

## STRADA-SQ-C

Beam for area and street lighting such as parks and pedestrian walkways. Version with location pins.

### SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	9.7 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

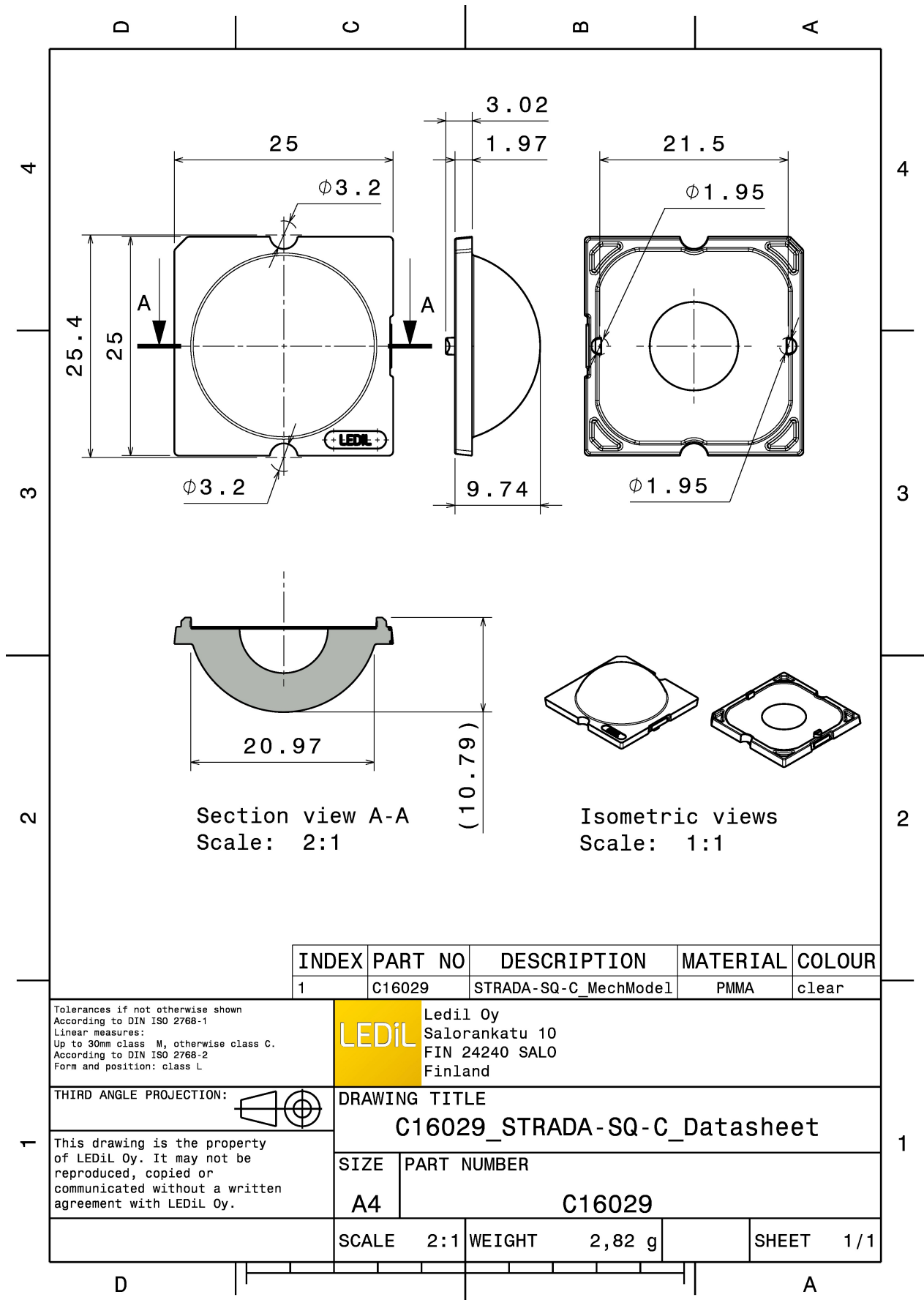


### MATERIALS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C16029_STRADA-SQ-C » Box size: 480 x 280 x 300 mm	2058	294	98	7.8



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C16029	STRADA-SQ-C_MechModel	PMMA	clear

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L

**LEDiL** Ledil Oy  
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THIRD ANGLE PROJECTION:

DRAWING TITLE  
**C16029\_STRADA-SQ-C\_Datasheet**

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SIZE	PART NUMBER
A4	C16029

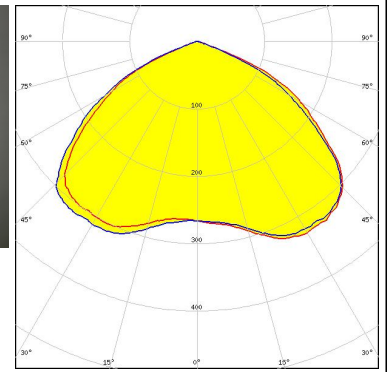
SCALE	2:1	WEIGHT	2,82 g	SHEET	1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

