

## STRADA-IP-2X6-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height

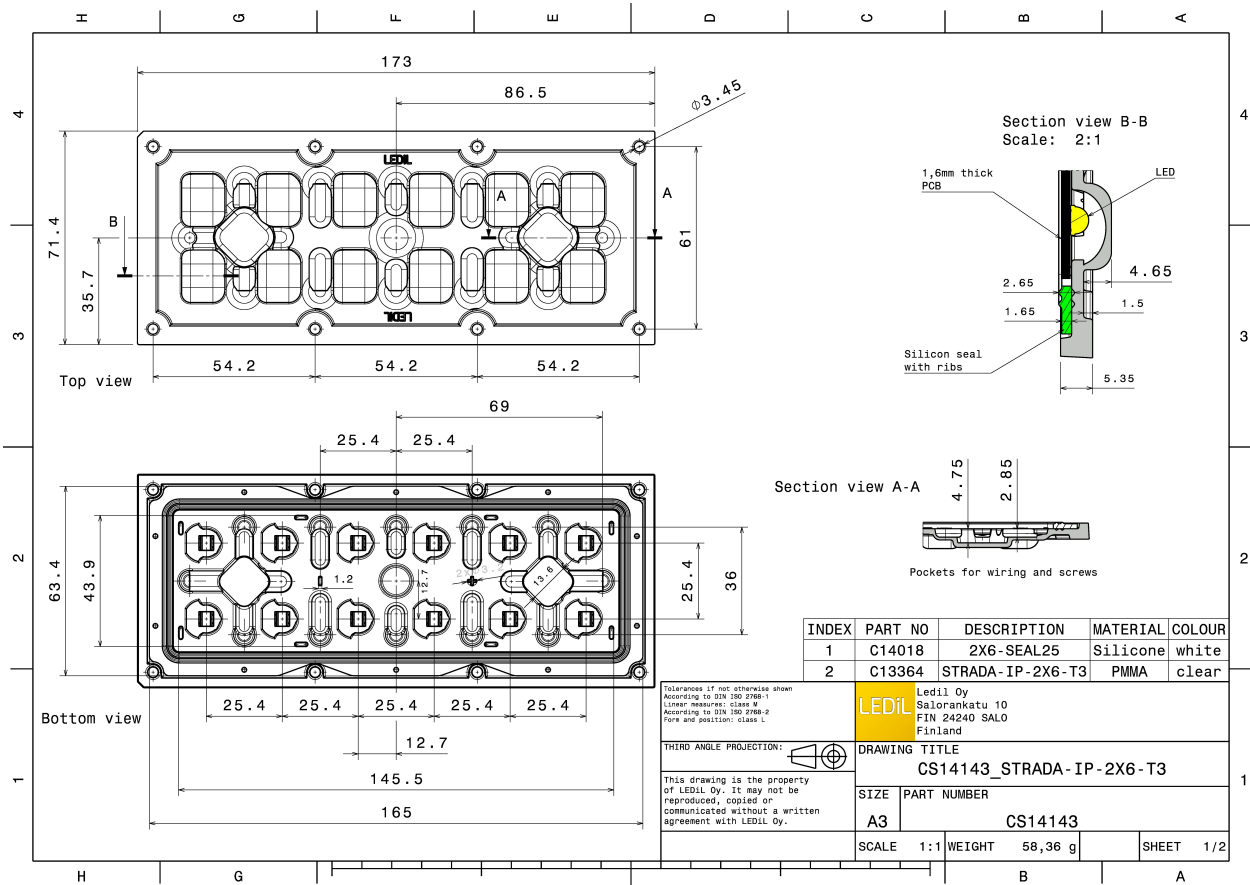
### TECHNICAL SPECIFICATIONS:

Dimensions	71.4 x 173.0 mm
Height	8.5 mm
Fastening	screw
Colour	clear
Box size	476 x 273 x 247 mm
Box weight	7.4 kg
Quantity in Box	120 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

