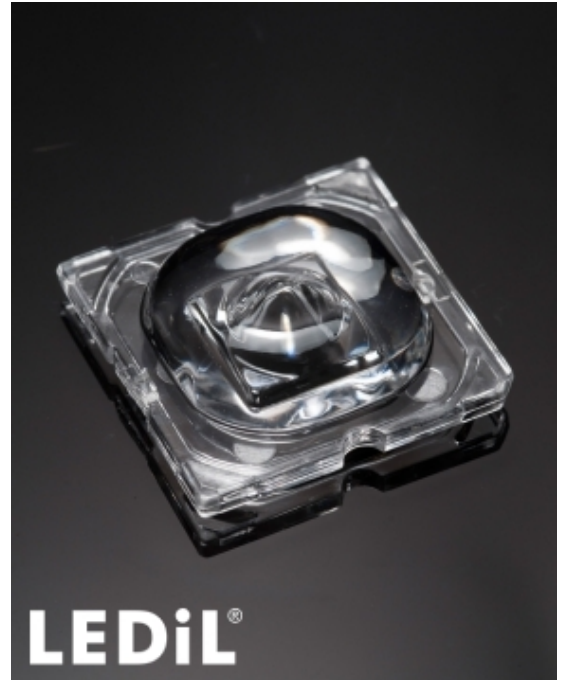


STRADA-SQ-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks. Version with location pins.

TECHNICAL SPECIFICATIONS:

Dimensions	25.0 x 25.0 mm
Height	6.8 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

