

## 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 ⓘ

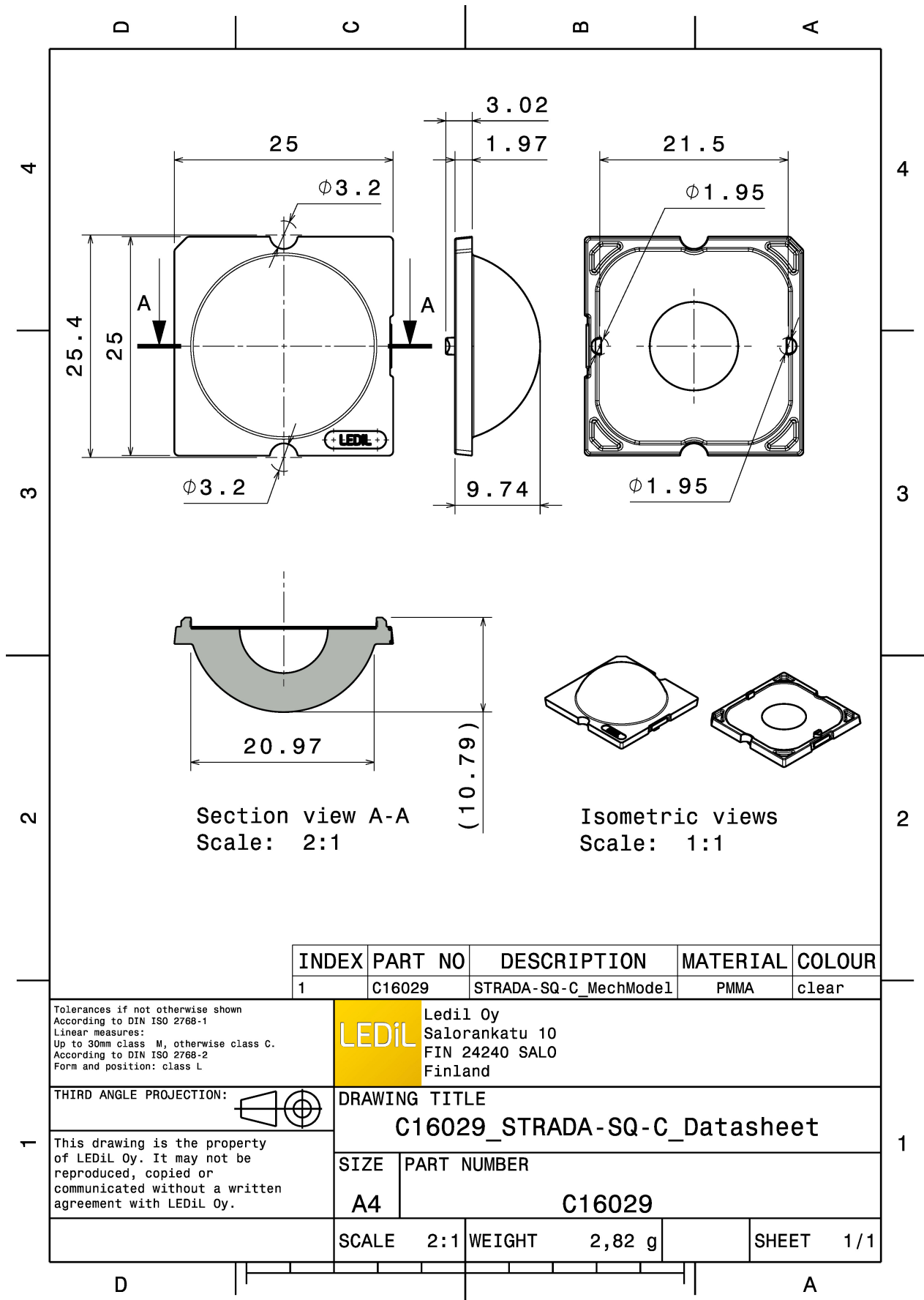


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADA-SQ-C	Single lens	PMMA	clear		25.0

### 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



Section view A-A  
Scale: 2:1

Isometric views  
Scale: 1:1

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  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

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

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SIZE	PART NUMBER
A4	C16029

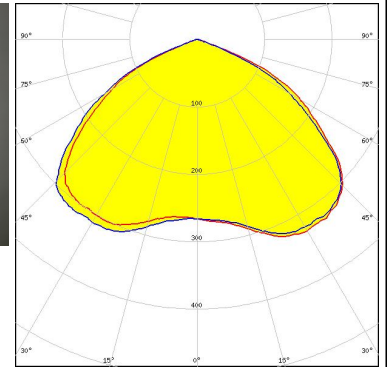
SCALE	2:1	WEIGHT	2,82 g	SHEET	1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### 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/type	White
Required components:	

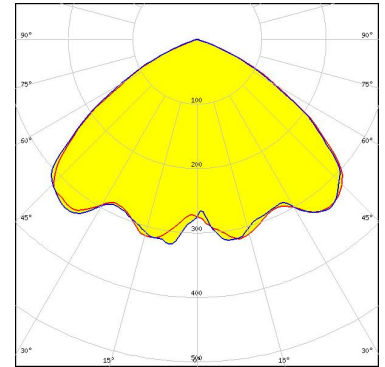


Light distribution files

### OPTICAL RESULTS (SIMULATED):



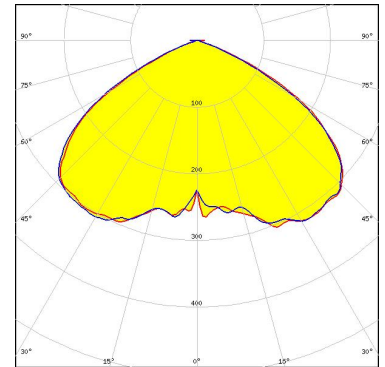
LED J Series 2835  
FWHM / FWTM 116.0° / 138.0°  
Efficiency 96 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