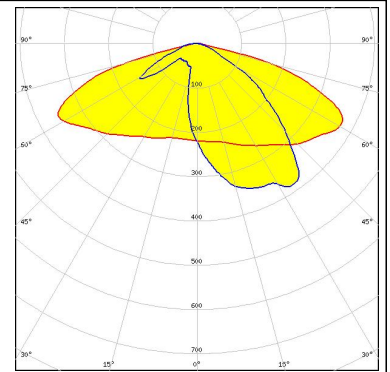
Component	Type	Material	Colour
STRADA-IP-2X6-T3	Multi-lens	PMMA	clear
2X6-SEAL25	Seal	Silicone	white



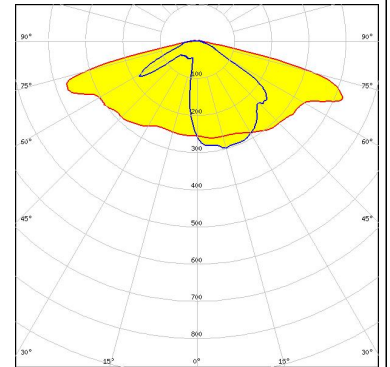
#### PHOTOMETRIC DATA (MEASURED):



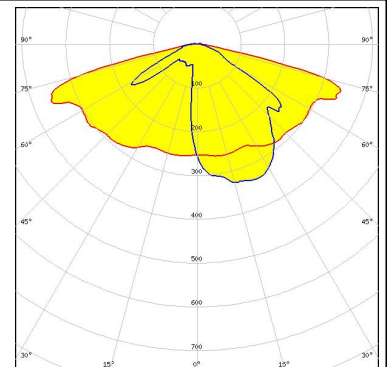
LED Bridgelux SMD 5050  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



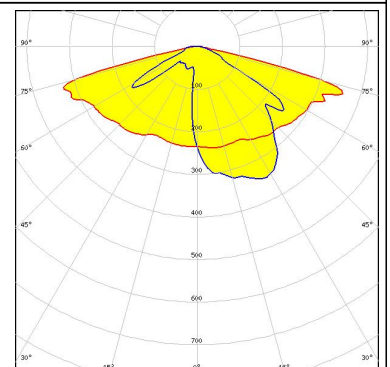
LED QUICK FLUX 2x6 LED XG xxx G7+  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.570 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED QUICK FLUX 2x6 LED XT xxx G5  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



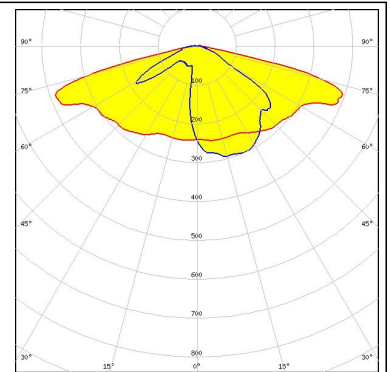
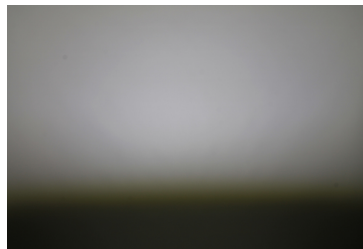
LED XP-G2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



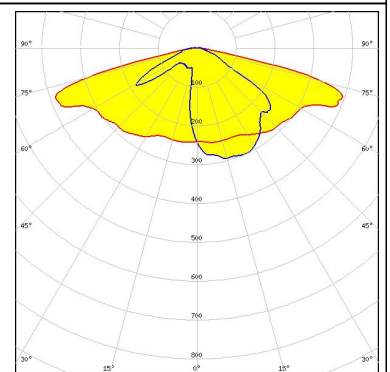
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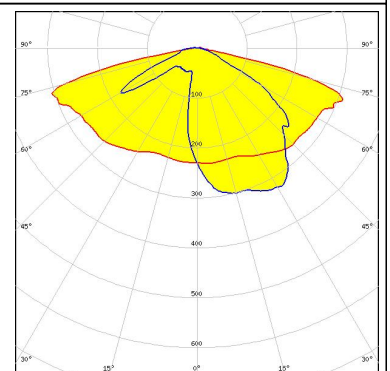
LED XP-G3  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



