

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	
ROHS compliant	yes ⓘ

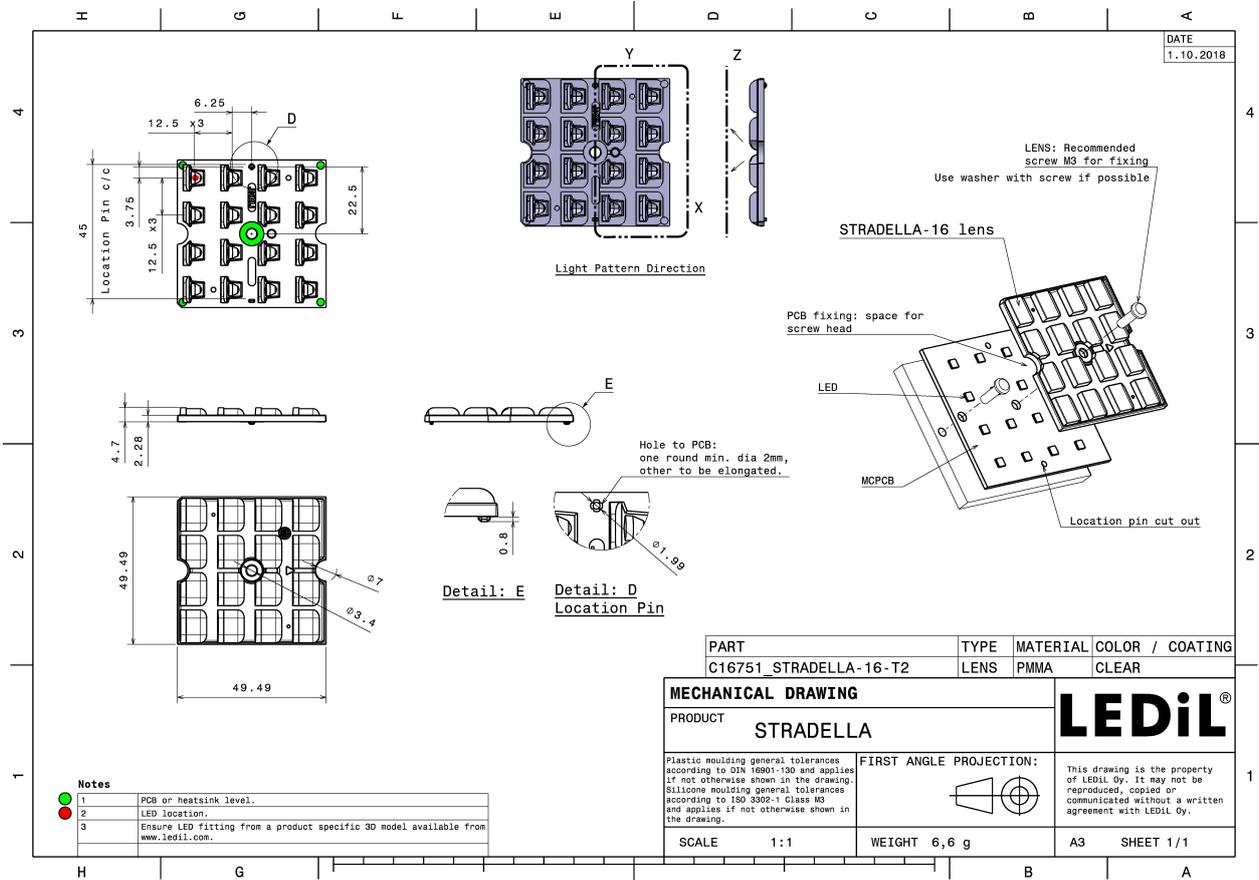
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

