

STRADA-SQ-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Version with location pins. Assembly with installation tape.

SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	10.1 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

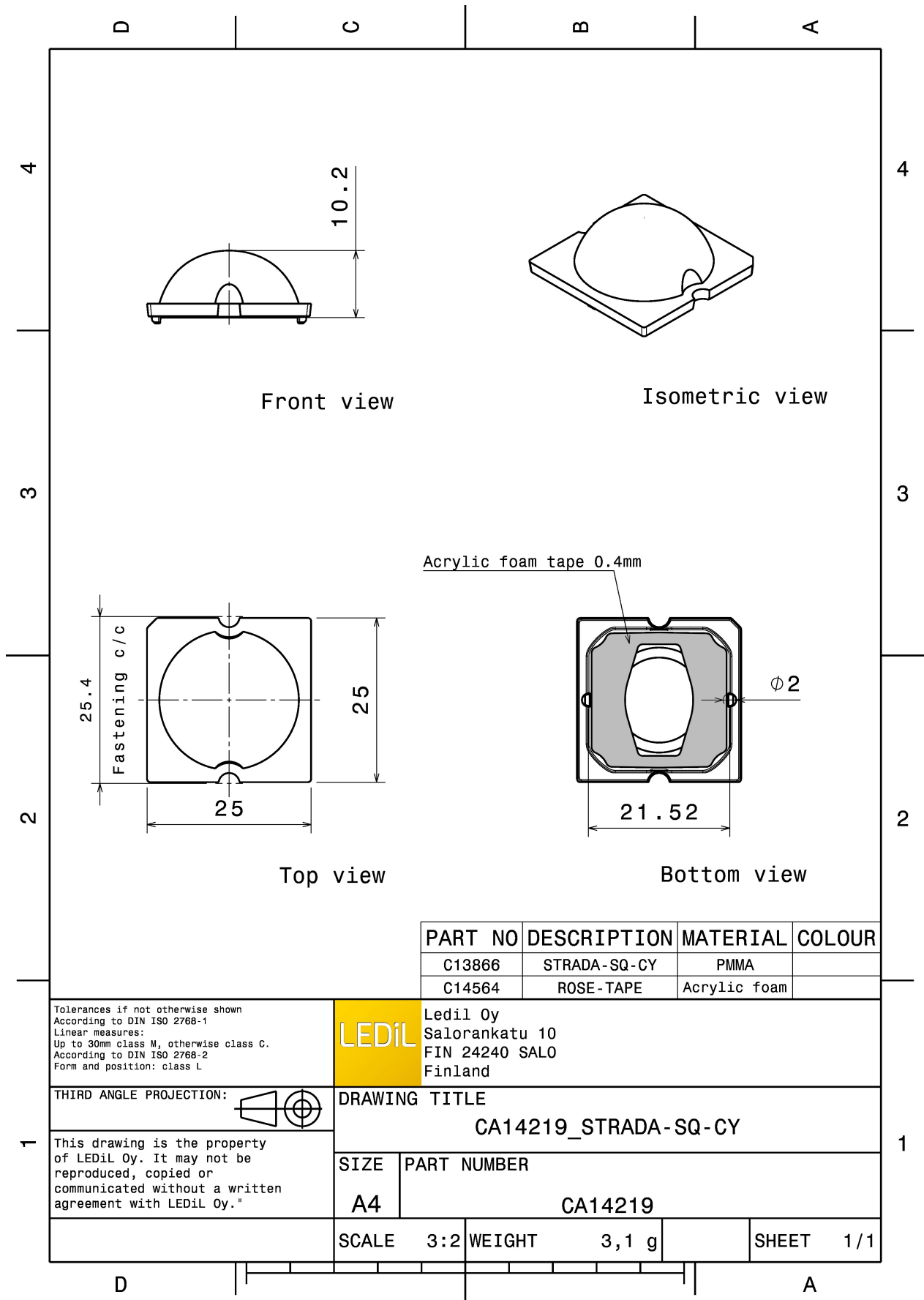


MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-SQ-CY	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	




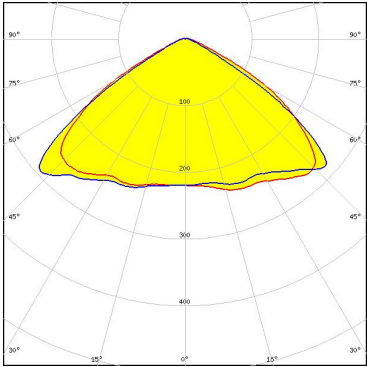

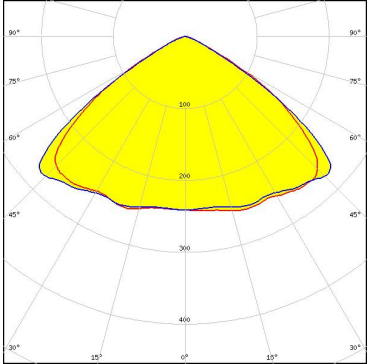
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA14219_STRADA-SQ-CY » Box size: 480 x 280 x 300 mm	Single lens	2058		98	7.8



