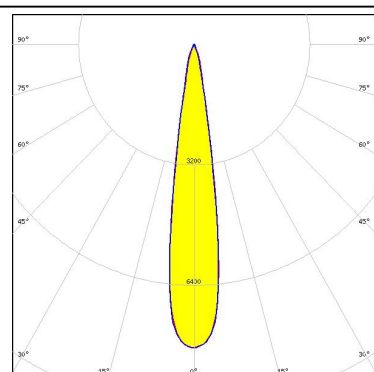
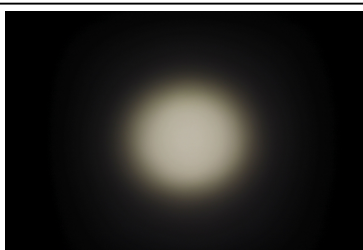
PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
FWHM 13.0°
Efficiency 93 %
Peak intensity 12.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



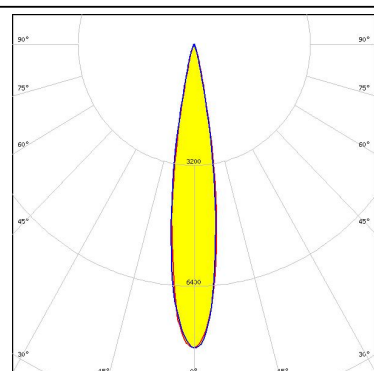
SAMSUNG

LED HiLOM RH16 (LH351C)
FWHM 17.0°
Efficiency 94 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

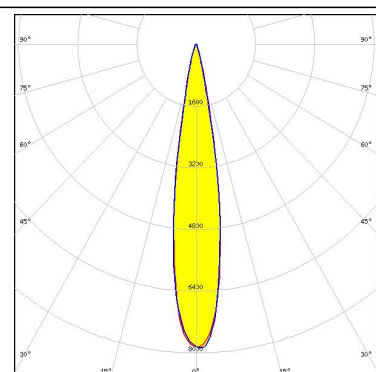
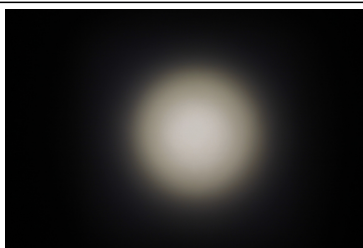
LED LH351B
FWHM 17.0°
Efficiency 89 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

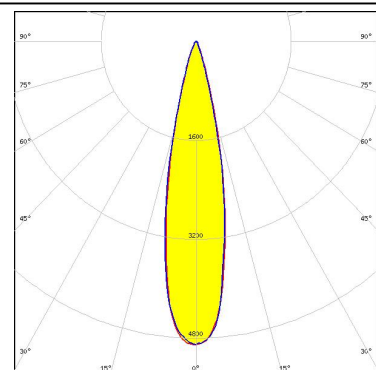
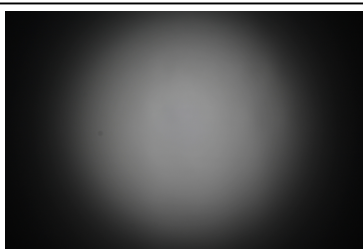
SAMSUNG

LED LH351C
FWHM 18.0°
Efficiency 94 %
Peak intensity 7.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



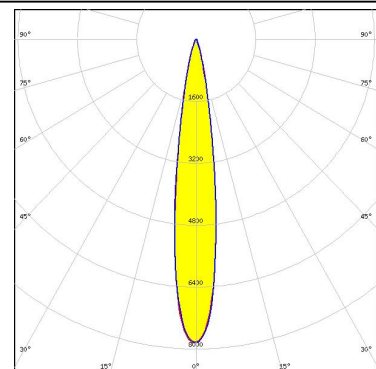
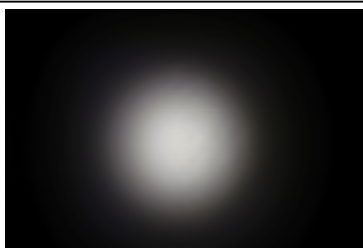
SAMSUNG

