

STRADA-2X2-FS3

Forward throw beam optimized for European tunnels lighting with counter-beam method

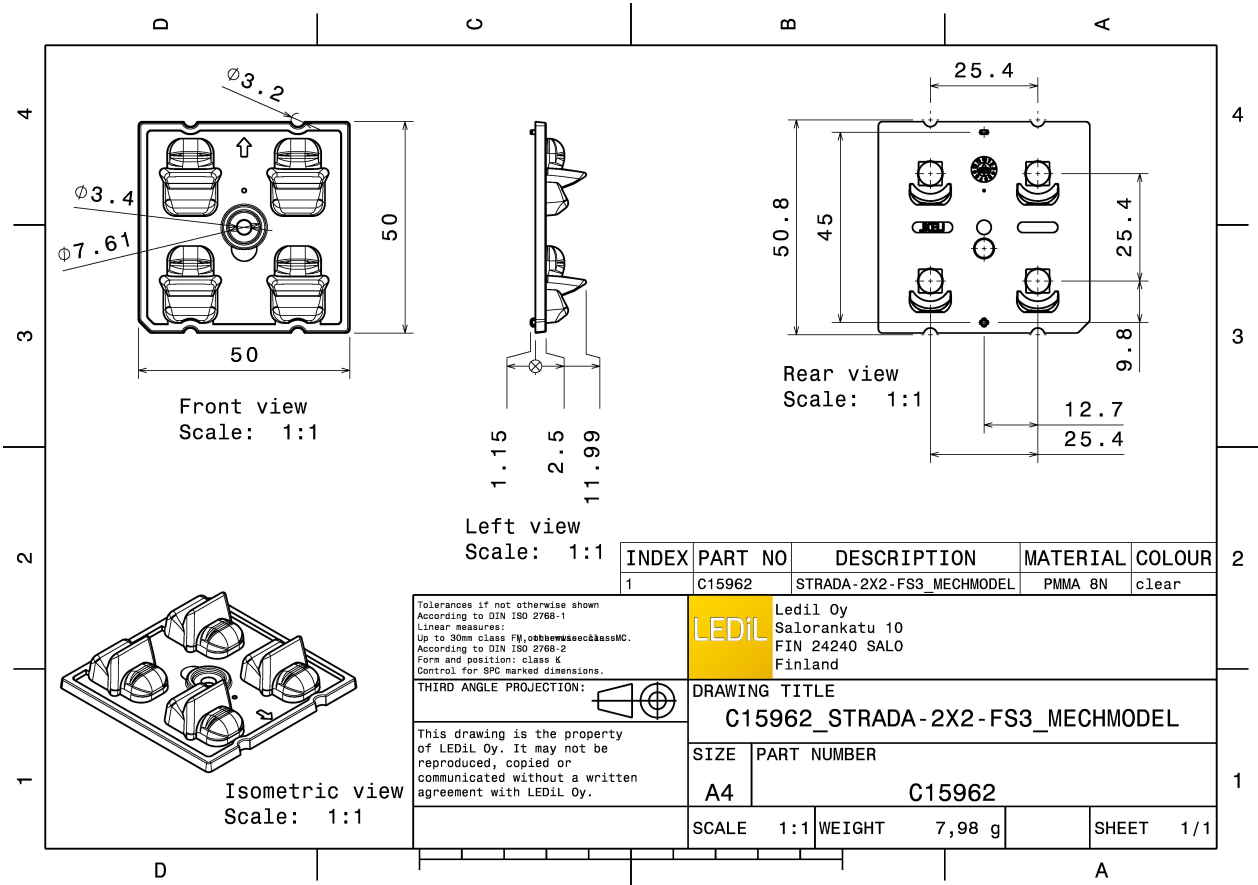
TECHNICAL SPECIFICATIONS:

Dimensions	50.0 mm
Height	12 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.1 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ

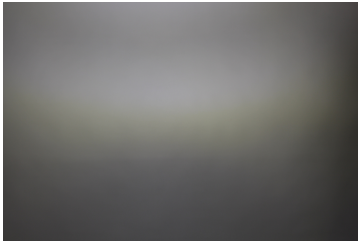
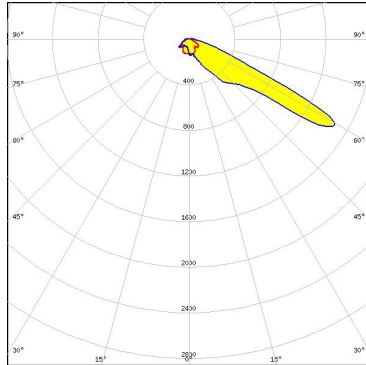