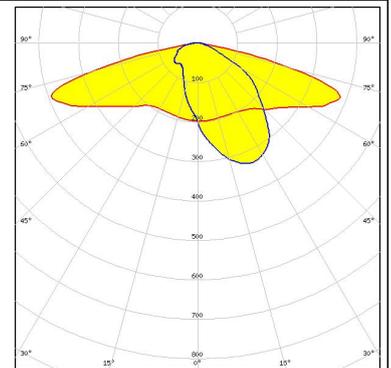
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16751_STRADELLA-16-T2 » Box size: 480 x 280 x 300 mm	800	160	160	6.5



PHOTOMETRIC DATA (MEASURED):

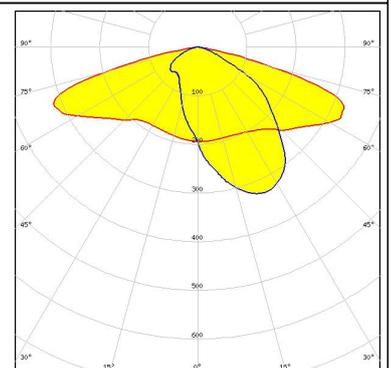
SAMSUNG

LED LM301B
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

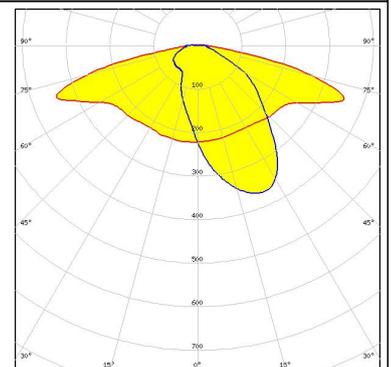
LED LM301B
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Transparent protective cover

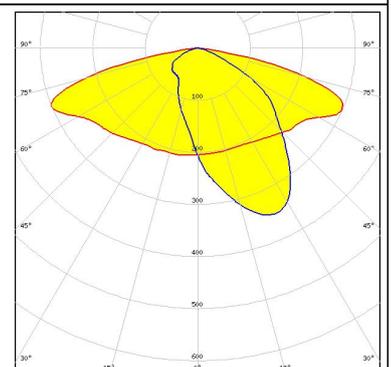
SCIOLUX

LED XLE-S44XTEHE (XT-E HE)
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



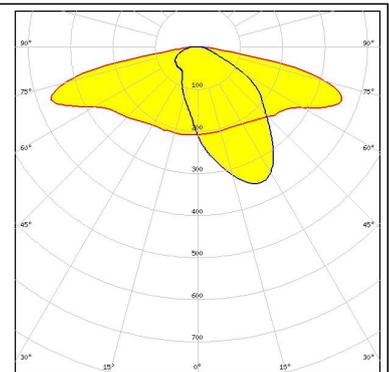
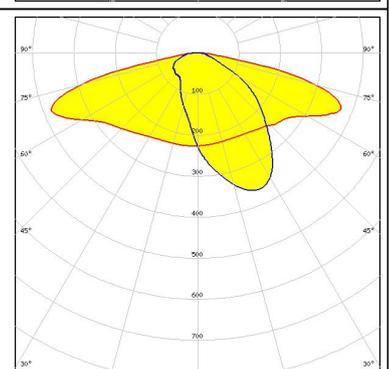
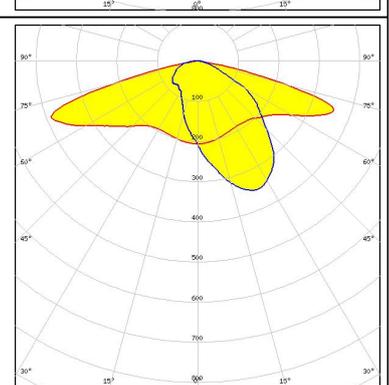
SCIOLUX

LED XLE-S48XPG3 (XP-G3)
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Transparent protective cover

PHOTOMETRIC DATA (MEASURED):