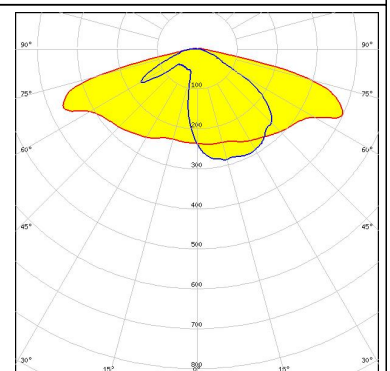
LED XP-G3  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-L HD  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.580 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



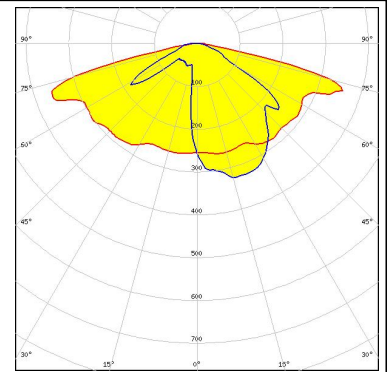
LED XP-L2  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.530 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



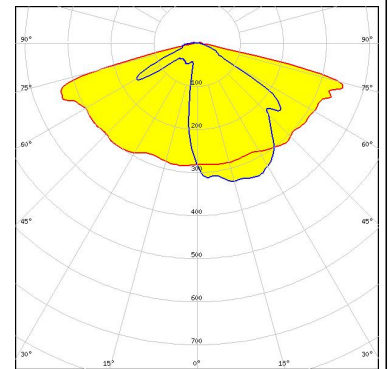
#### PHOTOMETRIC DATA (MEASURED):



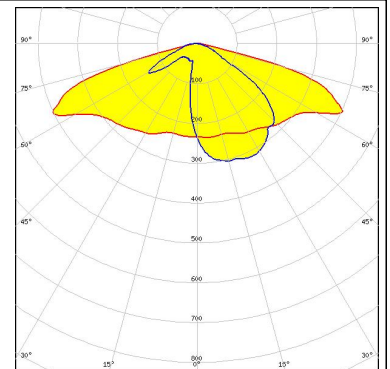
LED XT-E  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



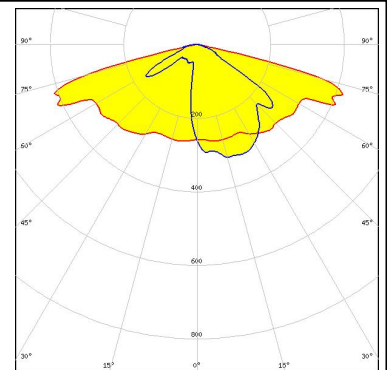
LED H35C1 (LEMWA33)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.570 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



