

STRADA-SQ-FS3-NP

Forward throw beam optimized for European tunnels, resulting in extremely efficient lighting with counter-beam method. Version without location pins. Assembly with installation tape.

SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	16.3 mm
Fastening	tape
ROHS compliant	yes ⓘ

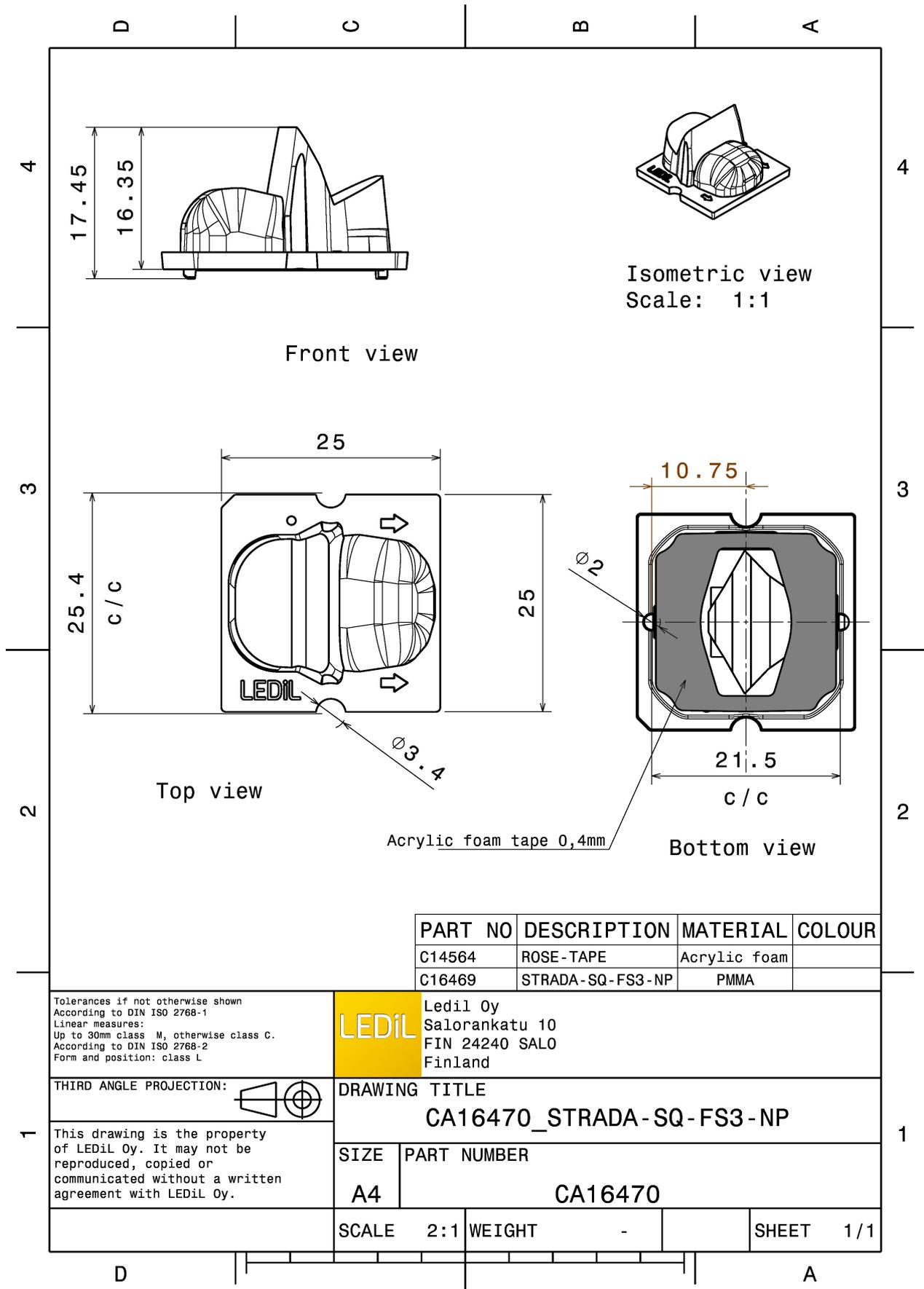


MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-SQ-FS3-NP	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16470_STRADA-SQ-FS3-NP » Box size: 480 x 280 x 300 mm	Single lens	1470	294	98	7.7