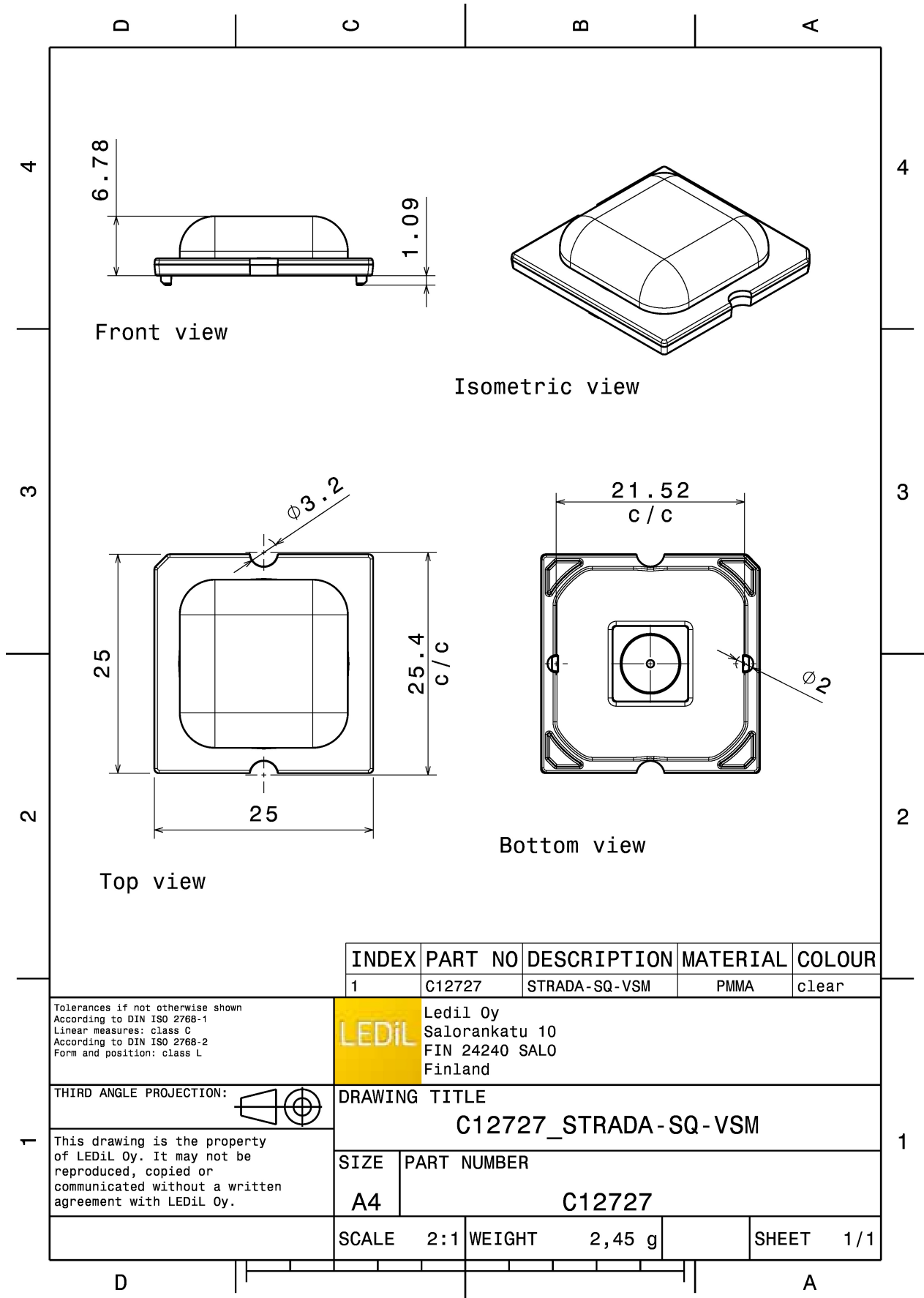


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
STRADA-SQ-VSM	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12727_STRADA-SQ-VSM » Box size: 480 x 280 x 300 mm	2058	294	98	7.3



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12727	STRADA-SQ-VSM	PMMA	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class C
According to DIN ISO 2768-2
Form and position: class L

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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C12727_STRADA-SQ-VSM

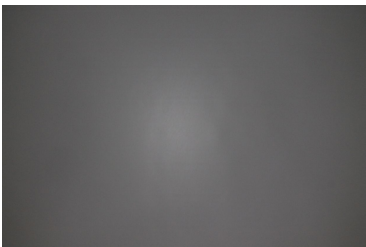
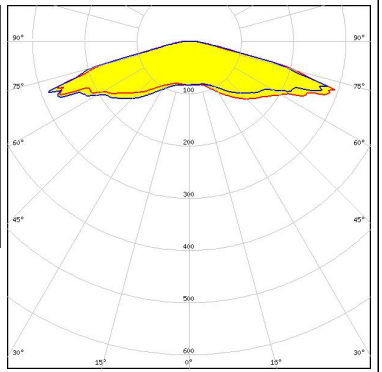
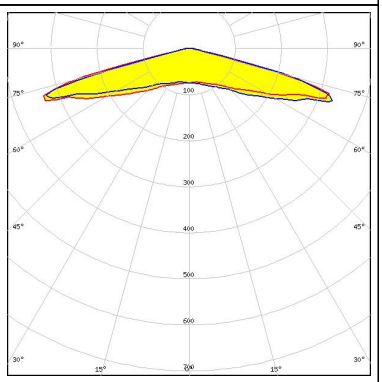
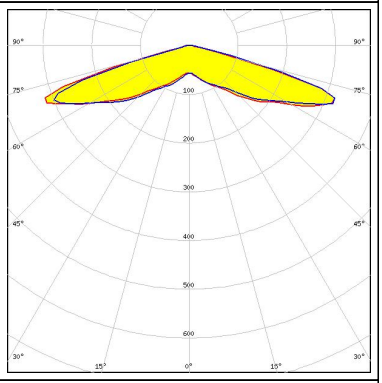
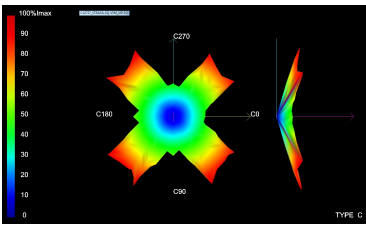
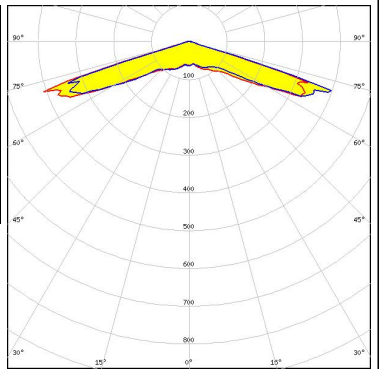
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SIZE	PART NUMBER
A4	C12727