LED LH351D
FWHM 22.0°
Efficiency 94 %
Peak intensity 4.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



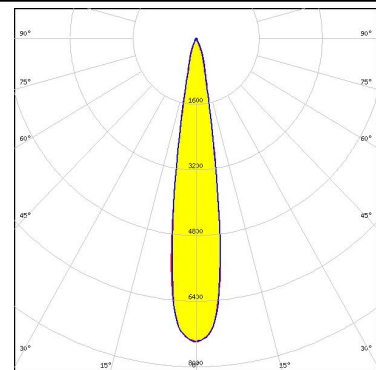
SEOUL SEMICONDUCTOR

LED Z5M3
FWHM 16.0°
Efficiency 94 %
Peak intensity 7.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:


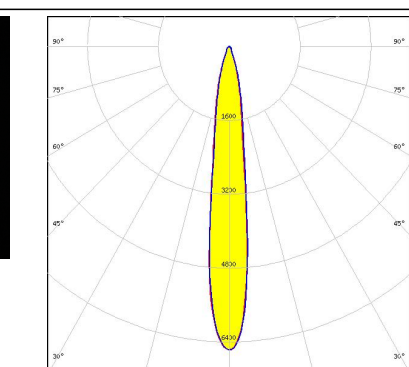
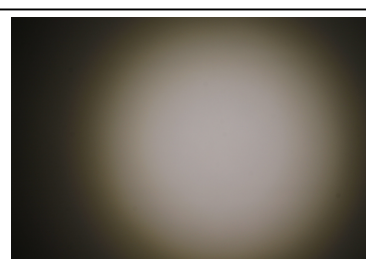
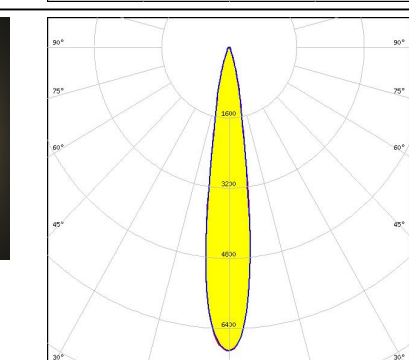

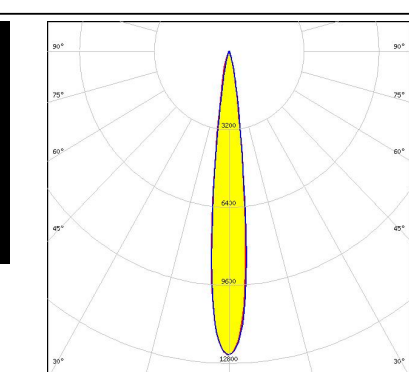


SEOUL SEMICONDUCTOR

LED Z5M4
FWHM 17.0°
Efficiency 96 %
Peak intensity 7.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



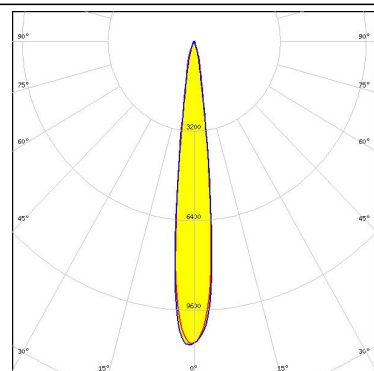
PHOTOMETRIC DATA (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22</p> <p>FWHM 14.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 6.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM 16.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 6.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>TRIDONIC</p> <p>LED RLE 2x4 2000lm HP EXC2 OTD</p> <p>FWHM 13.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 12.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>TRIDONIC</p> <p>LED RLE 2x8 4000lm HP EXC2 OTD</p> <p>FWHM 13.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 12.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

