

STRADELLA-16-T2

IESNA Type II (medium) beam, applicable for European P-class standard pedestrian lighting and M-class roads

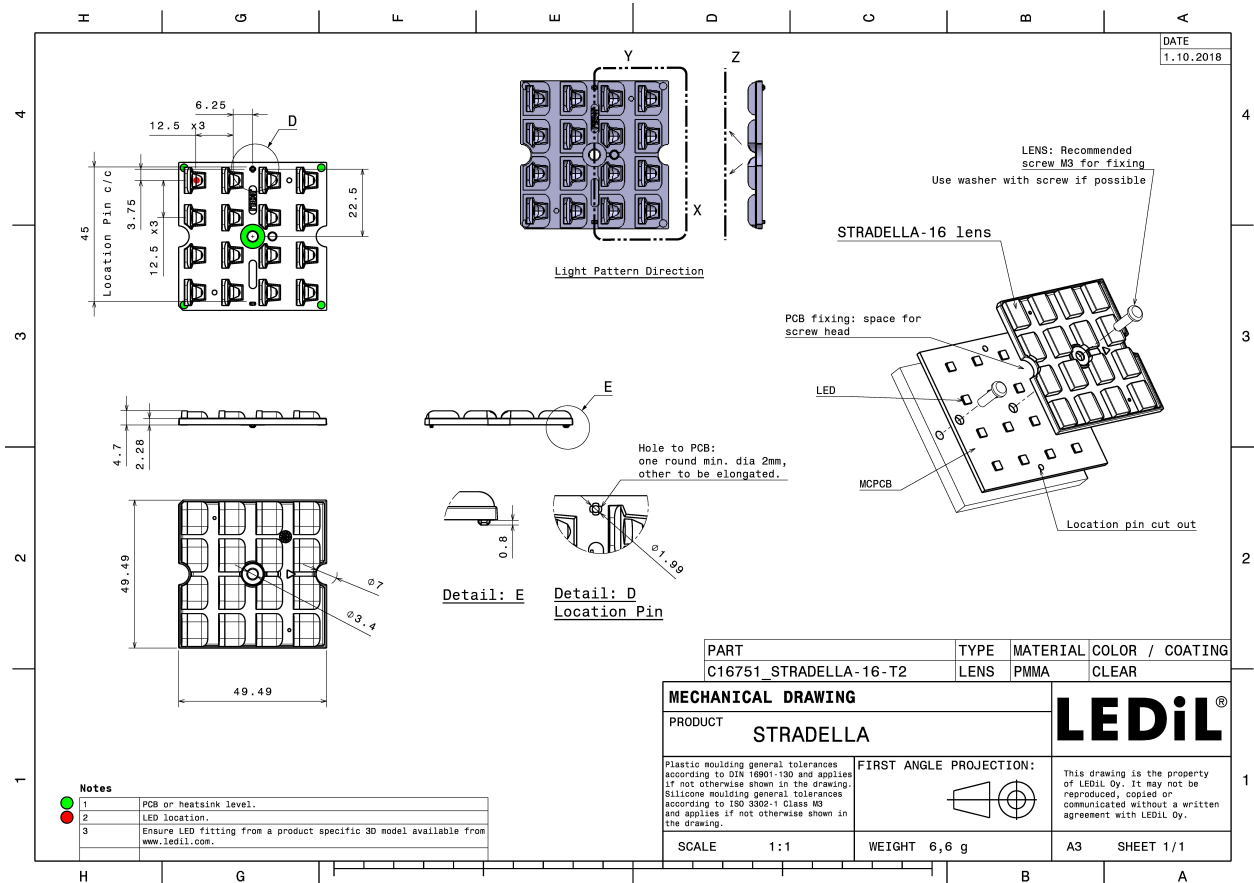
TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	4.7 mm
Fastening	
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.5 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

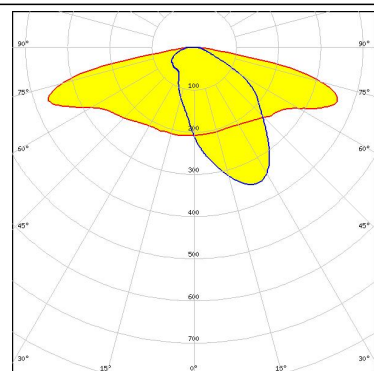
Component	Type	Material	Colour
STRADELLA-16-T2	Multi-lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

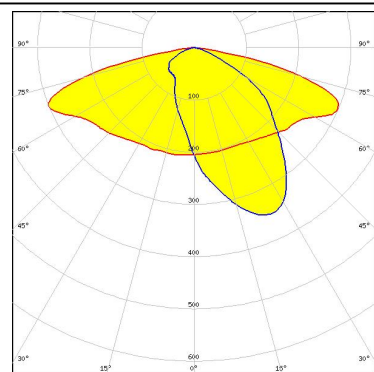
SCIOLUX

LED XLE-S48XPG3 (XP-G3)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.480 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



