STRADA-SQ-T4-B

Wide IESNA Type IV beam with forward-throw beam for wide area lighting like car parks. Assembly with tape.



SPECIFICATION:

Dimensions	25.0 x 25.0 mm
Height	11.9 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish
STRADA-SQ-T4-B	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16249_STRADA-SQ-T4-B » Box size: 480 x 280 x 300 mm	Single lens	2058		98	10.5

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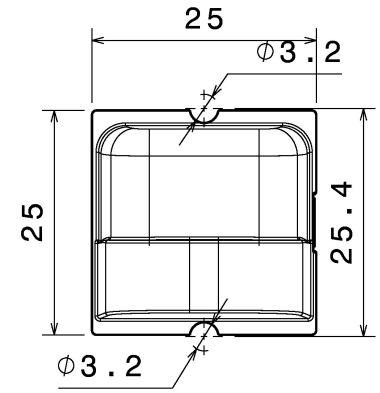
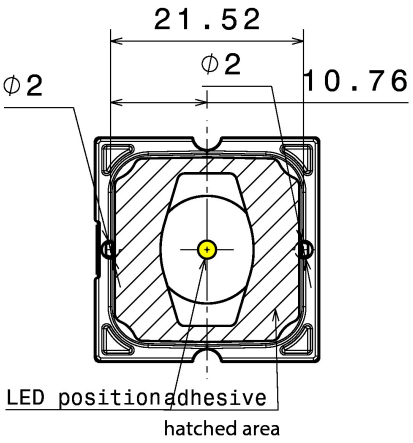
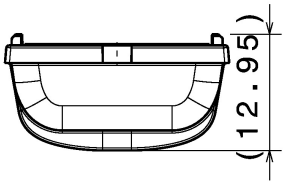
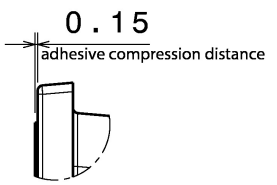
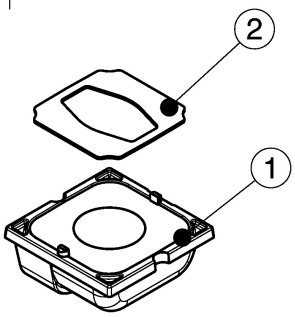




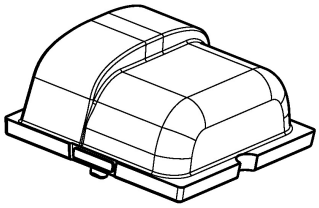




Detail A
Scale: 3:1



Exploded view
Scale 1:1



Isometric view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C16248	STRADA-SQ-T4-B_Mechanicalmodel	PMMA	clear
2	C14564	ROSE-TAPE	Acrylic foam tape	adhesive

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

FIRST ANGLE PROJECTION:

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Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
CA16249_STRADA-SQ-T4-B

SIZE A4 | PART NUMBER CA16249

SCALE 2:1 | WEIGHT - | SHEET 1/1

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

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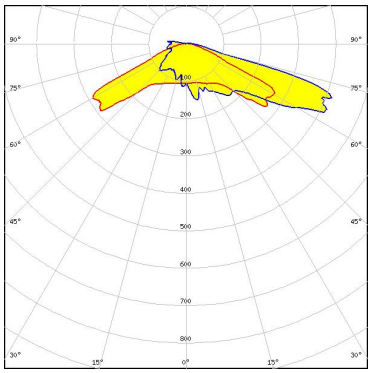
OPTICAL RESULTS (MEASURED):