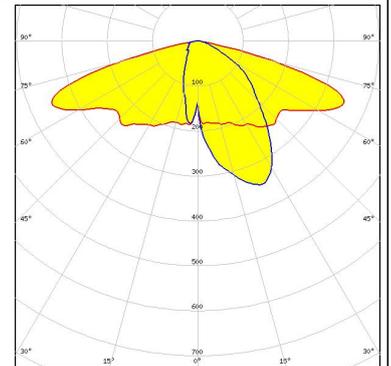
<p>SCIOLUX</p> <p>LED XLE-S48XPG3 (XP-G3) FWHM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 A photometric beam spread diagram for the Sciolux LED. It shows a yellow beam shape on a grid with angles from 30° to 90° and distances from 100 to 700. The beam is wider at the top and tapers towards the bottom.
<p>SEOL SEMICONDUCTOR</p> <p>LED Z5M3 FWHM Asymmetric Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 A photometric beam spread diagram for the Seol Semiconductor LED. It shows a yellow beam shape on a grid with angles from 30° to 90° and distances from 100 to 700. The beam is wider at the top and tapers towards the bottom.
<p>TRIDONIC</p> <p>LED RLE 4x16 4000lm MP ADV2 OTD FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 A photometric beam spread diagram for the Tridonic LED. It shows a yellow beam shape on a grid with angles from 30° to 90° and distances from 100 to 700. The beam is wider at the top and tapers towards the bottom.

PHOTOMETRIC DATA (SIMULATED):



LED J Series 3030
 FWHM Asymmetric
 Efficiency 81 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

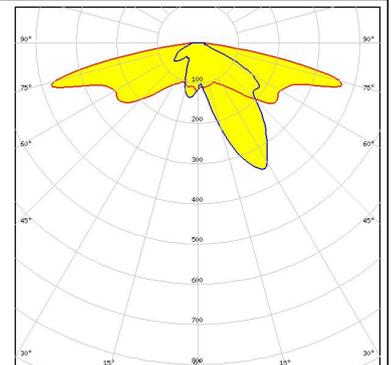
Transparent protective cover



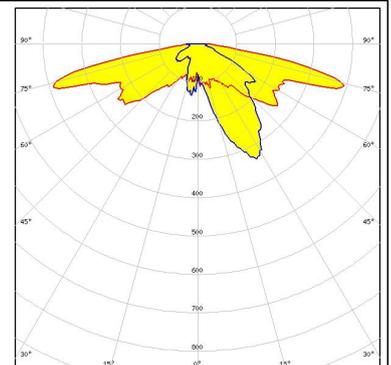
LED XP-G3
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON C
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



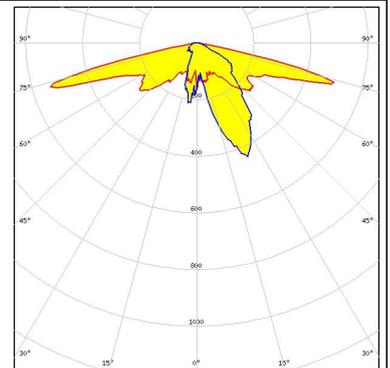
LED LUXEON C
 FWHM Asymmetric
 Efficiency 89 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



PHOTOMETRIC DATA (SIMULATED):

