

STRADA-SQ-FS3

Forward throw beam optimized for European tunnels, resulting extremely efficient lighting with counter-beam method. Version with location pins. Assembly with installation tape.

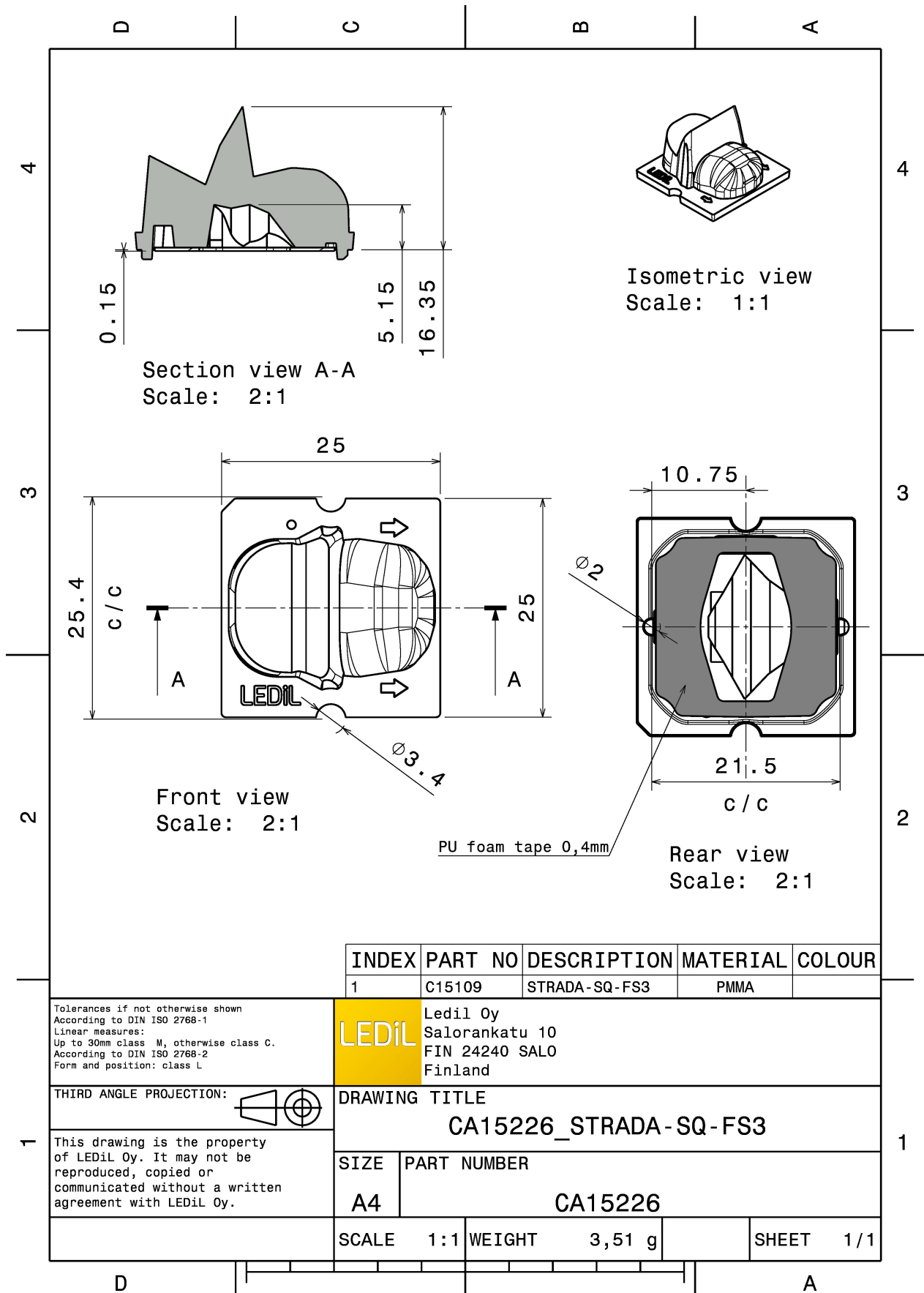
TECHNICAL SPECIFICATIONS:

Dimensions	25.0 mm
Height	16.2 mm
Fastening	tape
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.4 kg
Quantity in Box	1470 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

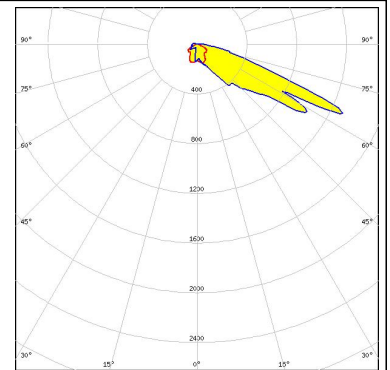
Component	Type	Material	Colour
STRADA-SQ-FS3	Single lens	PMMA	clear
ROSE-TAPE	Tape	PU tape	black