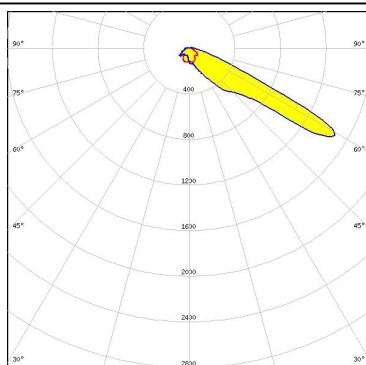
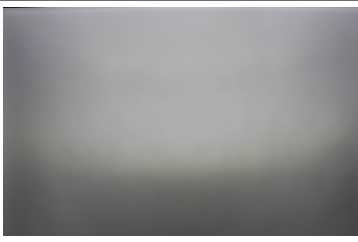
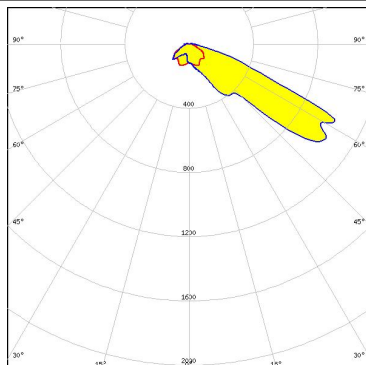

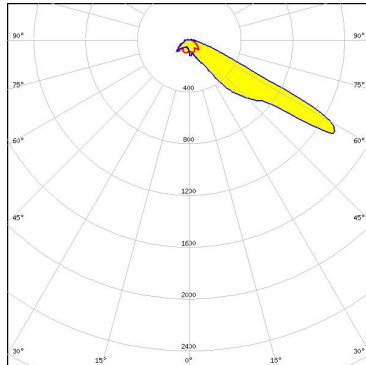


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-2X2-FS3	Multi-lens	PMMA	clear



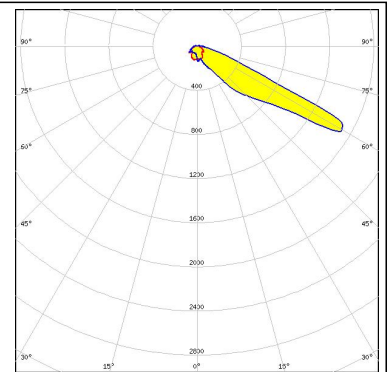
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX XTP 2x4 xxx LS G5 FWHM Asymmetric Efficiency 94 % Peak intensity 1.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX XTP 2x6 xxx LS G5 FWHM Asymmetric Efficiency 94 % Peak intensity 1.700 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE</p> <p>LED XD16 FWHM Asymmetric Efficiency 94 % Peak intensity 1.100 cd/lm LEDs/each optic 4 Light colour White Required components:</p>		
<p>CREE</p> <p>LED XD16 FWHM Asymmetric Efficiency 91 % Peak intensity 2.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

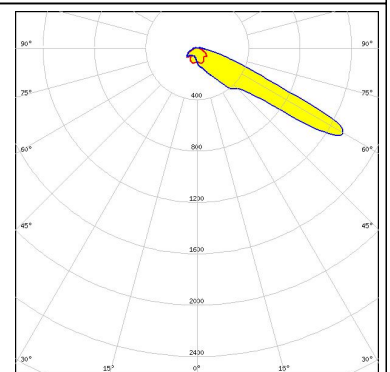
PHOTOMETRIC DATA (MEASURED):



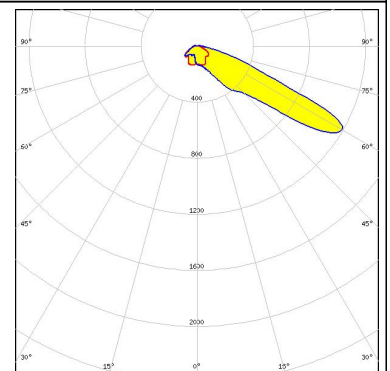
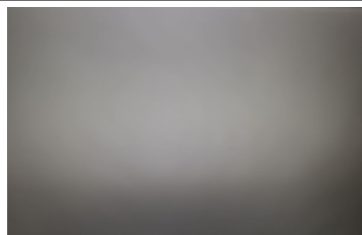
LED XP-G2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



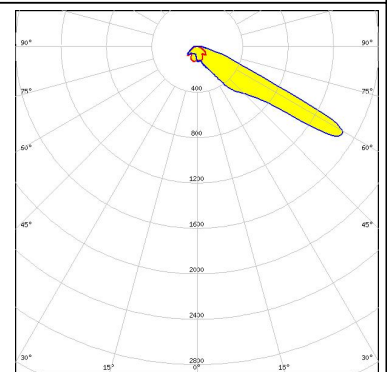
LED XP-G3
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON V
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