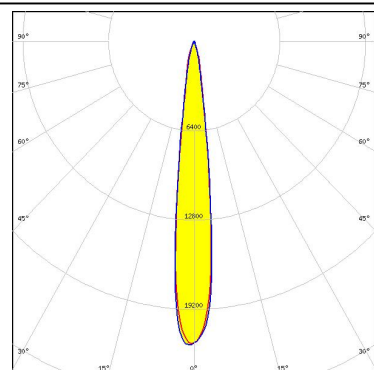
TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD
 FWHM 13.0°
 Efficiency 94 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



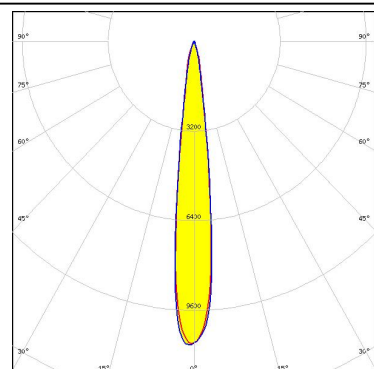
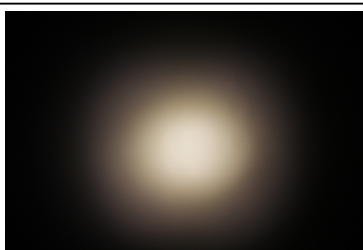
TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD
 FWHM 13.0°
 Efficiency 94 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



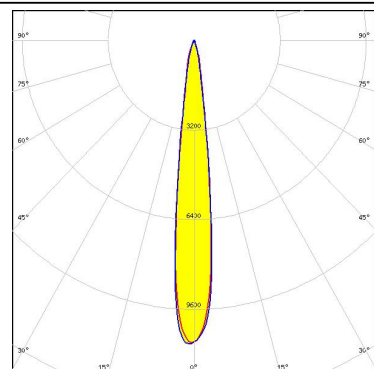
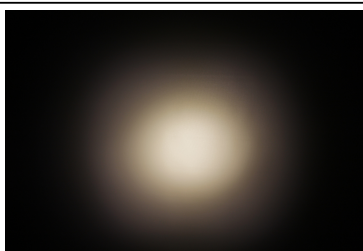
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD
 FWHM 13.0°
 Efficiency 94 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

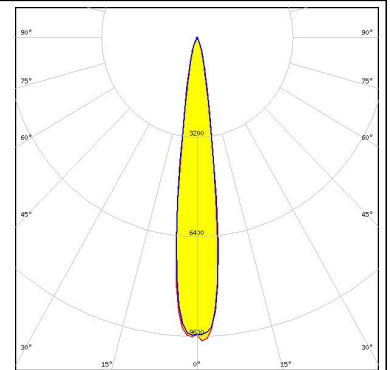
LED RLE G1 49x245mm 4000lm xxx EXC OTD
 FWHM 13.0°
 Efficiency 94 %
 Peak intensity 10.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



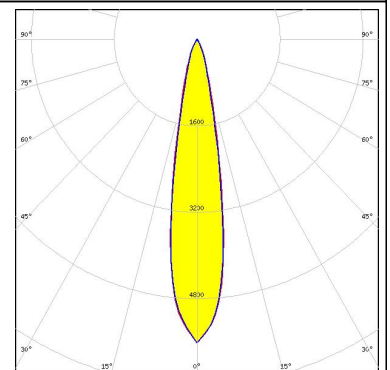
PHOTOMETRIC DATA (SIMULATED):



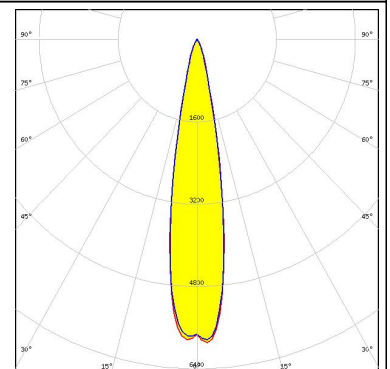
LED XHP35 HI
FWHM 14.0°
Efficiency 93 %
Peak intensity 9.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