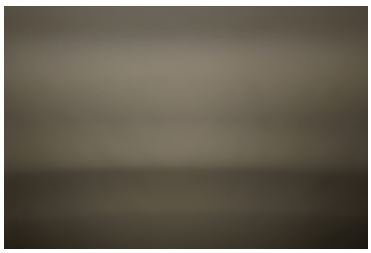
CREE LEDs

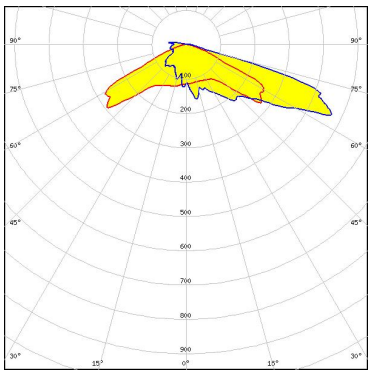
LED	XHP50
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





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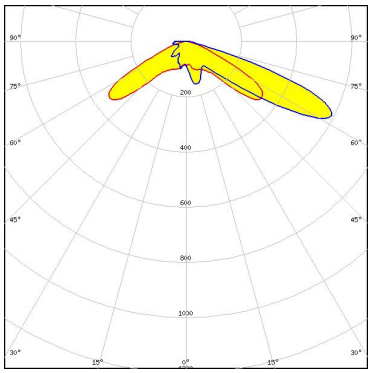
OPTICAL RESULTS (SIMULATED):

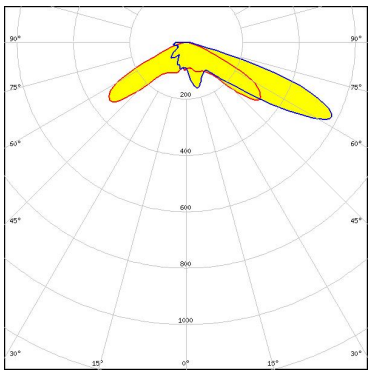
CREE LEDs

LED	J Series 5050 Round LES
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



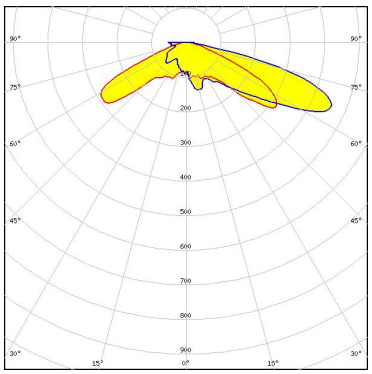
CREE LEDs

LED	J Series 5050B 6V K Class
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



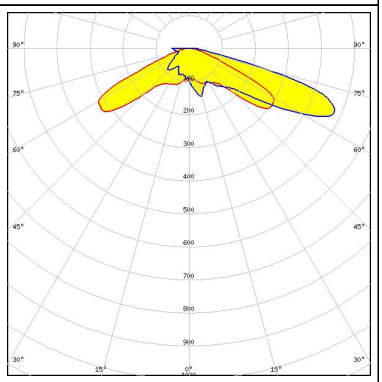
CREE LEDs

LED	MHB-A/B
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

LED	XHP50.3 HD
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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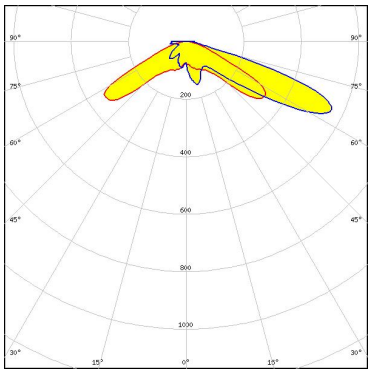
OPTICAL RESULTS (SIMULATED):

