

STRADA-C2

Beam for area and street lighting such as parks and pedestrian walkways. Assembly with installation tape.

SPECIFICATION:

Dimensions	19.6 x 15.5 mm
Height	5.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

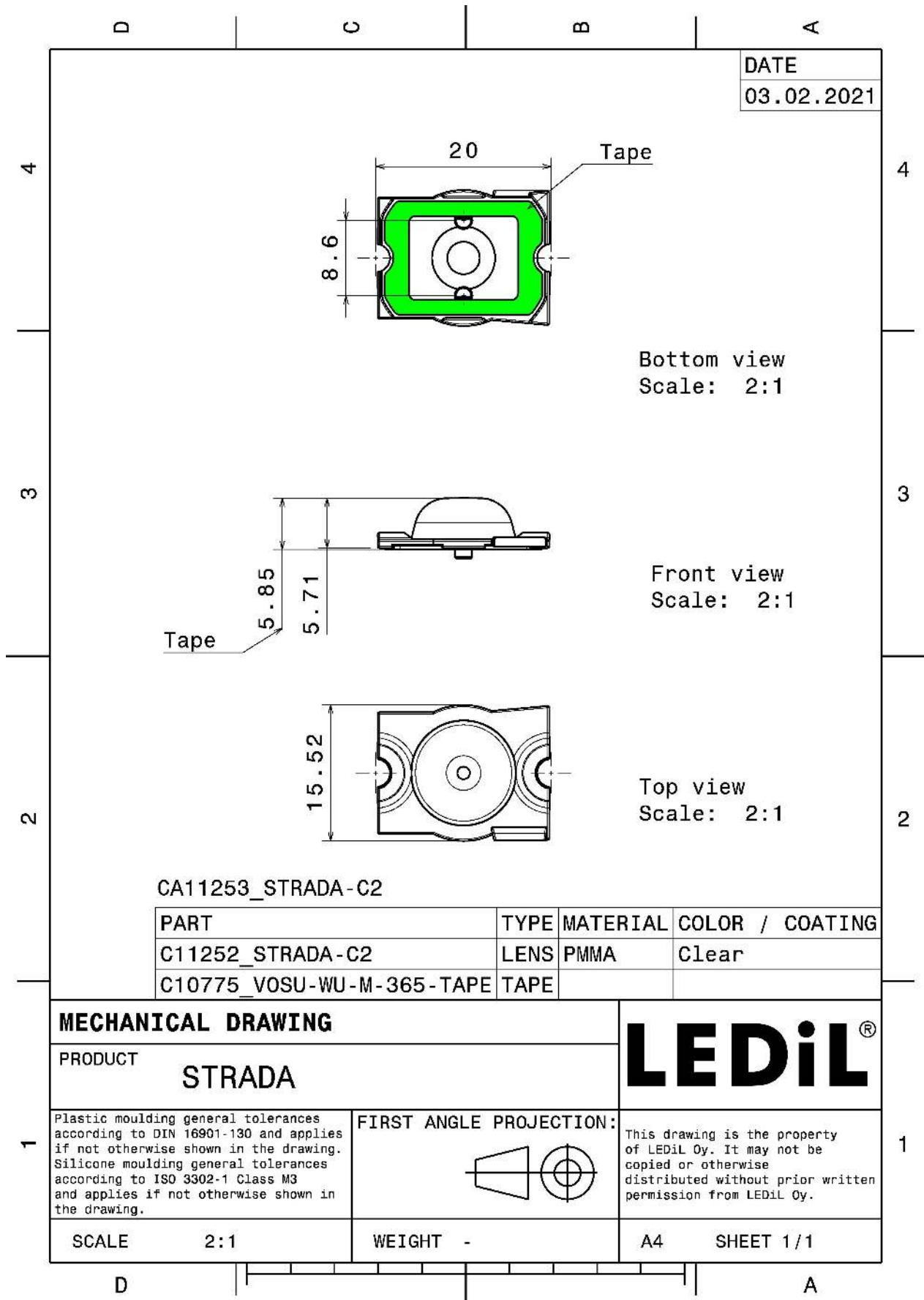


MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-C2	Single lens	PMMA	clear	
VOSU-WU-M-365-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA11253_STRADA-C2	Single lens	4320	240	240	4.1
» Box size: 450 x 260 x 200 mm					

