

## STRADELLA-8-T3

IESNA Type III (medium) beam for typical road lighting setups

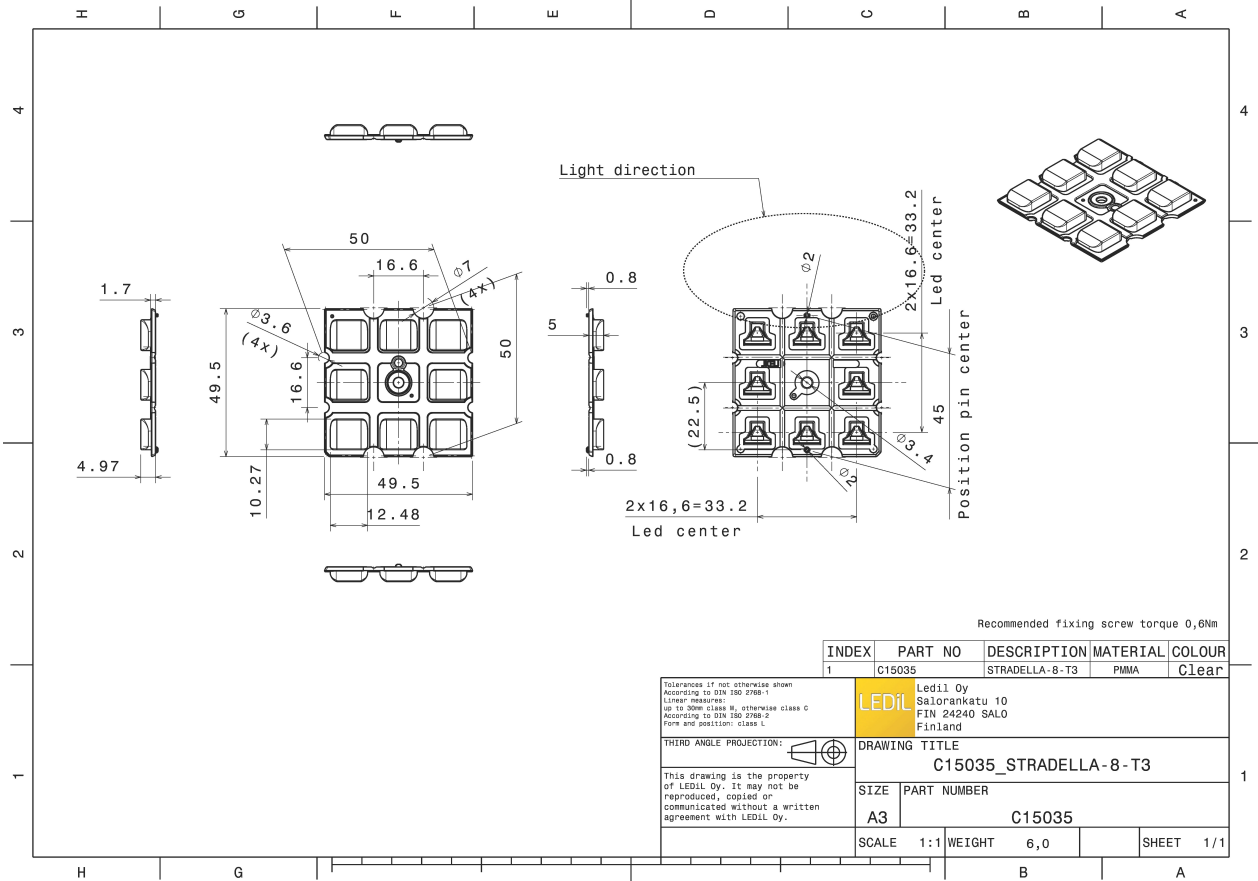
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5 mm
Fastening	pin, screw
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	5.7 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

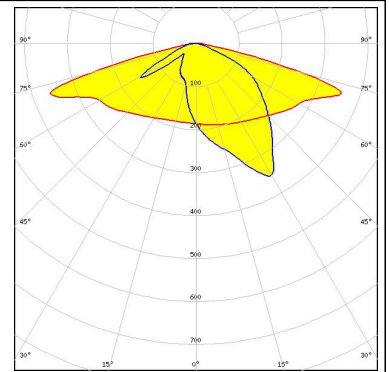
Component	Type	Material	Colour
STRADELLA-8-T3	Lens array	PMMA	clear