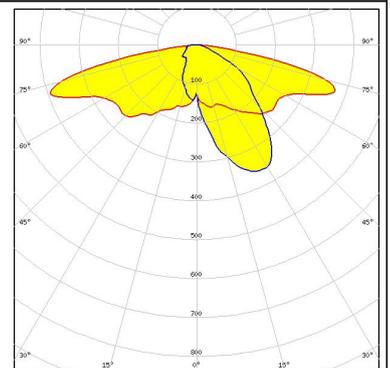
LUMILEDS

LED LUXEON CZ
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



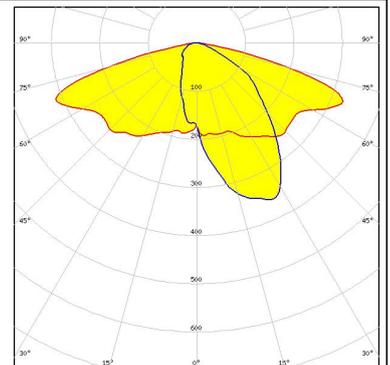
LUMILEDS

LED LUXEON TX
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

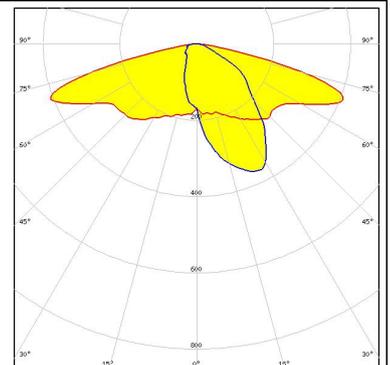
LED NF2x757G
 FWHM Asymmetric
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Transparent protective cover

NICHIA

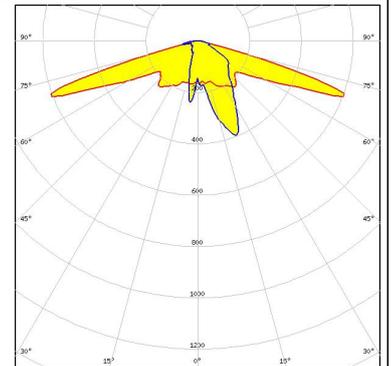
LED NF2x757G
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NFSWE11A
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

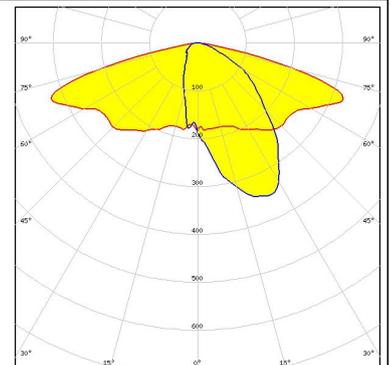


LED NVSxE21A
FWHM Asymmetric
Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors

LED Duris S5 (2 chip)
FWHM Asymmetric
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

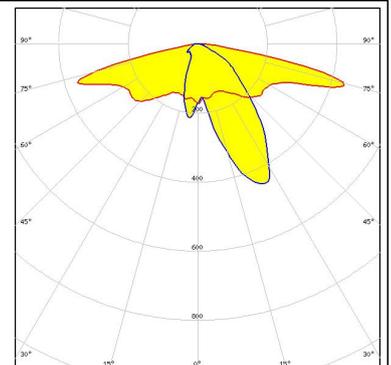


Transparent protective cover



Opto Semiconductors

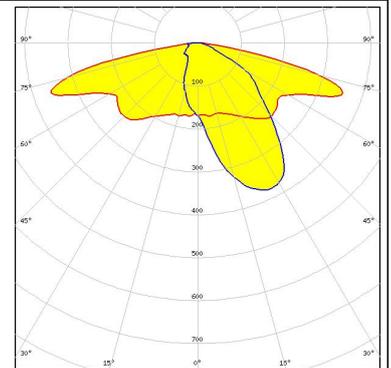
LED OSCONIQ P 3030
FWHM Asymmetric
Efficiency 90 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

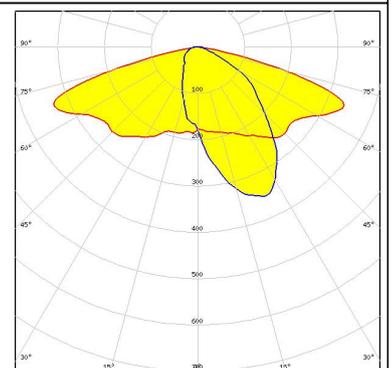
OSRAM

Opto Semiconductors
 LED OSLON Square CSSRM2/CSSRM3
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