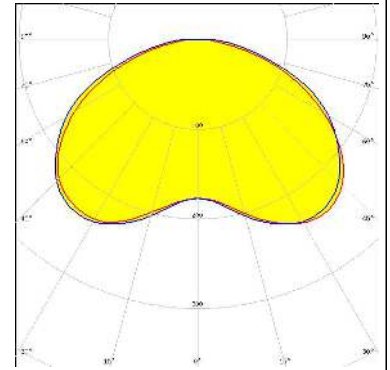


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE → LED

LED XB-D
FWHM / FWTM 135.0° / 175.0°
Efficiency 93 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE → LED

LED XP-E
FWHM / FWTM 124.0°
Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:


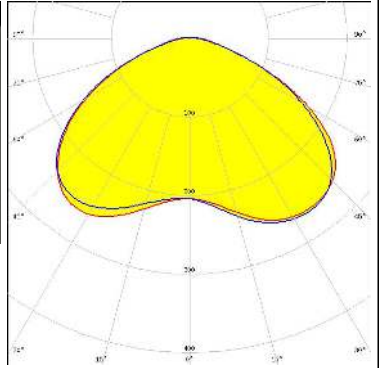
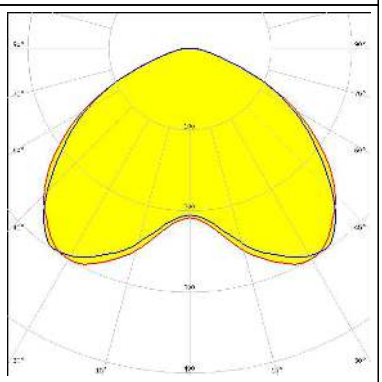
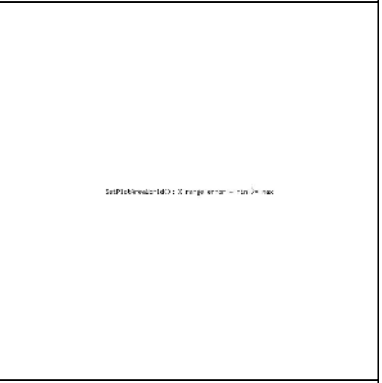
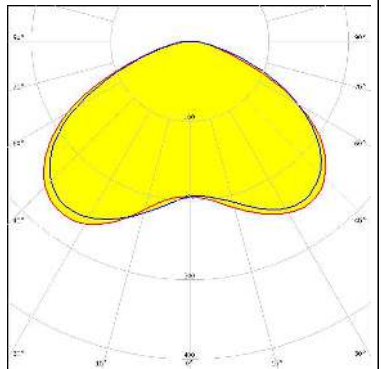
CREE → LED

LED XP-G
FWHM / FWTM 132.0°
Efficiency 92 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON A
FWHM / FWTM 128.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:

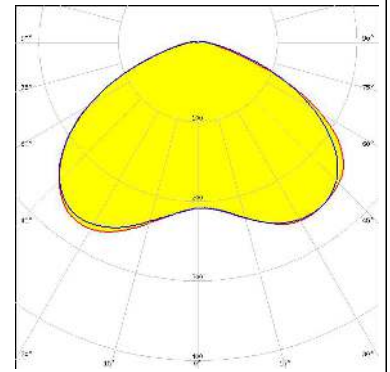
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON R</p> <p>FWHM / FWTM 134.0° / 166.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel</p> <p>FWHM / FWTM 119.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 128.0° / 162.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON T</p> <p>FWHM / FWTM 136.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

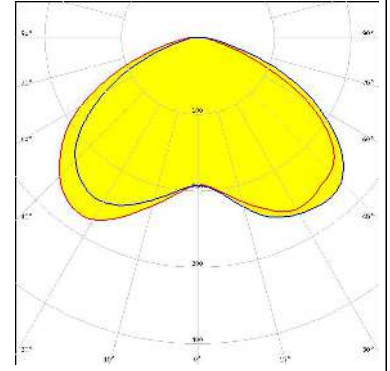
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 134.0° / 165.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON Z ES
 FWHM / FWTM 136.0° / 165.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