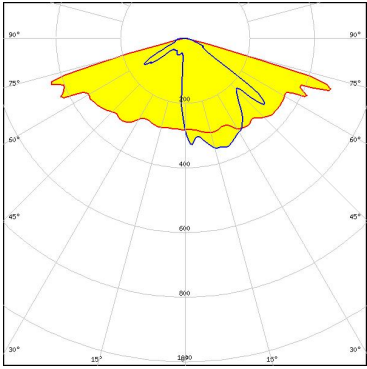
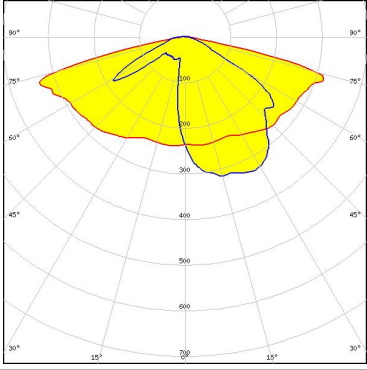
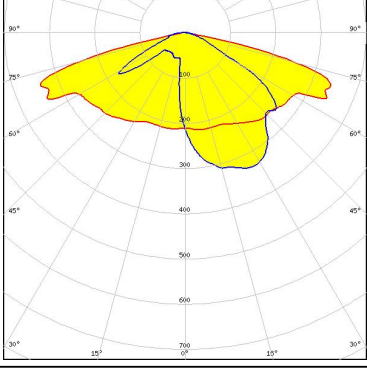
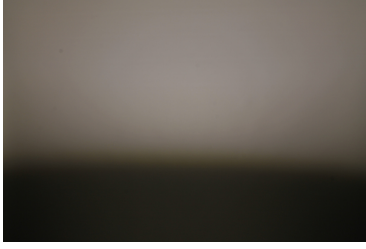
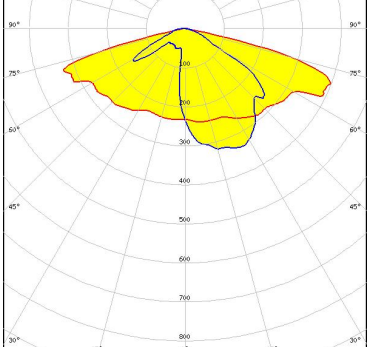
LED LUXEON V  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON XR-TX (L2T0-xyyy012M)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.650 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

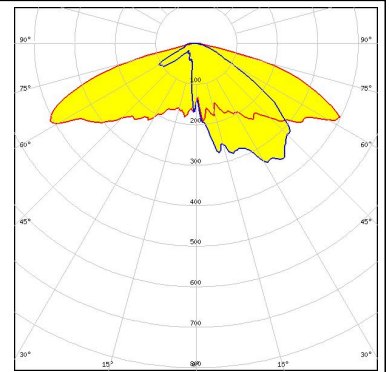
<p><b>LUMILEDS</b></p> <p>LED LUXEON Z ES            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.780 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW319B            FWHM Asymmetric            Efficiency %            Peak intensity 0.500 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSW3x9A            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM Asymmetric            Efficiency 94 %            Peak intensity 0.640 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

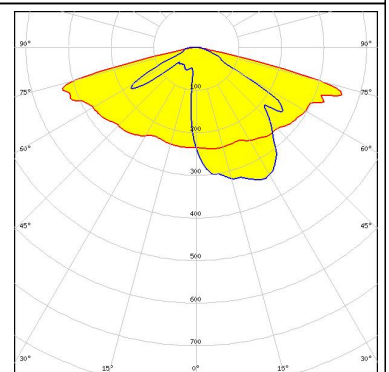
Opto Semiconductors

LED Duris S8  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.510 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



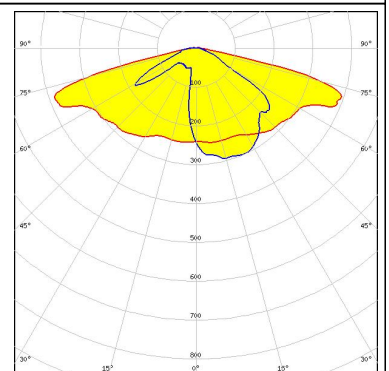
#### PHILIPS

LED Fortimo FastFlex LED 2x6 DP G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



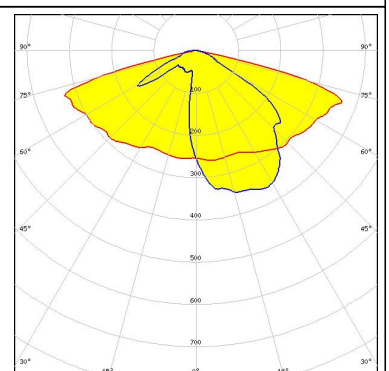
#### PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

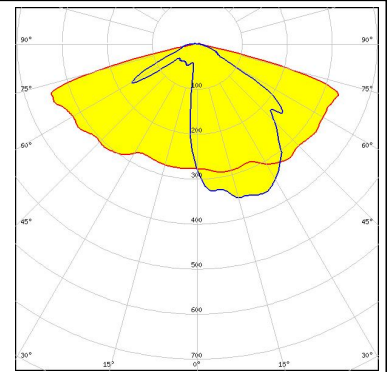
LED HiLOM RH12 (LH351C)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.560 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