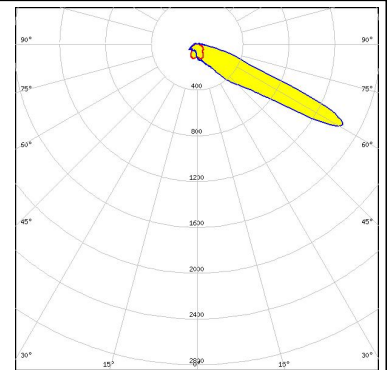
LED LUXEON V2
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



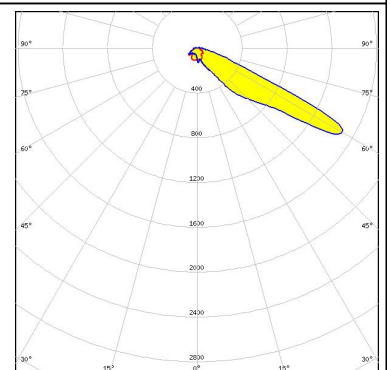
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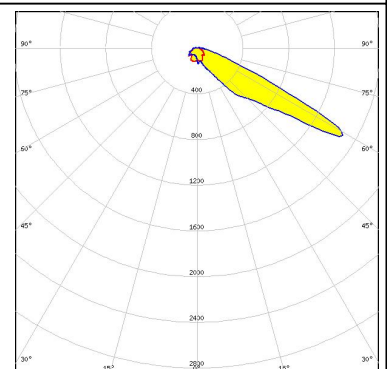
LED NVSW319B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



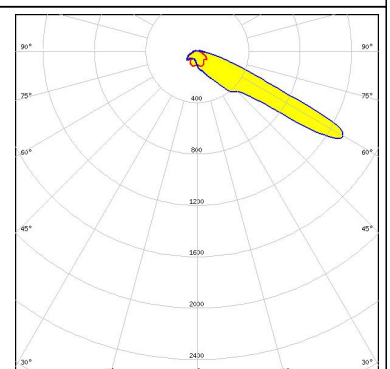
LED OSLON Square CSSRM2/CSSRM3
FWHM Asymmetric
Efficiency 92 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLON Square PC
FWHM Asymmetric
Efficiency 93 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



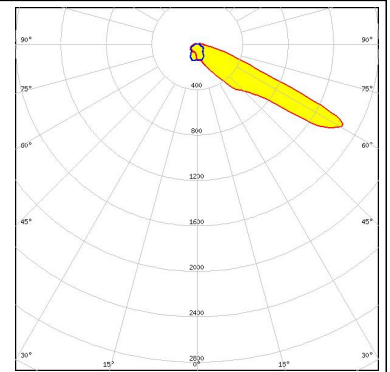
LED Fortimo FastFlex LED 2x8 DAX G4
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



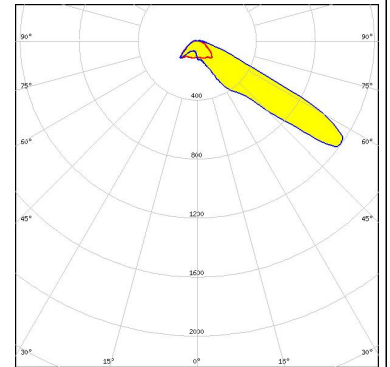
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED HiLOM RH16 (LH351C)
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.620 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y22
FWHM Asymmetric
Efficiency 94 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:

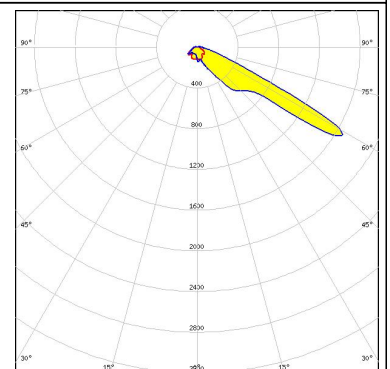


TRIDONIC


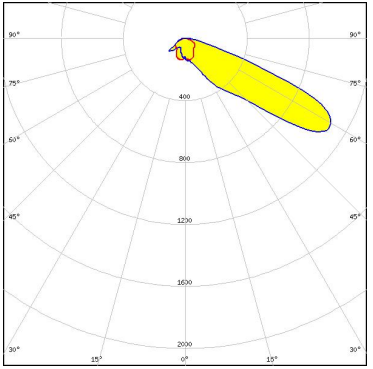

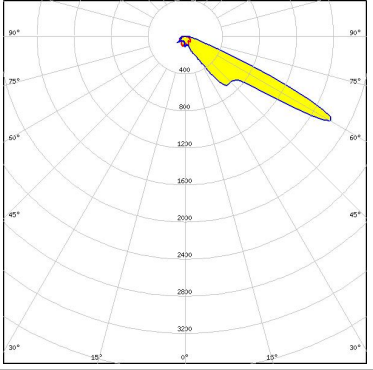

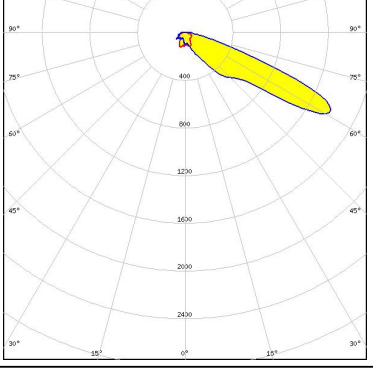

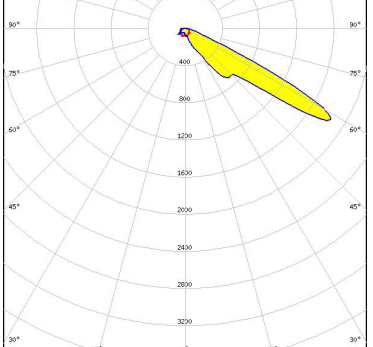
LED RLE 2x4 2000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:

TRIDONIC

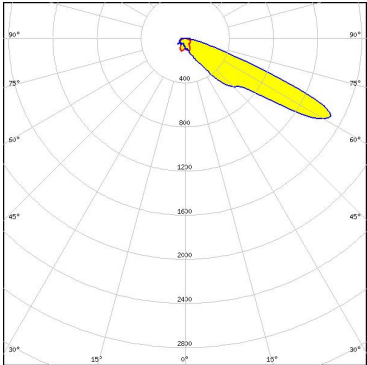
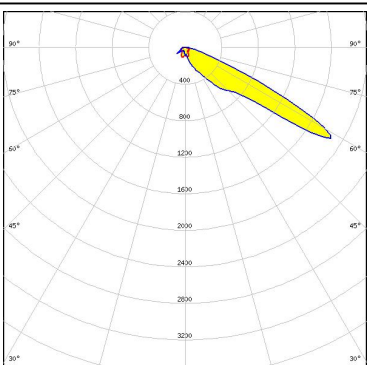
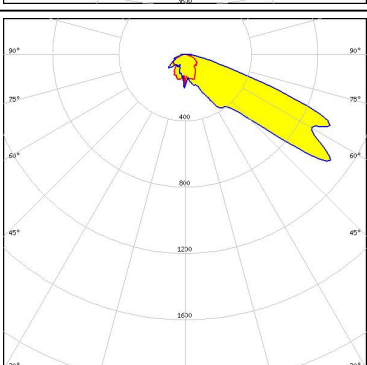
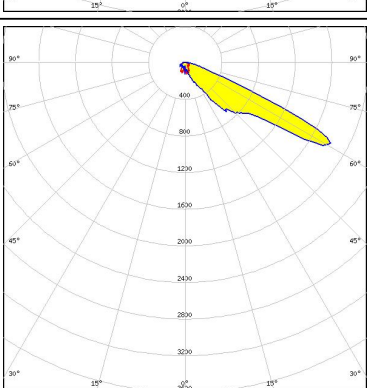
LED RLE 2x8 4000lm HP EXC2 OTD
FWHM Asymmetric
Efficiency 94 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

<p> LED Bridgelux SMD 5050 FWHM Asymmetric Efficiency 86 % Peak intensity 1.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> LED LUXEON 3030 2D (Round LES) FWHM Asymmetric Efficiency 90 % Peak intensity 1.810 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> LED NVSW3x9A FWHM Asymmetric Efficiency 89 % Peak intensity 1.400 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> LED NVSxE21A FWHM Asymmetric Efficiency 90 % Peak intensity 1.900 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

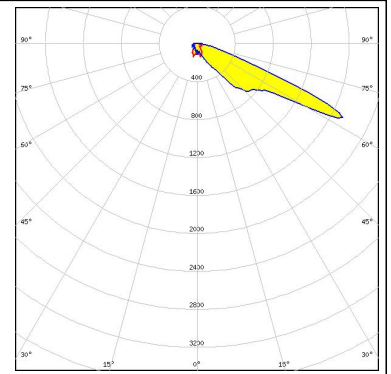
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM Asymmetric Efficiency 90 % Peak intensity 1.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip) FWHM Asymmetric Efficiency 91 % Peak intensity 1.880 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8 FWHM Asymmetric Efficiency 90 % Peak intensity 1.090 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (2W version) FWHM Asymmetric Efficiency 91 % Peak intensity 1.830 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4
FWHM Asymmetric
Efficiency 91 %
Peak intensity 1.700 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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