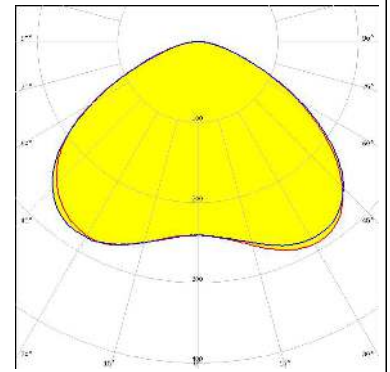


NICHIA




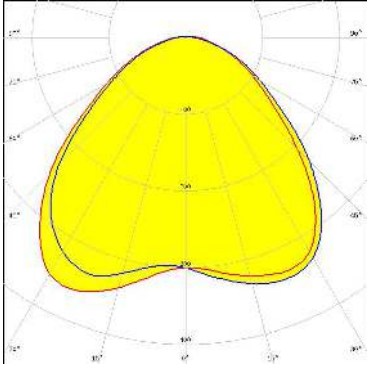

LED NCSxx19A
 FWHM / FWTM 124.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour White
 Required components:

NICHIA

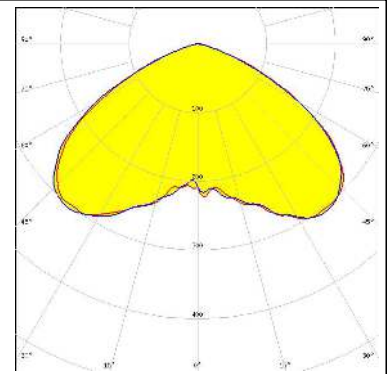
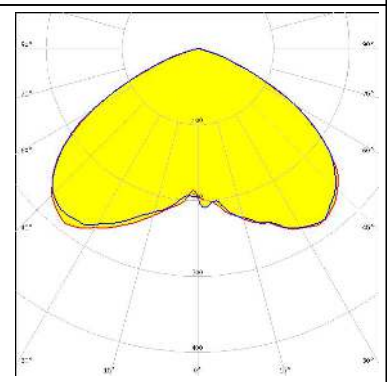
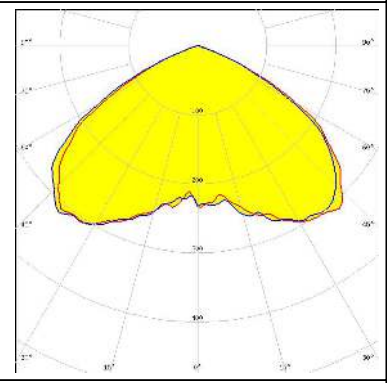
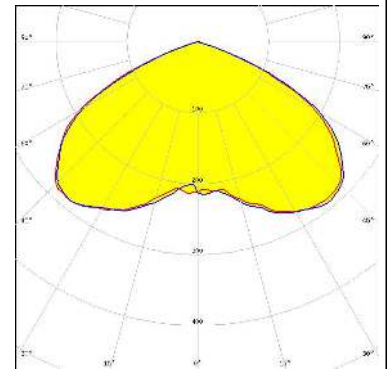
LED NVSW219D
 FWHM / FWTM 126.0° / 161.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