See also our general installation guide: www.ledil.com/installation_guide

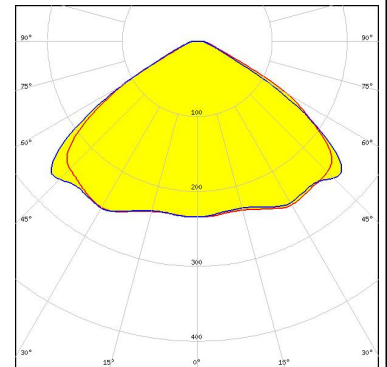
OPTICAL RESULTS (MEASURED):

		
LED	MHD-E/G	
FWHM / FWTM	117.0 + 115.0° / 138.0 + 133.0°	
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	MK-R	
FWHM / FWTM	118.0 + 115.0° / 274.0°	
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	XHP50	
FWHM / FWTM	122.0 + 118.0°	
Efficiency	94 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	XHP50	
FWHM / FWTM	115.0 + 113.0° / 132.0 + 131.0°	
Efficiency	90 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		<div style="background-color: #ADD8E6; padding: 5px; display: inline-block;">Protective plate, glass</div>

OPTICAL RESULTS (MEASURED):

CREE LED

LED XHP70
 FWHM / FWTM 121.0 + 119.0° / 144.0 + 143.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

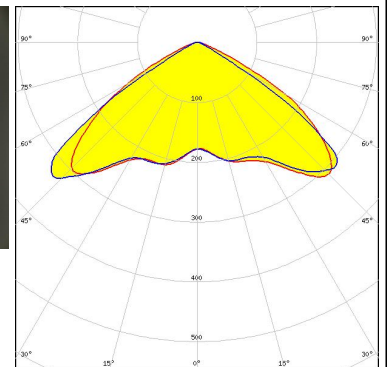
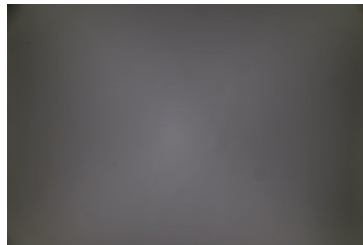


CREE LED

LED XM-L
 FWHM / FWTM 122.0 + 116.0° / 270.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

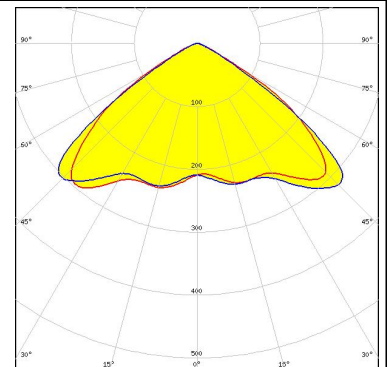
CREE LED

LED XP-L HD
 FWHM / FWTM 118.0 + 127.0° / 136.0 + 148.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XP-L2
 FWHM / FWTM 118.0 + 115.0° / 136.0 + 133.0°
 Efficiency 90 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



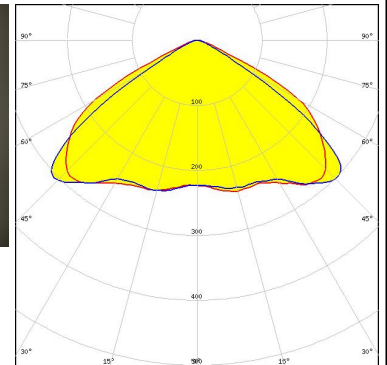
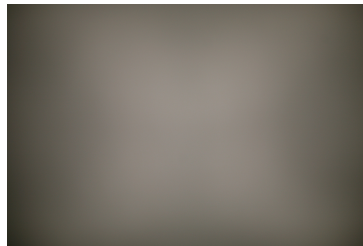
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 120.0 + 115.0° / 271.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

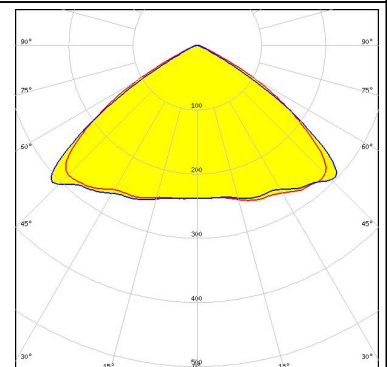
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 127.0 + 118.0° / 144.0 + 137.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