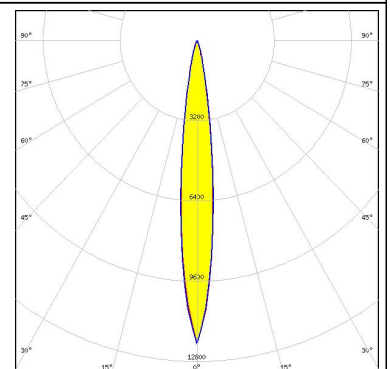
LED XM-L
FWHM 19.0°
Efficiency 92 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L2
FWHM 18.0°
Efficiency 94 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM 13.0°
Efficiency 93 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

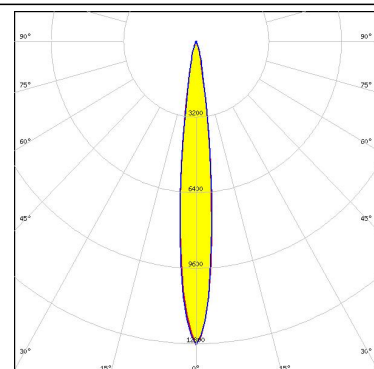


PHOTOMETRIC DATA (SIMULATED):

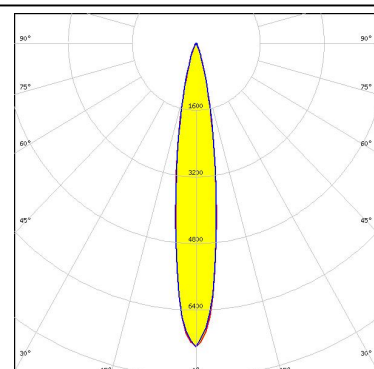


LED XP-G2
FWHM 12.0°
Efficiency 92 %
Peak intensity 12.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

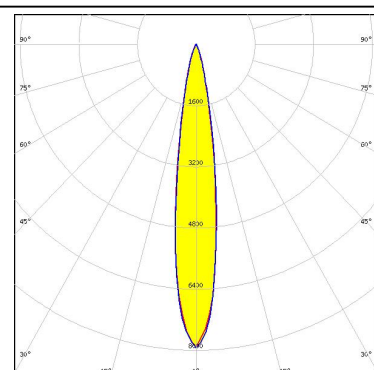
Transparent protective cover



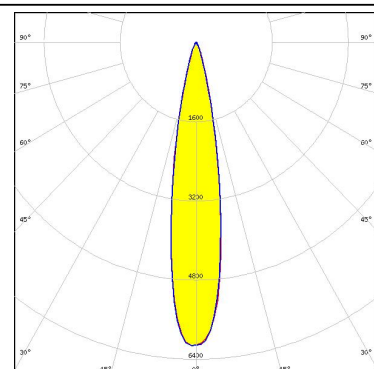
LED XP-G2 HE
FWHM 16.0°
Efficiency 94 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM 16.0°
Efficiency 94 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HD
FWHM 19.0°
Efficiency 94 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

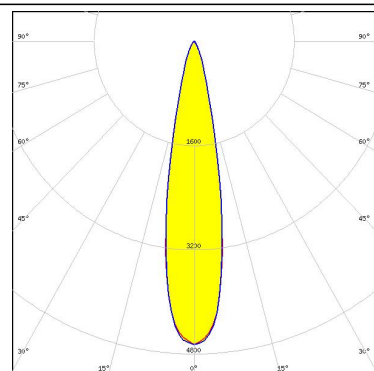


PHOTOMETRIC DATA (SIMULATED):