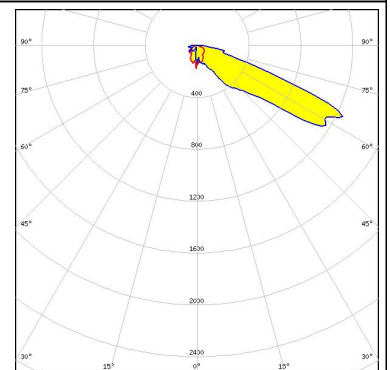
PHOTOMETRIC DATA (MEASURED):



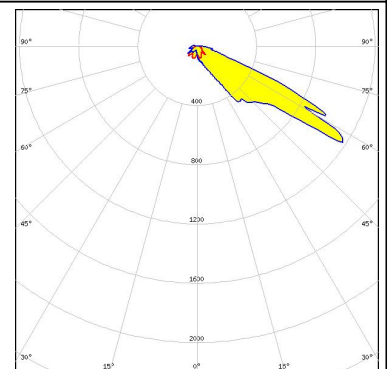
LED MK-R
 FWHM 125.0°
 Efficiency 88 %
 Peak intensity 1.298 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



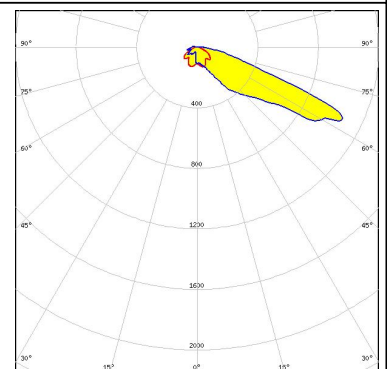
LED LUXEON M/MX
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 2.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV4x144A
 FWHM Asymmetric
 Efficiency 91 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



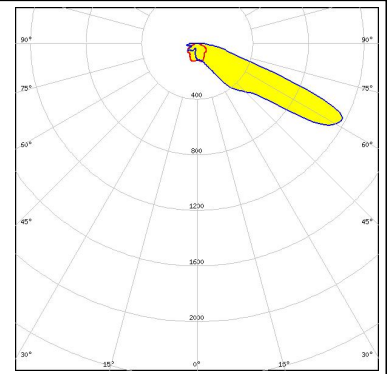
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NV4x144A FWHM Asymmetric Efficiency 78 % Peak intensity 1.200 cd/lm LEDs/each optic 1 Light colour White Required components: Undefined Manufacturer: Protective Plate, Glass</p>	
<p>NICHIA</p> <p>LED NVSW319B FWHM Asymmetric Efficiency 90 % Peak intensity 2.400 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S10 FWHM Asymmetric Efficiency 86 % Peak intensity 1.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Square PC FWHM Asymmetric Efficiency 91 % Peak intensity 3.100 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

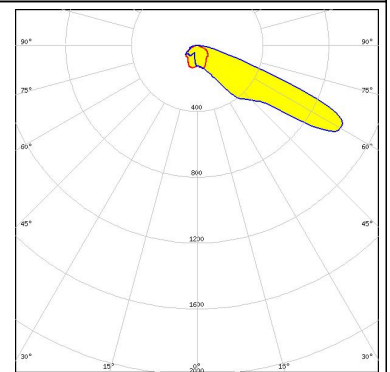
PHOTOMETRIC DATA (SIMULATED):



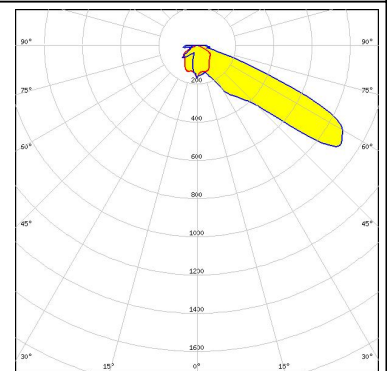
LED XHP50.2
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 1.210 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



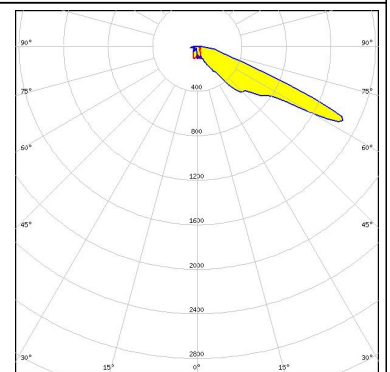
LED XHP50.2
 FWHM Asymmetric
 Efficiency 80 %
 Peak intensity 1.060 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Undefined Manufacturer: Protective Plate, Glass



LED XHP70
 FWHM Asymmetric
 Efficiency 77 %
 Peak intensity 0.910 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Undefined Manufacturer: Protective Plate, Glass



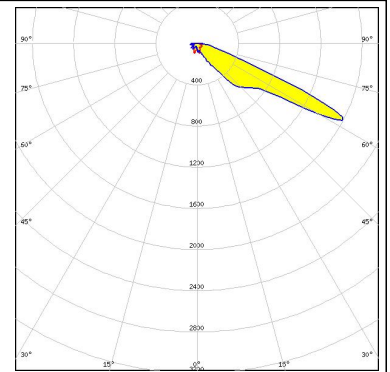
LED XM-L2
 FWHM Asymmetric
 Efficiency 88 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