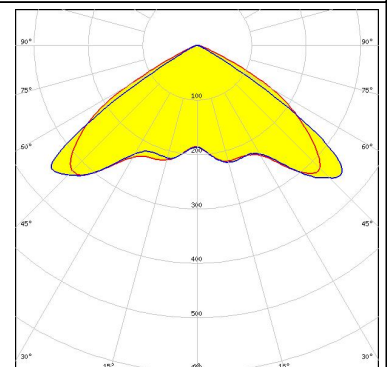
LUMILEDS

LED LUXEON XR-M Linear (L2M0-xxxx003MC3300)
 FWHM / FWTM 118.0 + 115.0° / 135.0 + 130.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

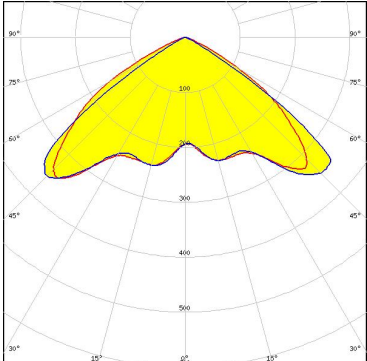
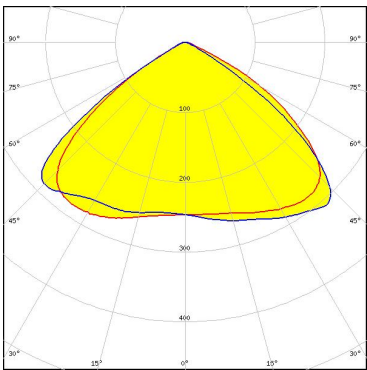
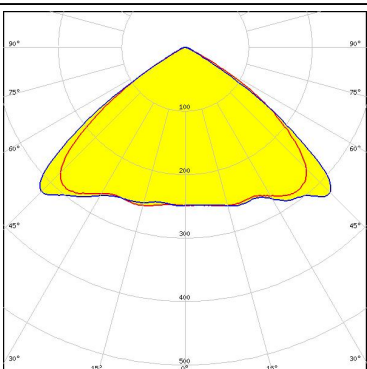
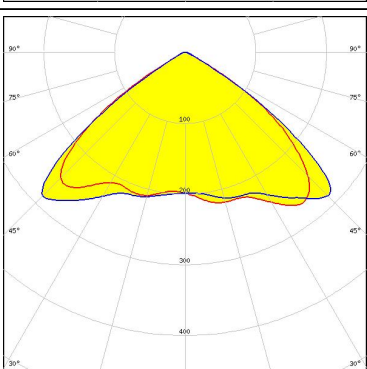


NICHIA

LED NVSW319B
 FWHM / FWTM 125.0 + 117.0° / 141.0 + 131.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 124.0 + 115.0° / 141.0 + 128.0° Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S10 FWHM / FWTM 116.0 + 113.0° / 132.0 + 128.0° Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8 FWHM / FWTM 112.0° / 126.0° Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SAMSUNG</p> <p>LED LH508A FWHM / FWTM 114.0 + 113.0° / 127.0° Efficiency 79 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

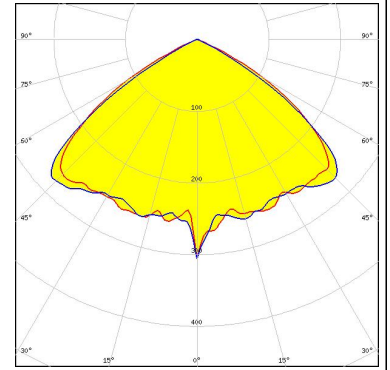
<p>CREE → LED</p> <p>LED: J Series 2835 FWHM / FWTM: 113.0° / 136.0° Efficiency: 98 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: MHB-A/B FWHM / FWTM: 112.0° / 138.0° Efficiency: 98 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP50.2 FWHM / FWTM: 101.0 + 107.0° / 122.0 + 125.0° Efficiency: 94 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XM-L2 FWHM / FWTM: 114.0° / 128.0° Efficiency: 96 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

LUMILEDS

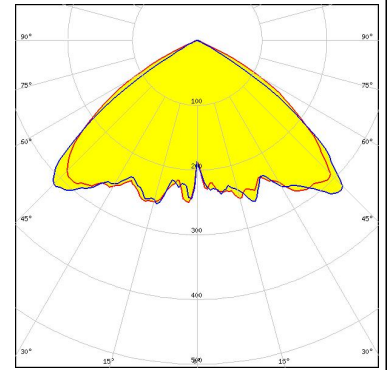
LED LUXEON M/MX
FWHM / FWTM 97.0 + 106.0° / 118.0 + 123.0°
Efficiency 88 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



OSRAM Opto Semiconductors

LED OSCONIQ P 7070
FWHM / FWTM 115.0° / 130.0°
Efficiency 92 %
Peak intensity 0.5 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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