LED XP-L2
FWHM 20.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

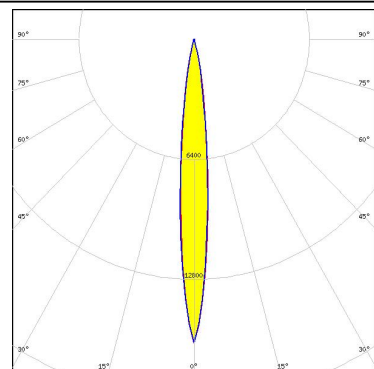
Transparent protective cover



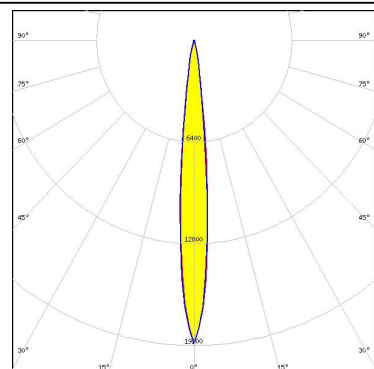
LED XQ-E HI
FWHM 8.0°
Efficiency 94 %
Peak intensity 28.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM 11.0°
Efficiency 94 %
Peak intensity 16.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



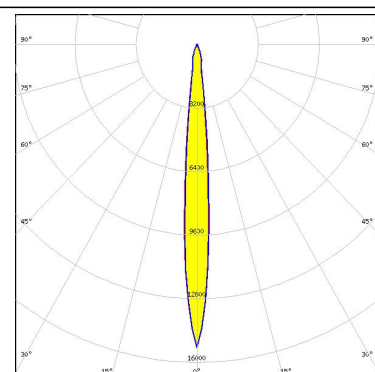
LED LUXEON IR Domed 150
FWHM 11.0°
Efficiency 94 %
Peak intensity 19.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



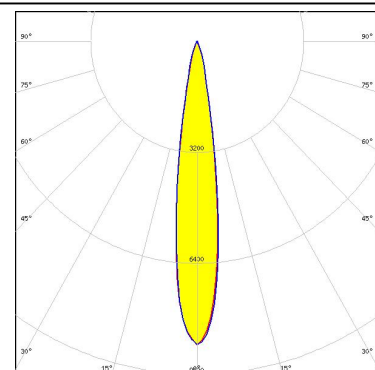
PHOTOMETRIC DATA (SIMULATED):



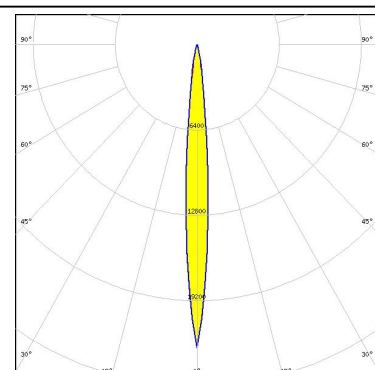
LED LUXEON IR Domed 60
 FWHM 10.0°
 Efficiency 93 %
 LEDs/each optic 1
 Light colour White
 Required components:



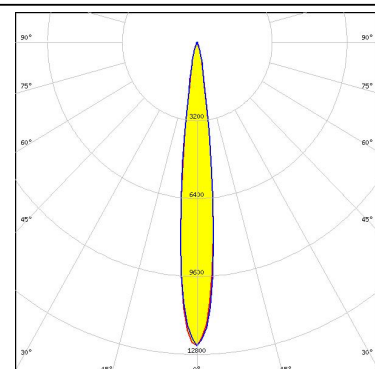
LED NVSxx19B/NVSxx19C
 FWHM 16.0°
 Efficiency 94 %
 Peak intensity 8.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3030
 FWHM 8.0°
 Efficiency 95 %
 Peak intensity 22.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3737 (2W version)
 FWHM 12.0°
 Efficiency 90 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