PART NO	DESCRIPTION	MATERIAL	COLOUR
C14564	ROSE-TAPE	Acrylic foam	
C16469	STRADA-SQ-FS3-NP	PMMA	

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

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THIRD ANGLE PROJECTION:

DRAWING TITLE
CA16470_STRADA-SQ-FS3-NP

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SIZE	PART NUMBER
A4	CA16470

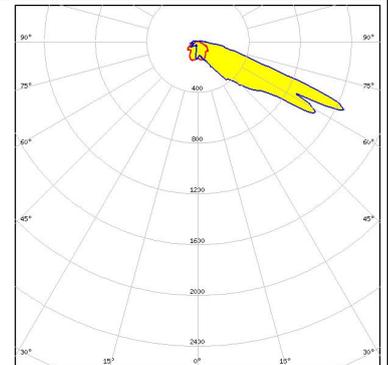
SCALE	2:1	WEIGHT	-	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

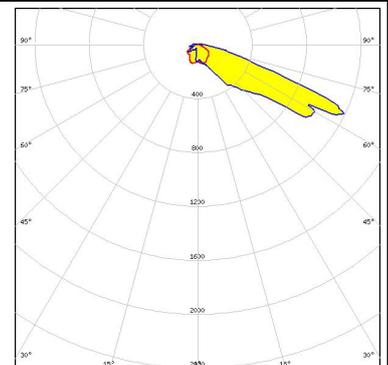
OPTICAL RESULTS (MEASURED):



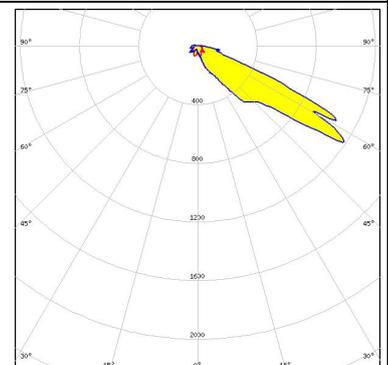
LED MK-R
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON M/MX
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON MZ
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S10
 FWHM / FWTM Asymmetric
 Efficiency 86 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

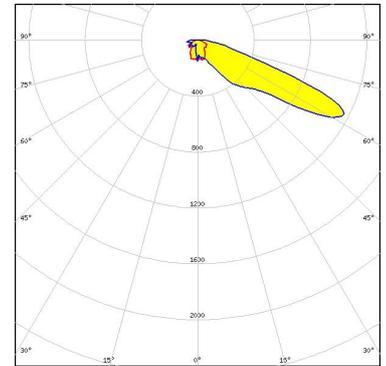
OPTICAL RESULTS (SIMULATED):

CREE → LED

LED XHP50.2
 FWHM / FWTM Asymmetric
 Efficiency 80 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

LED XHP50.2
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

LED XHP70
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

LED XM-L2
 FWHM / FWTM Asymmetric
 Efficiency 88 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (SIMULATED):

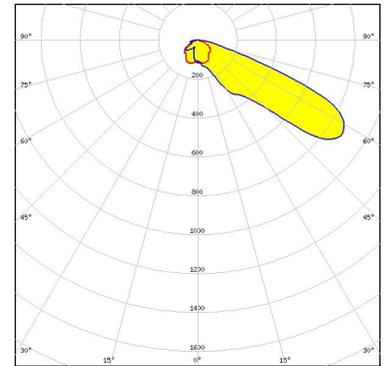
CREE LED

LED XT-E
FWHM / FWTM Asymmetric
Efficiency 87 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

LUMILEDS

LED LUXEON 7070
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass



OSRAM Opto Semiconductors

LED OSCONIQ P 7070
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM Opto Semiconductors

LED OSCONIQ P 7070
FWHM / FWTM Asymmetric
Efficiency 85 %
Peak intensity 1.4 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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