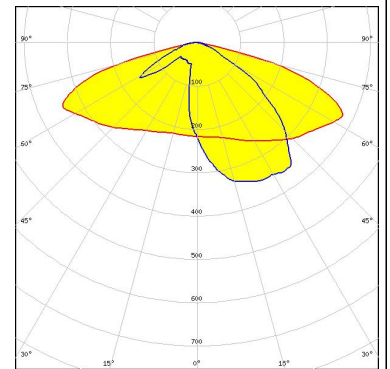
#### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

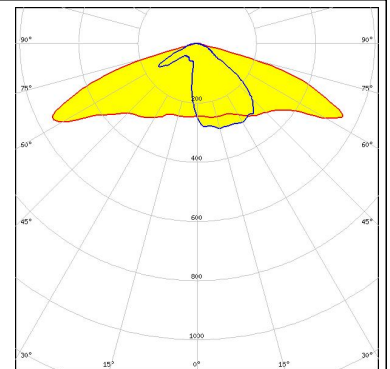
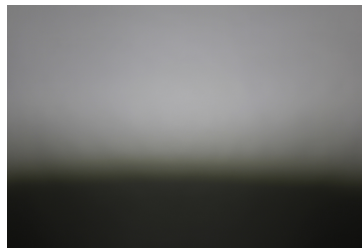
LED LH351Z  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.580 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



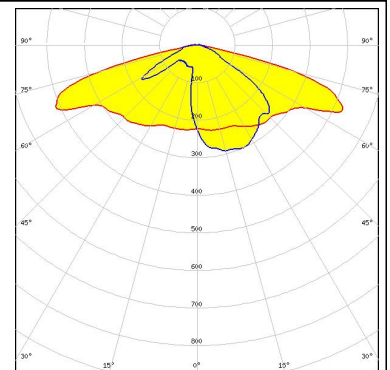
SEOUL SEMICONDUCTOR  
 LED 2x6 5050 module - SMJD-3625012F-XX  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SMJQ-D36W12Mx  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


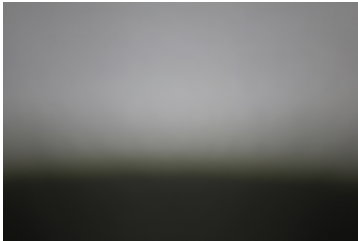
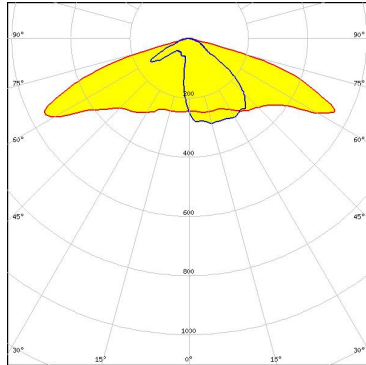

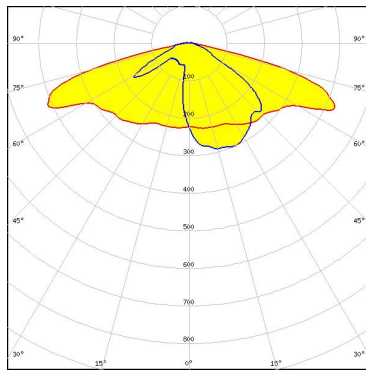
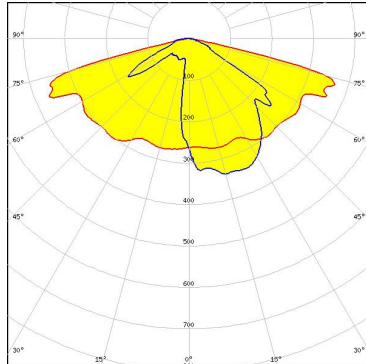


SEOUL SEMICONDUCTOR  
 LED SMJQ-D36W12Px  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.630 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