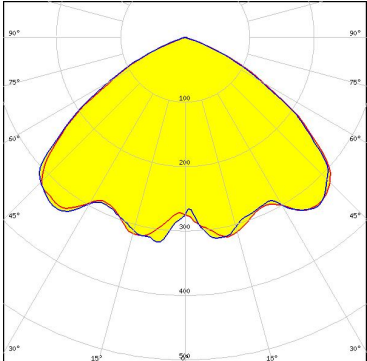
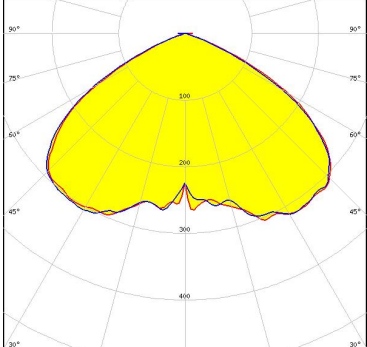
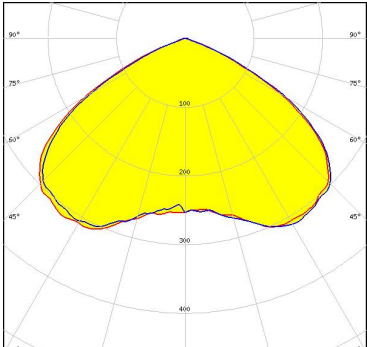
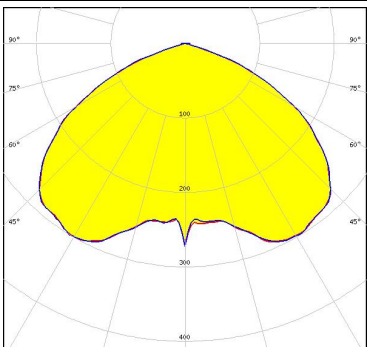
### OPTICAL RESULTS (MEASURED):



LED	LUXEON M/MX
FWHM / FWTM	125.0° / 140.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



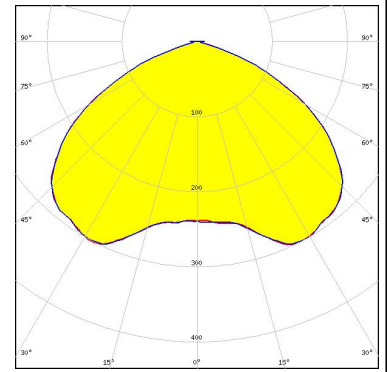
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LEDs</p> <p>LED J Series 2835            FWHM / FWTM 116.0° / 138.0°            Efficiency 96 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED XHP70            FWHM / FWTM 120.0° / 139.0°            Efficiency 96 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED XHP70.3 HD            FWHM / FWTM 121.0 + 120.0° / 139.0 + 138.0°            Efficiency 95 %            Peak intensity 0.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> LEDs</p> <p>LED XP-E2            FWHM / FWTM 124.0° / 144.0°            Efficiency 96 %            Peak intensity 0.3 cd/lm            LEDs/each optic 4            Light colour Red            Required components:</p>	

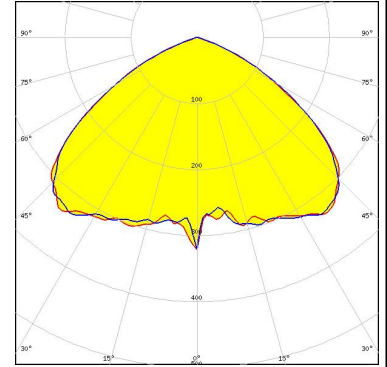
#### OPTICAL RESULTS (SIMULATED):



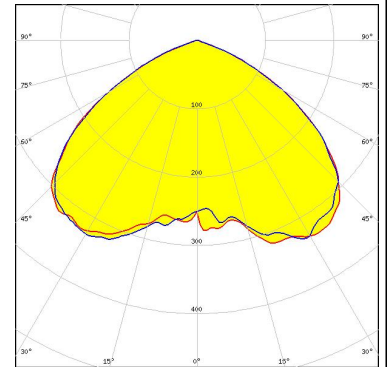
LED XP-G3  
 FWHM / FWTM 122.0° / 144.0°  
 Efficiency 96 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



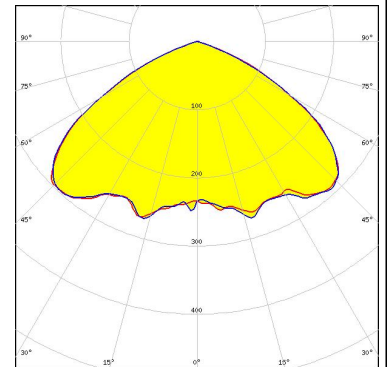
LED LUXEON 5050 Round LES  
 FWHM / FWTM 107.0° / 133.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON 7070  
 FWHM / FWTM 117.0° / 140.0°  
 Efficiency 96 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSW519A  
 FWHM / FWTM 121.0 + 122.0° / 140.0°  
 Efficiency 94 %  
 Peak intensity 0.3 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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