SCALE	2:1	WEIGHT	2,45 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

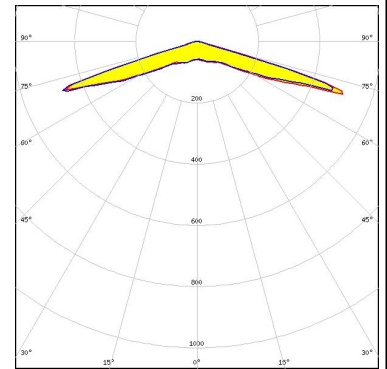
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XHP50 FWHM / FWTM 154.0° / 171.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XM-L FWHM / FWTM 154.0° Efficiency 93 % Peak intensity 0.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XM-L2 FWHM / FWTM 155.0° / 177.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-E2 FWHM / FWTM 149.0° / 151.0° Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

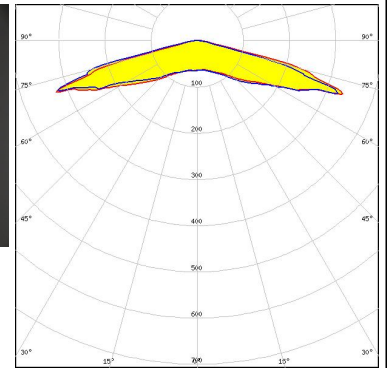
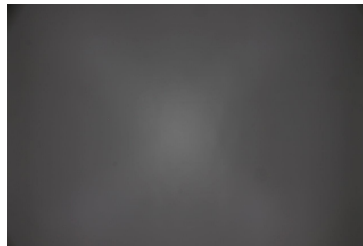
CREE LED

LED XP-G2
 FWHM / FWTM 149.0° / 153.0°
 Efficiency 94 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



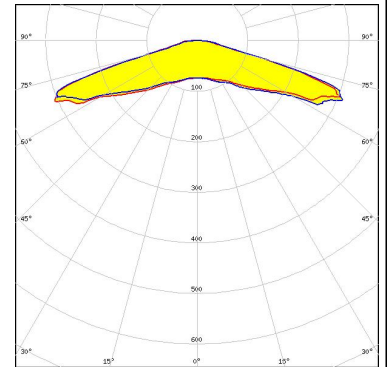
CREE LED

LED XP-L HD
 FWHM / FWTM 152.0° / 162.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



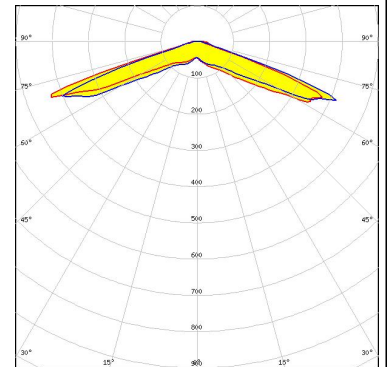
CREE LED

LED XP-L2
 FWHM / FWTM 149.0° / 170.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

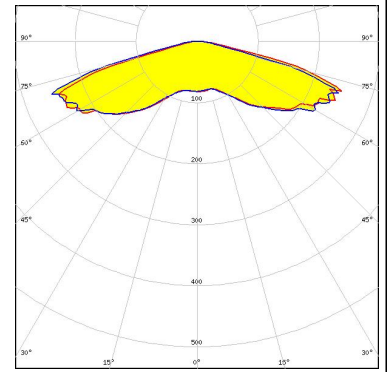
LED XT-E
 FWHM / FWTM 151.0°
 Efficiency 93 %
 Peak intensity 0.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