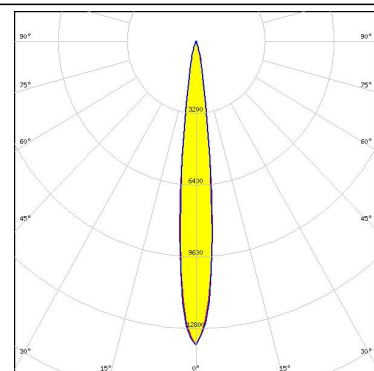
Transparent protective cover

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

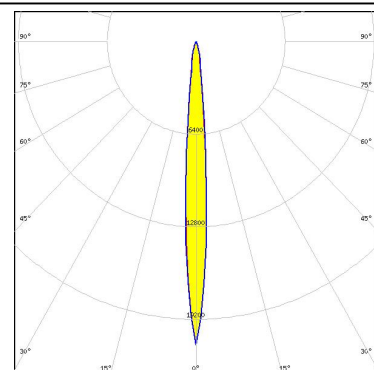
LED OSCONIQ P 3737 (2W version)
FWHM 12.0°
Efficiency 95 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

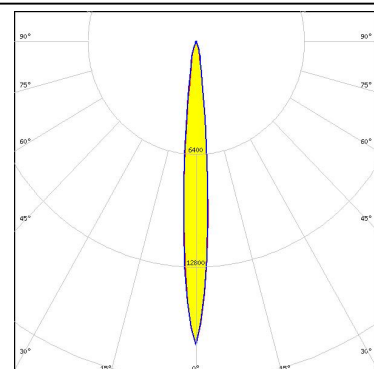
LED OSLON SSL 80
FWHM 8.2°
Efficiency 94 %
Peak intensity 21 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED SFH 4715AS
FWHM 9.2°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:



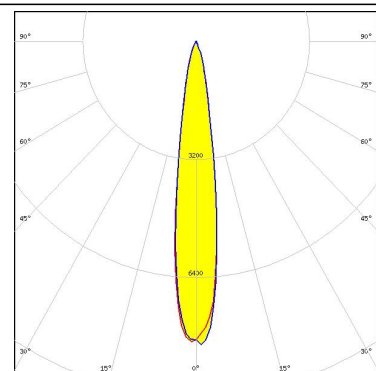
SAMSUNG

LED LH231B
FWHM 16.0°
Efficiency 94 %
Peak intensity 8 cd/lm
LEDs/each optic 4
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

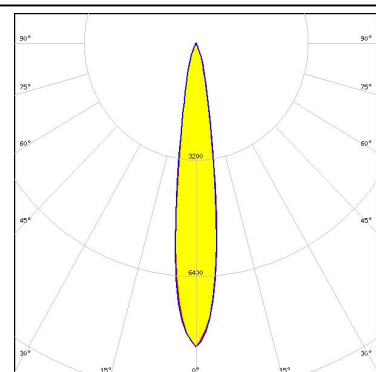
SAMSUNG

LED LH231B
FWHM 16.0°
Efficiency 95 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



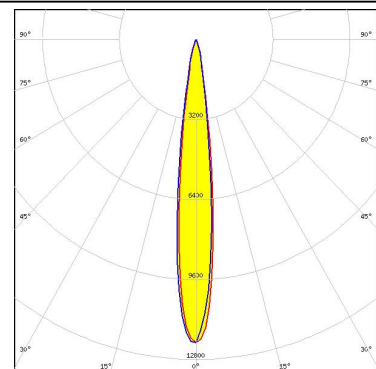
SAMSUNG

LED LH231B
FWHM 16.0°
Efficiency 95 %
Peak intensity 8.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



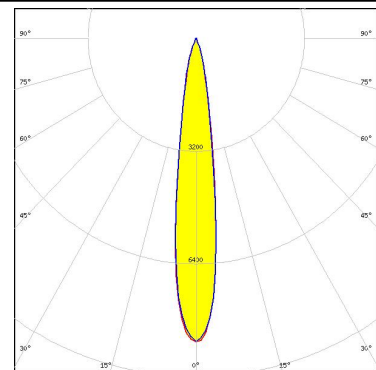
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
FWHM 13.0°
Efficiency 92 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22T
FWHM 15.0°
Efficiency 94 %
Peak intensity 8.6 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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Электрон
Связь**

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Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

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С нами вы становитесь еще успешнее!

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