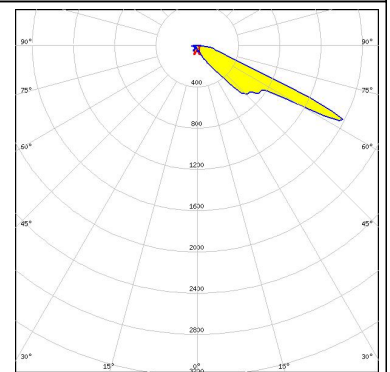
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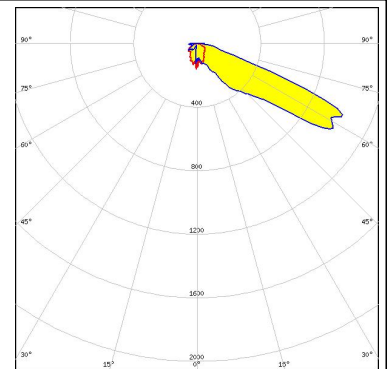
LED XP-G3
 FWHM Asymmetric
 Efficiency 90 %
 Peak intensity 1.730 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



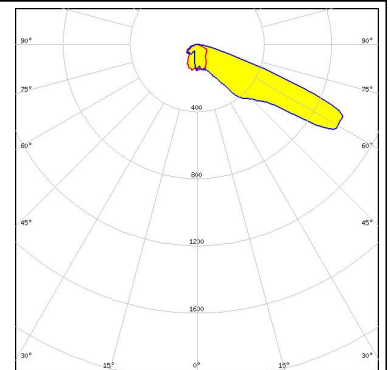
LED XT-E
 FWHM Asymmetric
 Efficiency 87 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



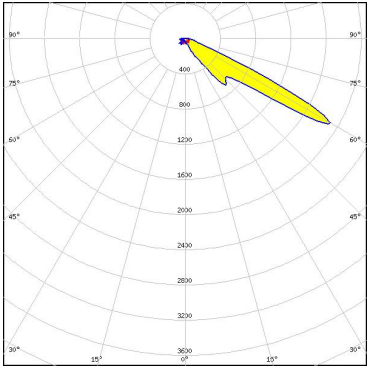
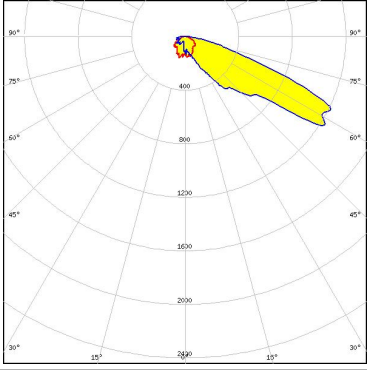
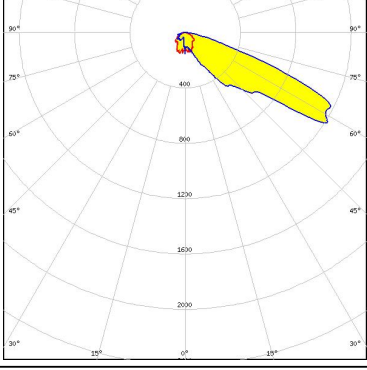
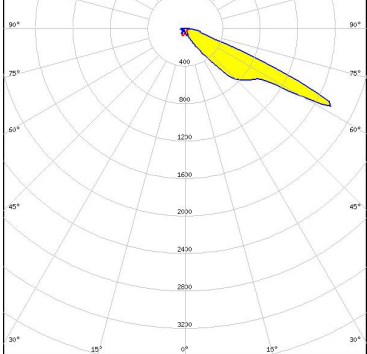
LED LUXEON M/MX
 FWHM Asymmetric
 Efficiency 73 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON M/MX
 FWHM Asymmetric
 Efficiency 76 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Undefined Manufacturer: Protective Plate, Glass



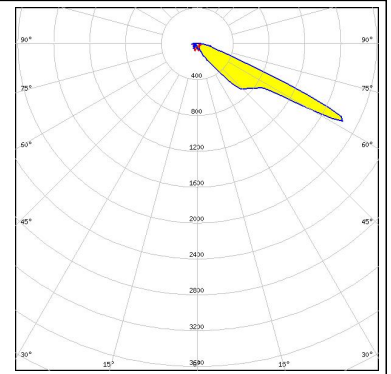
PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxE21A FWHM: Asymmetric Efficiency: 89 % Peak intensity: 2.100 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 7070 FWHM: Asymmetric Efficiency: 94 % Peak intensity: 1.420 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 7070 FWHM: Asymmetric Efficiency: 85 % Peak intensity: 1.370 cd/lm LEDs/each optic: 1 Light colour: White Required components: Undefined Manufacturer: Protective Plate, Glass</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: Oslon Square EC FWHM: Asymmetric Efficiency: 89 % Peak intensity: 2.060 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Oslon Square Gen3
FWHM	Asymmetric
Efficiency	90 %
Peak intensity	2.160 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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