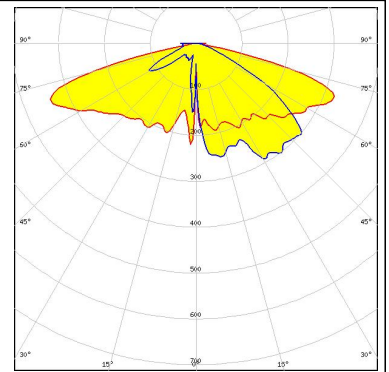
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>SEOUL SEMICONDUCTOR</b></p> <p>LED: Z8Y22            FWHM: Asymmetric            Efficiency: 94 %            Peak intensity: 0.700 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p> <b>SEOUL SEMICONDUCTOR</b></p> <p>LED: Z8Y22P            FWHM: Asymmetric            Efficiency: 94 %            Peak intensity: 0.630 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: RLE 2x6 3000lm HP EXC2 OTD            FWHM: Asymmetric            Efficiency: 94 %            Peak intensity: 0.600 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		

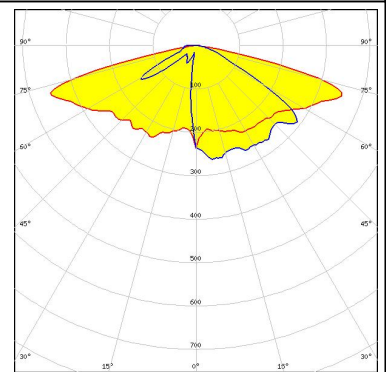
#### PHOTOMETRIC DATA (SIMULATED):



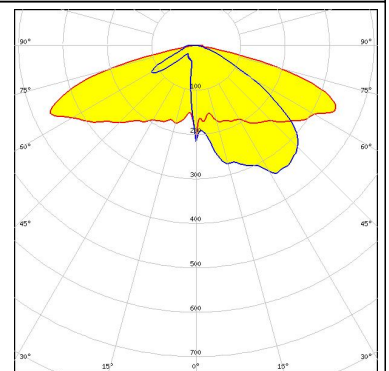
LED XHP35 HD  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



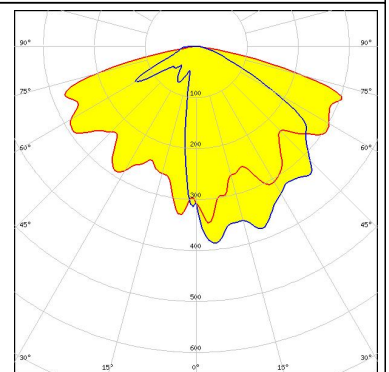
LED XHP35 HI  
FWHM Asymmetric  
Efficiency 90 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON 5050  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.510 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSW219D  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

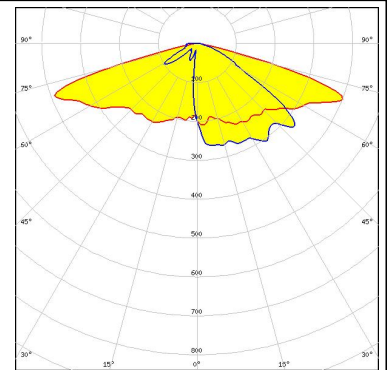


#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

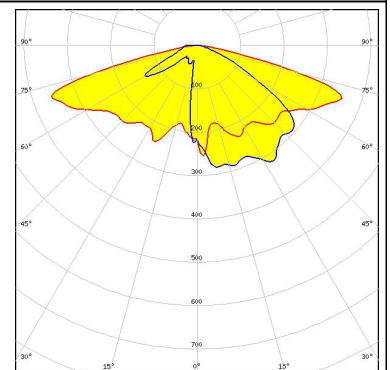
LED OSCONIQ P 3737 (2W version)  
 FWHM Asymmetric  
 Efficiency 90 %  
 Peak intensity 0.630 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