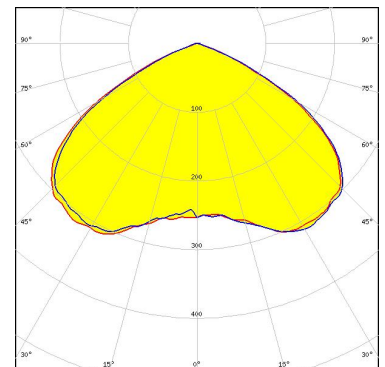
LED XHP70  
FWHM / FWTM 120.0° / 139.0°  
Efficiency 96 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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/type White  
Required components:

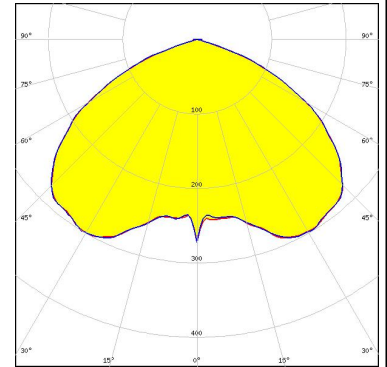


Light distribution files

### OPTICAL RESULTS (SIMULATED):



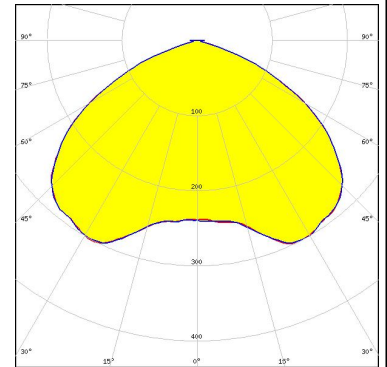
LED XP-E2  
FWHM / FWTM 124.0° / 144.0°  
Efficiency 96 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 4  
Light colour/type Red  
Required components:



Light distribution files



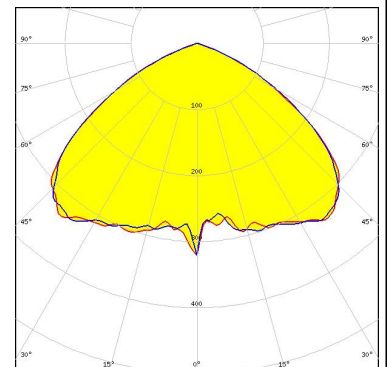
LED XP-G3  
FWHM / FWTM 122.0° / 144.0°  
Efficiency 96 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files



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/type White  
Required components:

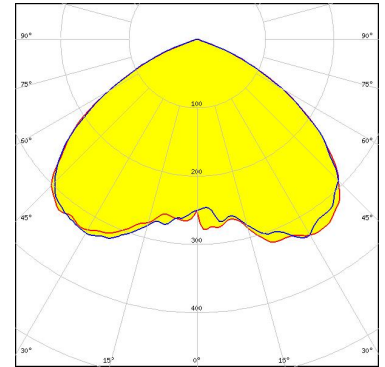


Light distribution files

### OPTICAL RESULTS (SIMULATED):



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

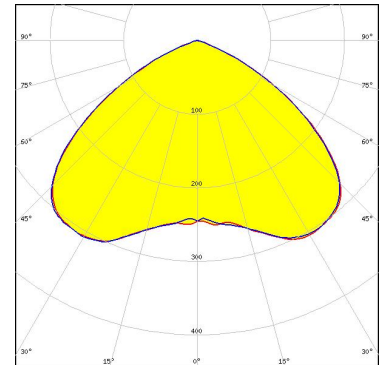


Light distribution files



LED MP 7070  
FWHM / FWTM 114.0° / 137.0°  
Efficiency 87 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

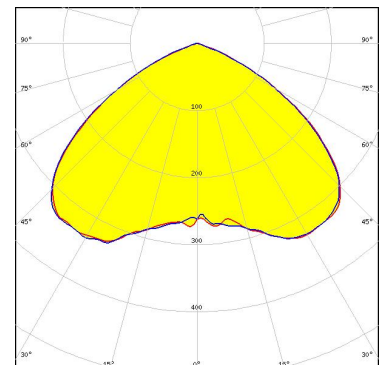
Protective plate, glass



Light distribution files



LED MP 7070  
FWHM / FWTM 116.0° / 138.0°  
Efficiency 96 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

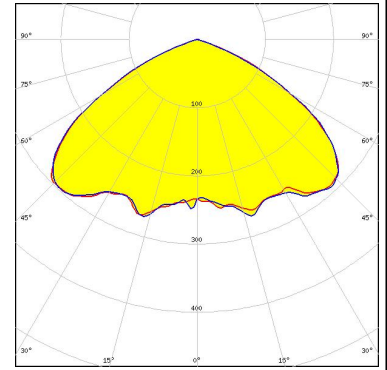


Light distribution files

### OPTICAL RESULTS (SIMULATED):



LED NVSW519A  
FWHM / FWTM 121.0 + 122.0° / 140.0°  
Efficiency 94 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### 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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