

## STRADA-C2

Beam for area and street lighting such as parks and pedestrian walkways

### SPECIFICATION:

Dimensions	19.6 x 15.5 mm
Height	6.9 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

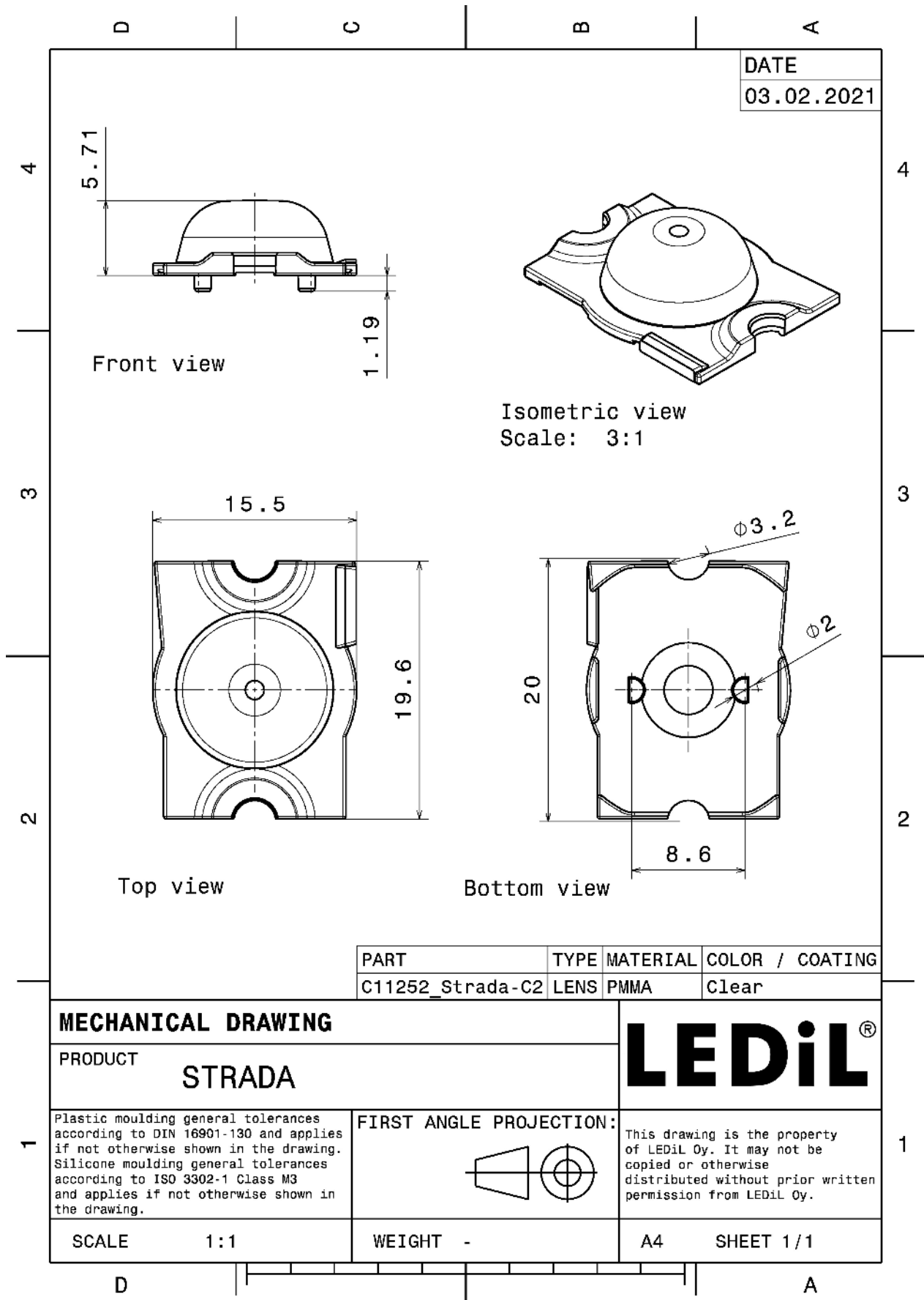


### MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-C2	Single lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11252_STRADA-C2 » Box size: 480 x 280 x 300 mm	2880	288	144	3.7

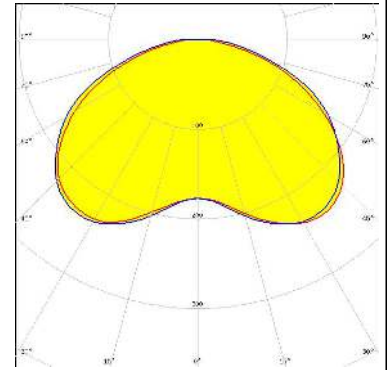


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### 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 136.0°  
 Efficiency 92 %  
 Peak intensity 0.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### LUMILEDS