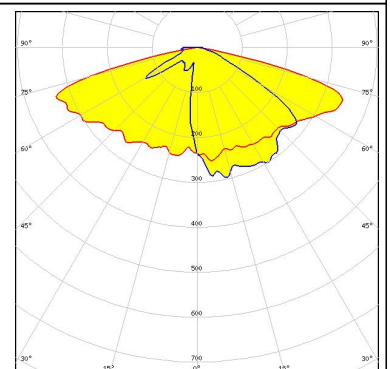
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



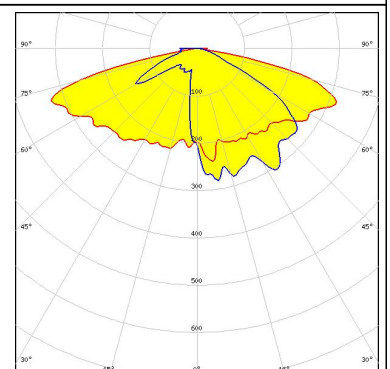
#### SAMSUNG

LED LH351B  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.520 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

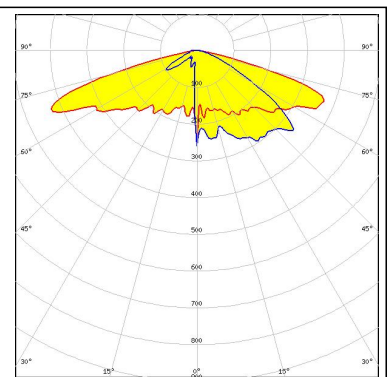
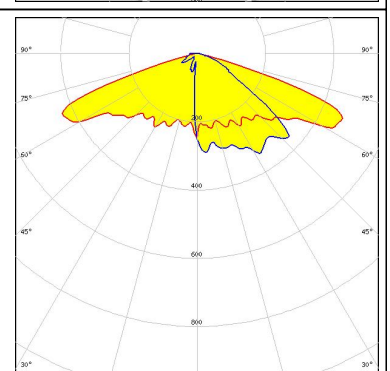
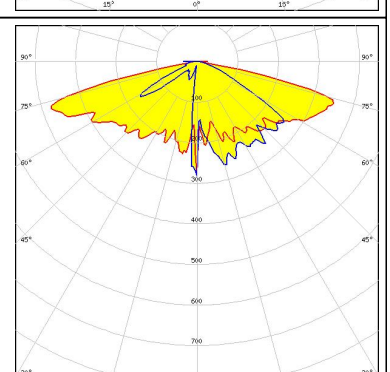
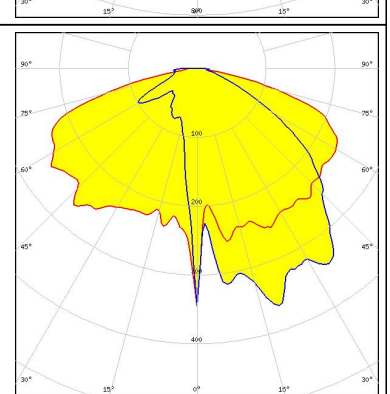


#### SAMSUNG

LED LH351D  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED                      Acrich MJT 4040  FWHM                    Asymmetric  Efficiency                90 %  Peak intensity          0.650 cd/lm  LEDs/each optic      1  Light colour            White  Required components:</p>	
<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED                      Z5M1/Z5M2  FWHM                    Asymmetric  Efficiency                91 %  Peak intensity          0.760 cd/lm  LEDs/each optic      1  Light colour            White  Required components:</p>	
<p><b>TOSHIBA</b> Leading Innovation &gt;&gt;&gt;</p> <p>LED                      TL1L2  FWHM                    Asymmetric  Efficiency                88 %  Peak intensity          cd/lm  LEDs/each optic      1  Light colour            White  Required components:</p>	
<p><b>TOSHIBA</b> Leading Innovation &gt;&gt;&gt;</p> <p>LED                      TL1L3  FWHM                    Asymmetric  Efficiency                86 %  Peak intensity          cd/lm  LEDs/each optic      1  Light colour            White  Required components:</p>	

#### 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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#### Local sales and technical support

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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