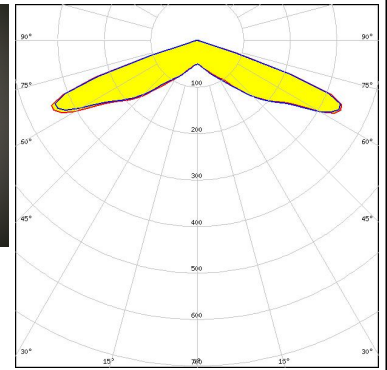
LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 154.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



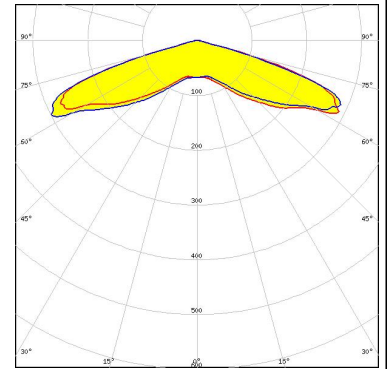
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 148.0° / 173.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NFMW48xA
 FWHM / FWTM 148.0° / 154.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED J Series 5050 Round LES</p> <p>FWHM / FWTM 148.0° / 158.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CREE LED</p> <p>LED XHP50.3 HD</p> <p>FWHM / FWTM 152.0° / 163.0 + 164.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>CREE LED</p> <p>LED XP-G3</p> <p>FWHM / FWTM 150.0° / 158.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 150.0° / 157.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

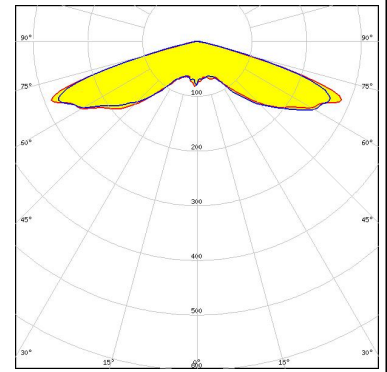
<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 150.0° / 150.0° Efficiency: 93 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSW519A FWHM / FWTM: 154.0° / 160.0° Efficiency: 91 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 7070 FWHM / FWTM: 150.0° / 154.0° Efficiency: 90 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ S 5050 FWHM / FWTM: 146.0 + 147.0° / 156.0° Efficiency: 77 % Peak intensity: 0.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p style="background-color: #ADD8E6; padding: 5px; display: inline-block;">Protective plate, glass</p>	

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

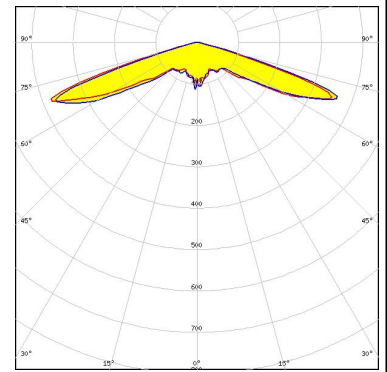
LED OSCONIQ S 5050
 FWHM / FWTM 147.0 + 148.0° / 155.0 + 156.0°
 Efficiency 95 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

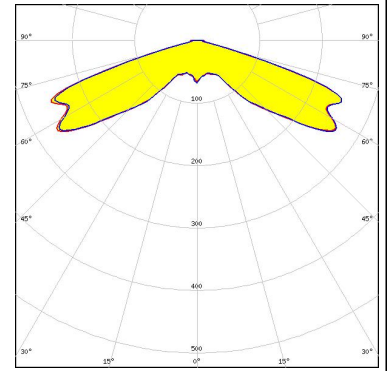
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 144.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y19
 FWHM / FWTM 146.0° / 153.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 4
 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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