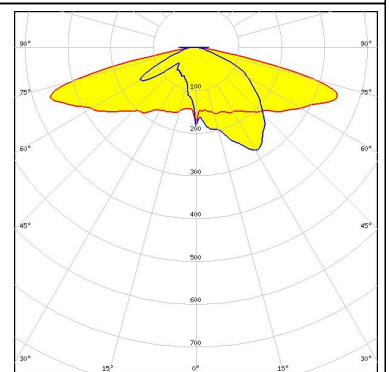
#### PHOTOMETRIC DATA (MEASURED):



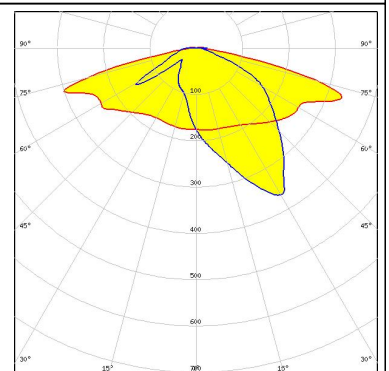
LED QUICK FLUX XT 2x8 xxx STRDLL G5  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.590 cd/lm  
Required components:



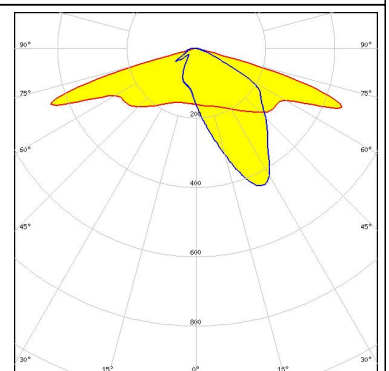
LED XP-G3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.630 cd/lm  
Required components:



LED XT-E  
FWHM Asymmetric  
Efficiency 96 %  
Peak intensity 0.620 cd/lm  
Required components:



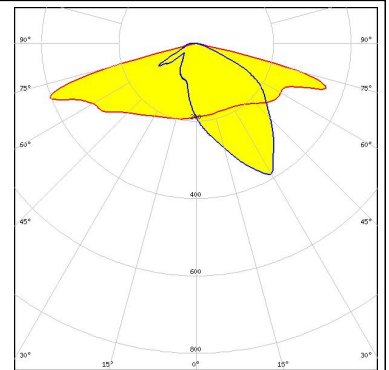
LED LUXEON 3030 2D (Round LES)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.800 cd/lm  
Required components:



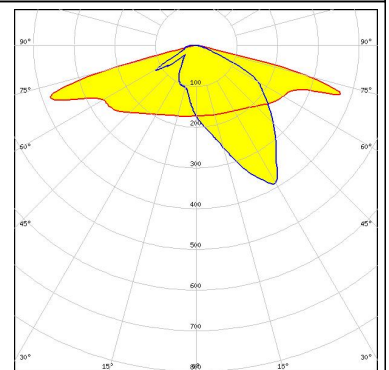
#### PHOTOMETRIC DATA (MEASURED):



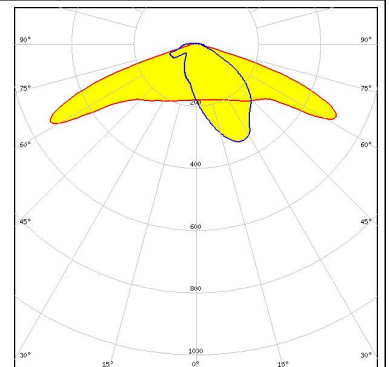
LED LUXEON TX  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.680 cd/lm  
Required components:



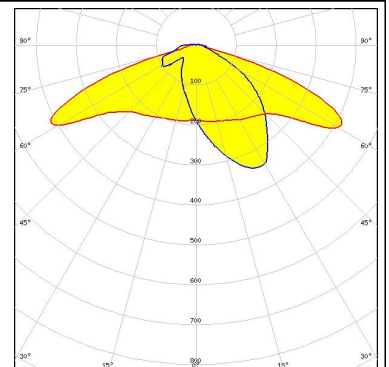
LED Oslon Square Gen3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.730 cd/lm  
Required components:



LED Z8Y19  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.800 cd/lm  
Required components:



LED Z8Y22  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.000 cd/lm  
Required components:



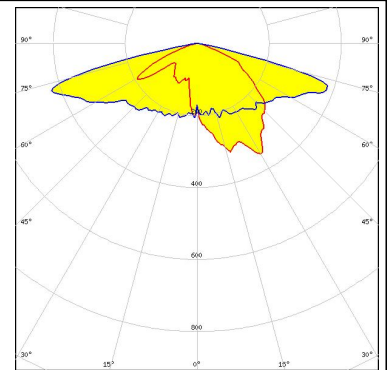
#### PHOTOMETRIC DATA (MEASURED):



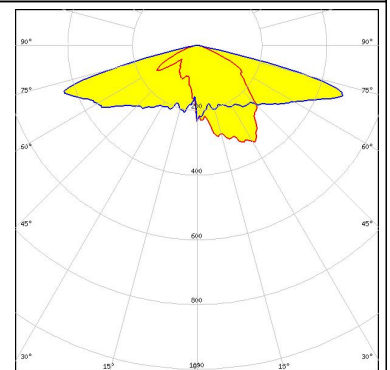
#### PHOTOMETRIC DATA (SIMULATED):



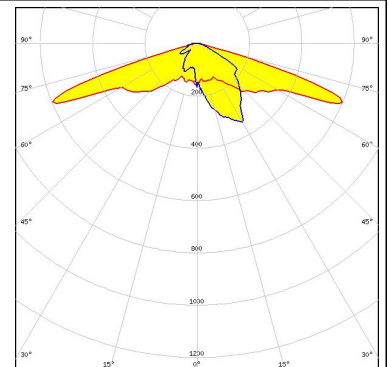
LED XP-G2  
 FWHM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.600 cd/lm  
 Required components:



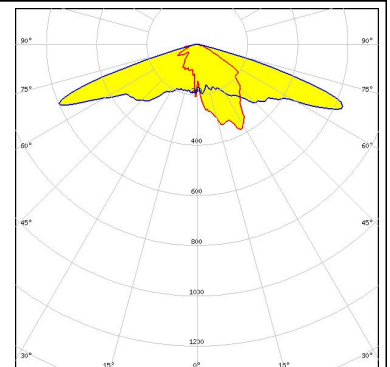
LED LUXEON 3535 2D  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.650 cd/lm  
 Required components:



LED NCSxE17A  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.900 cd/lm  
 Required components:



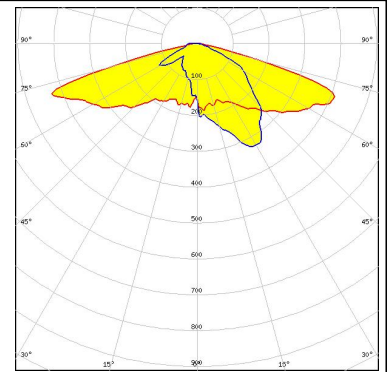
LED NF2x757D  
 FWHM Asymmetric  
 Efficiency 95 %  
 Peak intensity 0.800 cd/lm  
 Required components:



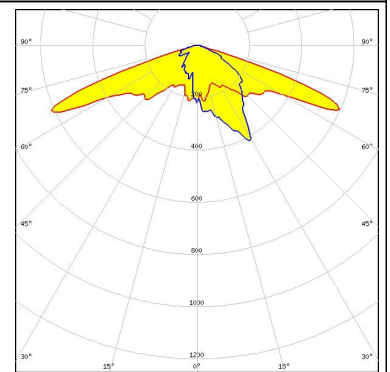
#### PHOTOMETRIC DATA (SIMULATED):



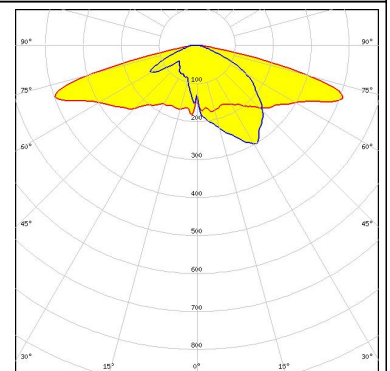
LED NF2x757G  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.650 cd/lm  
Required components:



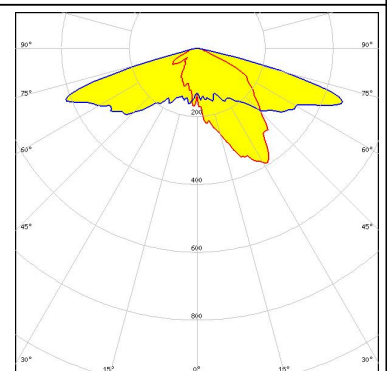
LED NVSxE21A  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.940 cd/lm  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.580 cd/lm  
Required components:



LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 95 %  
Peak intensity 0.740 cd/lm  
Required components:

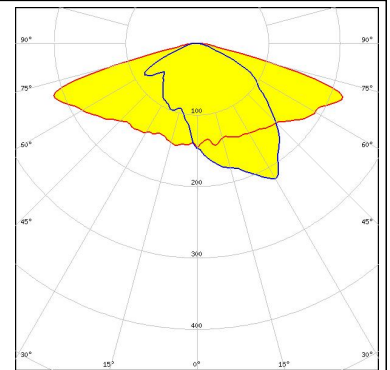




#### PHOTOMETRIC DATA (SIMULATED):

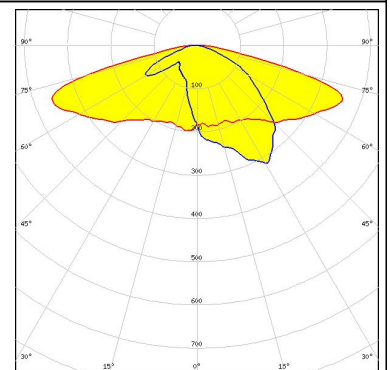
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (2W version)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.610 cd/lm  
 Required components:



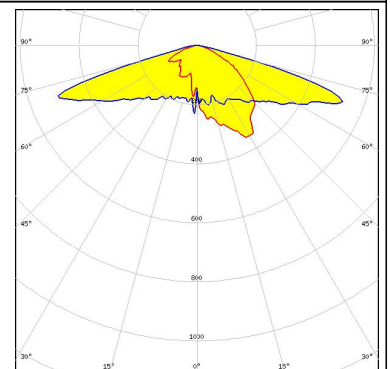
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 3737 (3W version)  
 FWHM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.500 cd/lm  
 Required components:



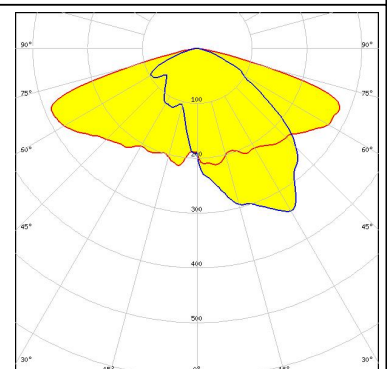
**OSRAM**  
Opto Semiconductors

LED Oslon Square EC  
 FWHM Asymmetric  
 Efficiency 93 %  
 Peak intensity 0.700 cd/lm  
 Required components:



**OSRAM**  
Opto Semiconductors

LED Oslon Square PC  
 FWHM Asymmetric  
 Efficiency 85 %  
 Peak intensity 0.410 cd/lm  
 Required components:  
 Undefined Manufacturer: Protective Plate, Glass

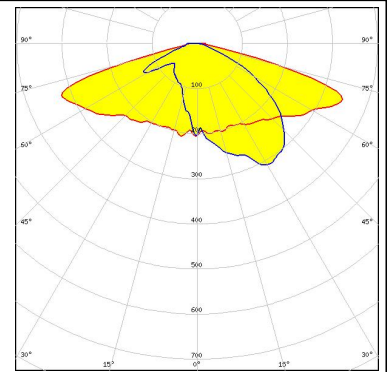




#### PHOTOMETRIC DATA (SIMULATED):

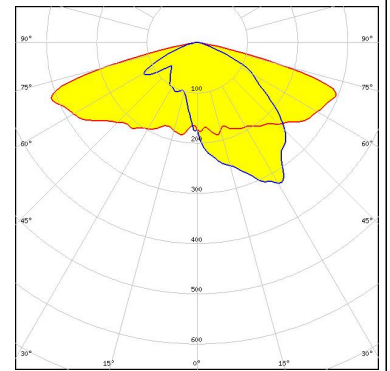
### SAMSUNG

LED LH351C  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.510 cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM Asymmetric  
Efficiency 85 %  
Peak intensity 0.440 cd/lm  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



### 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

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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