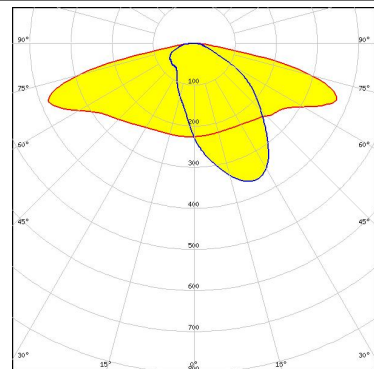
SCIOLUX

LED XLE-S48XPG3 (XP-G3)
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



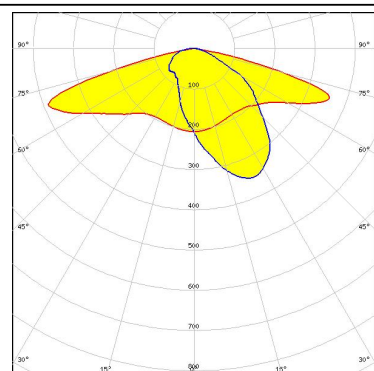
SEOUL SEMICONDUCTOR

LED Z5M3
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



TRIDONIC

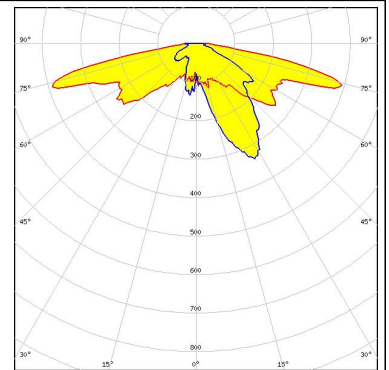
LED RLE 4x16 4000lm MP ADV2 OTD
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.638 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

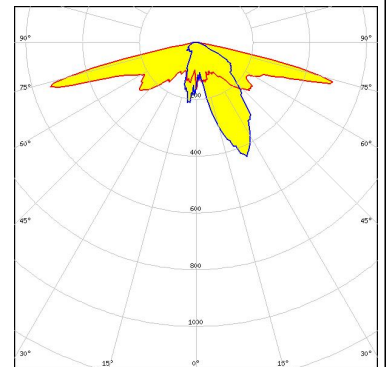
LUMILEDS

LED LUXEON C
FWHM Asymmetric
Efficiency 89 %
Peak intensity 0.710 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



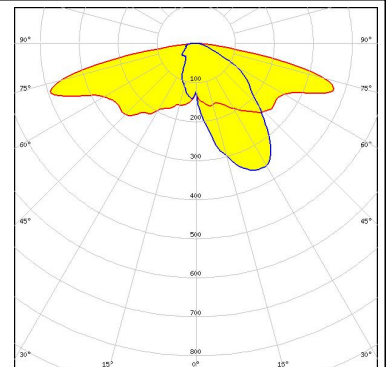
LUMILEDS

LED LUXEON CZ
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.870 cd/lm
LEDs/each optic 1
Light colour RGBW
Required components:



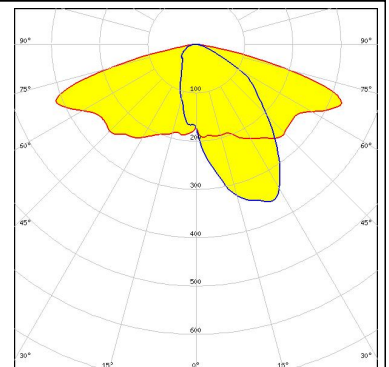
LUMILEDS

LED LUXEON TX
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.510 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NF2x757G
FWHM Asymmetric
Efficiency 83 %
Peak intensity 0.433 cd/lm
LEDs/each optic 1
Light colour White
Required components:

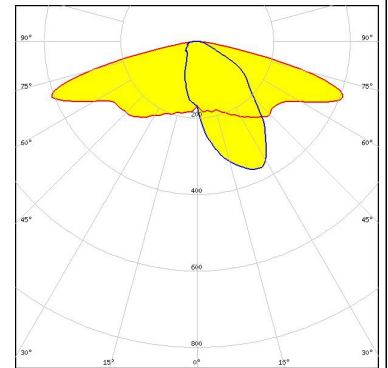


Transparent protective cover

PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.541 cd/lm
LEDs/each optic 1
Light colour White
Required components:

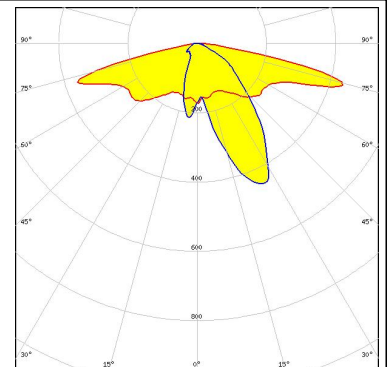


LED NVSxE21A
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.617 cd/lm
LEDs/each optic 1
Light colour White
Required components:



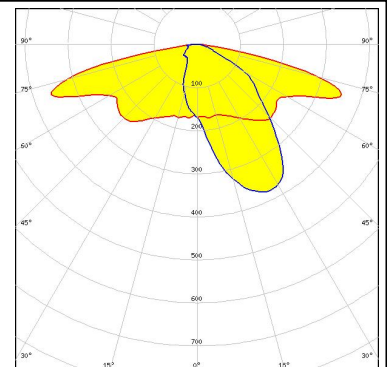
Opto Semiconductors

LED OSCONIQ P 3030
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.615 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.560 cd/lm
LEDs/each optic 1
Light colour White
Required components:

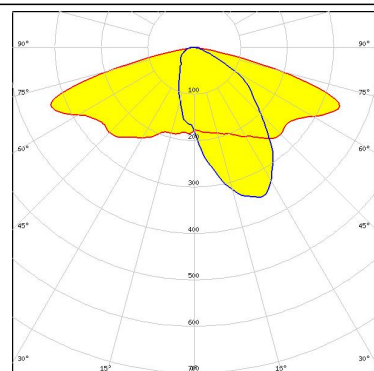


PHOTOMETRIC DATA (SIMULATED):

PHILIPS

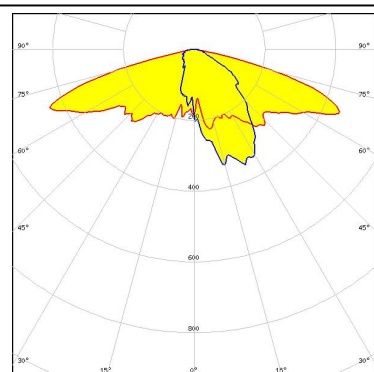
LED Fortimo FastFlex LED 4x16 DHE G4
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.450 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Transparent protective cover



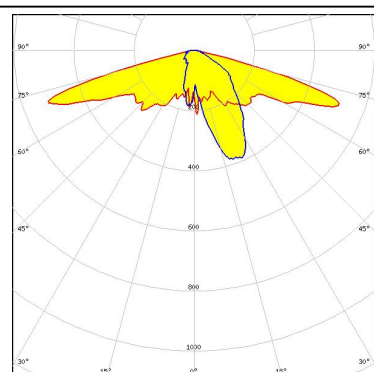
SAMSUNG

LED LH181B
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.610 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



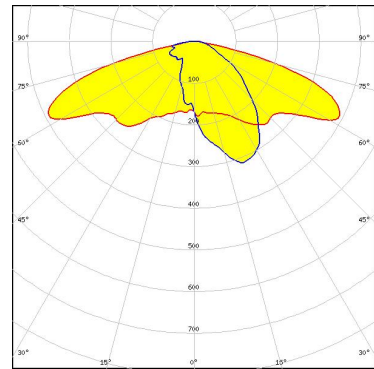
SAMSUNG

LED LM101B
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.830 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

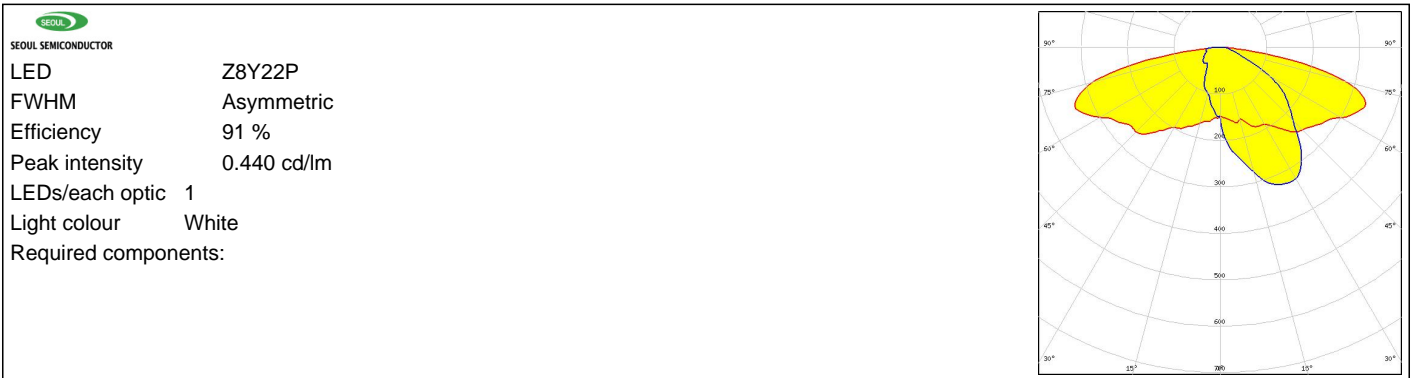


SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.520 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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](http://www.ledil.com/where_to_buy)

Shipping locations

Salu, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)