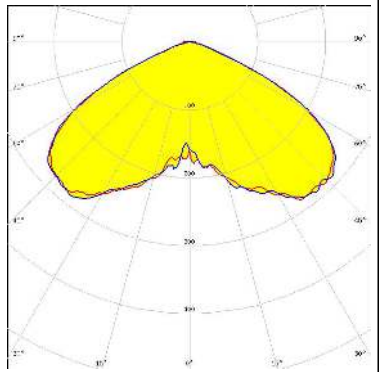
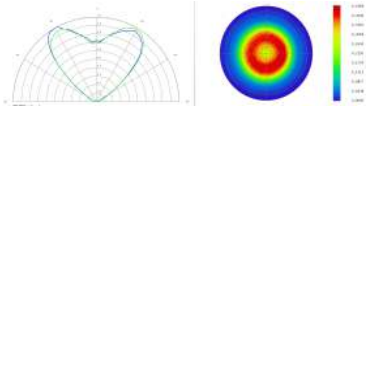
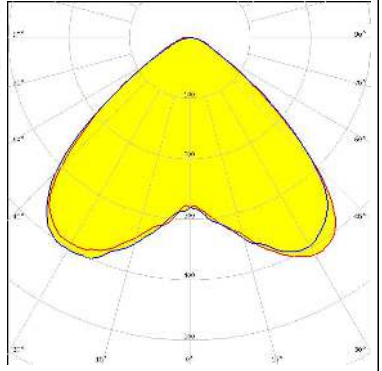
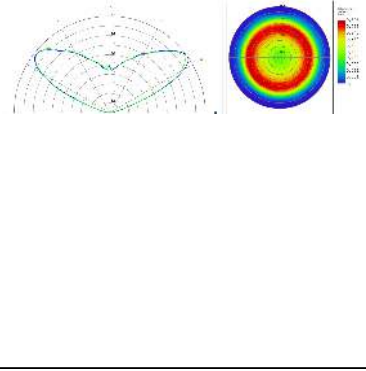
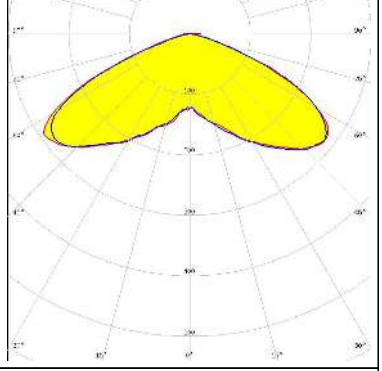
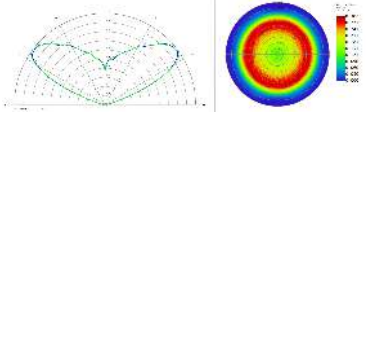
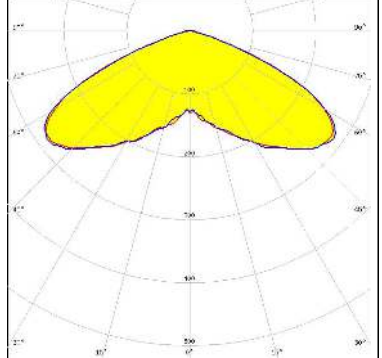
OPTICAL RESULTS (MEASURED):

	
LED	NVSxx19A
FWHM / FWTM	124.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	
	
LED	OSLON SSL 150
FWHM / FWTM	92.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	
	
LED	OSLON SSL 80
FWHM / FWTM	107.0° / 158.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	
	
LED	Double Dome (GM2BB)
FWHM / FWTM	122.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED J Series 2835 FWHM / FWTM 123.0° / 145.0° Efficiency 96 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-E2 FWHM / FWTM 122.0° / 146.0° Efficiency 88 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p>	
<p>LUMILEDS</p> <p>LED LUXEON H50-2 FWHM / FWTM 121.0° / 138.0° Efficiency 92 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 127.0° / 142.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 124.0° / 144.0° Efficiency: 94 % LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4715AS FWHM / FWTM: 100.0° / 128.0° Efficiency: 96 % LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4716AS FWHM / FWTM: 134.0° / 153.0° Efficiency: 96 % LEDs/each optic: 1 Light colour: IR Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4716S FWHM / FWTM: 134.0° / 150.0° Efficiency: 96 % LEDs/each optic: 1 Light colour: IR Required components:</p>		

OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR	
LED	Z5
FWHM / FWTM	122.0°
Efficiency	%
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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