LED LUXEON A  
 FWHM / FWTM 120.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### OPTICAL RESULTS (MEASURED):

#### LUMILEDS

LED LUXEON R  
FWHM / FWTM 128.0° / 160.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

LED LUXEON Rebel  
FWHM / FWTM 120.0°  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS




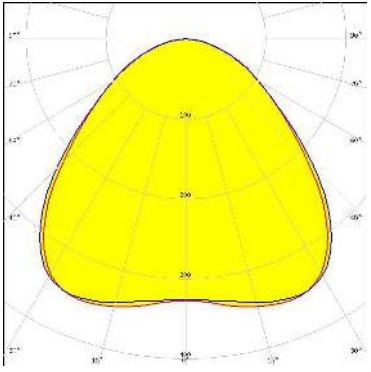

LED LUXEON Rebel ES  
FWHM / FWTM 128.0° / 162.0°  
Efficiency 92 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

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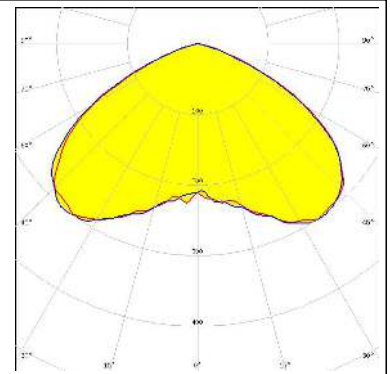
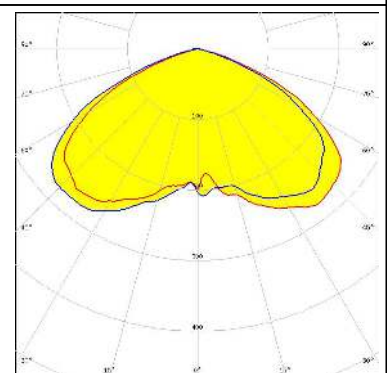
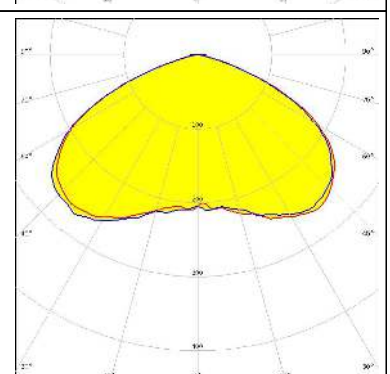
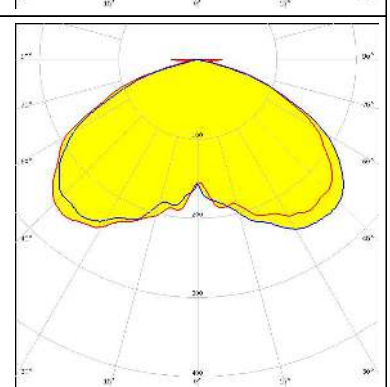
#### NICHIA

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


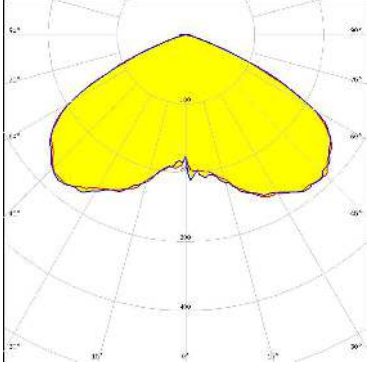

### OPTICAL RESULTS (MEASURED):

	
LED	NVSxx19A
FWHM / FWTM	124.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	
 <small>Osram Semiconductors</small>	
LED	OSLON SSL 150
FWHM / FWTM	92.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	
 <small>Osram Semiconductors</small>	
LED	OSLON SSL 80
FWHM / FWTM	92.0°
Efficiency	92 %
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><b>CREE</b> ⇄ <b>LED</b></p> <p>LED J Series 2835            FWHM / FWTM 124.0° / 146.0°            Efficiency 96 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XP-G2            FWHM / FWTM 122.0° / 146.0°            Efficiency 92 %            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XP-G3            FWHM / FWTM 131.0° / 152.0°            Efficiency 94 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XT-E            FWHM / FWTM 122.0° / 154.0°            Efficiency 91 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

### OPTICAL RESULTS (SIMULATED):

		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	127.0° / 144.0°	
Efficiency	94 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	Z5	
FWHM / FWTM	124.0°	
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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