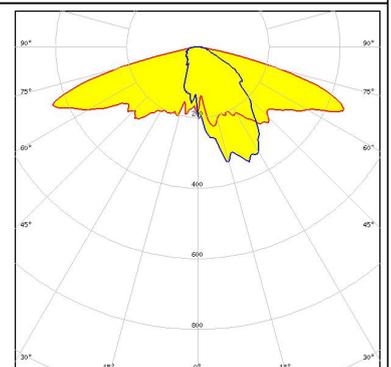
LED Fortimo FastFlex LED 4x16 DHE G4
 FWHM Asymmetric
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Transparent protective cover

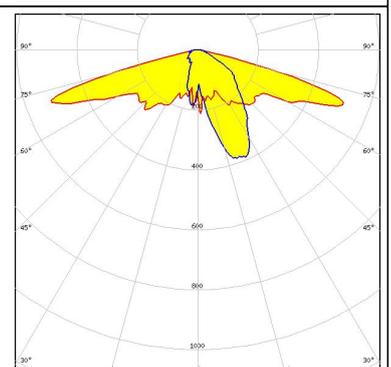
SAMSUNG

LED LH181B
 FWHM Asymmetric
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM101B
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

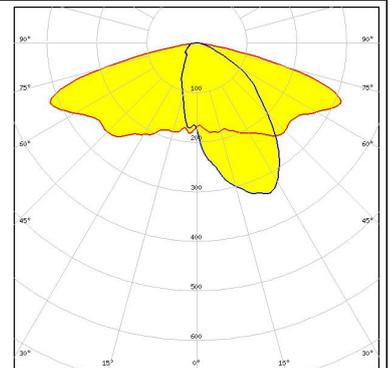


PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

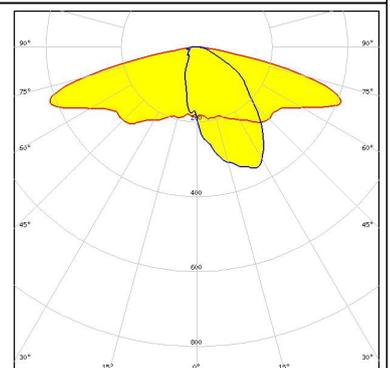
LED LM302Z plus
FWHM Asymmetric
Efficiency 79 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



SAMSUNG

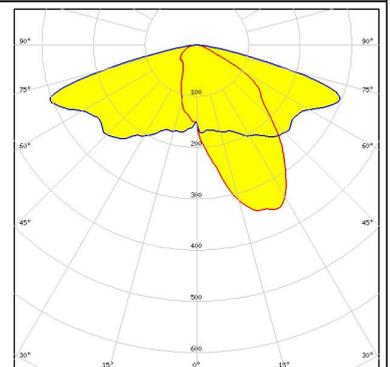
LED LM302Z plus
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
FWHM Asymmetric
Efficiency 80 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

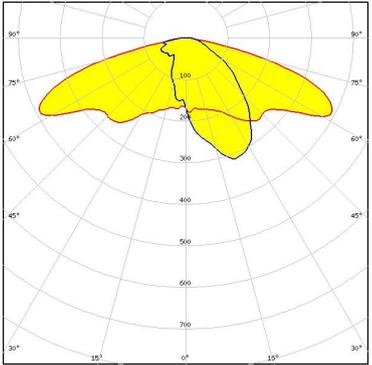
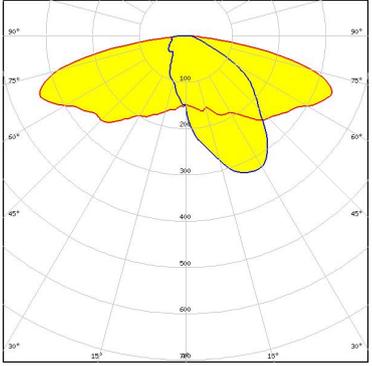
Transparent protective cover



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C
FWHM Asymmetric
Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

 SEOUL SEMICONDUCTOR	LED: Z8Y22 FWHM: Asymmetric Efficiency: 90 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:	
 SEOUL SEMICONDUCTOR	LED: Z8Y22P FWHM: Asymmetric Efficiency: 91 % Peak intensity: 0.4 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:

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