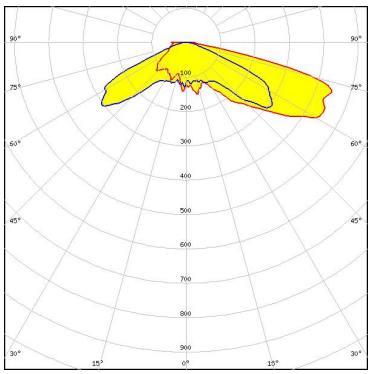
CREE LEDs

LED	XHP50.3 HI
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



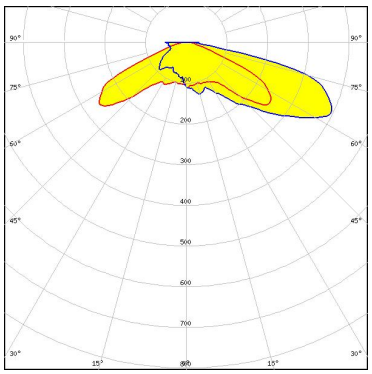
CREE LEDs

LED	XHP70
FWHM / FWTM	117.0 + 60.0° / 137.0 + 139.0°
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



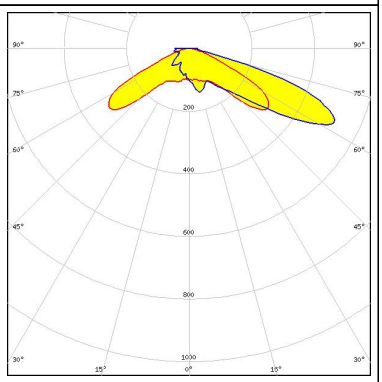
CREE LEDs

LED	XHP70.3 HD
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

LED	XHP70.3 HI
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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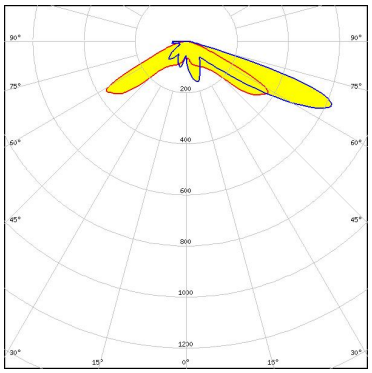
OPTICAL RESULTS (SIMULATED):

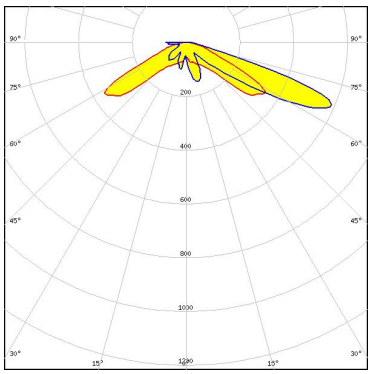
CREE LEDs

LED	XM-L2
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

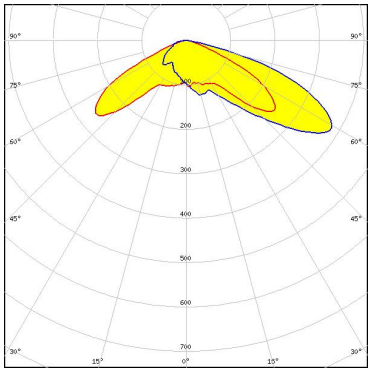
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	Asymmetric
Efficiency	76 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

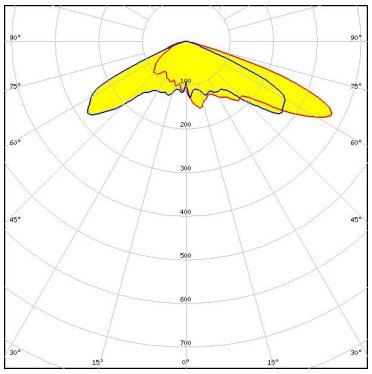
Protective plate, glass



LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



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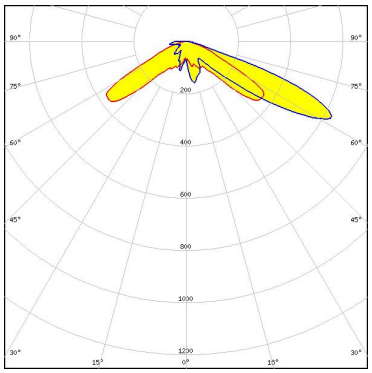
OPTICAL RESULTS (SIMULATED):

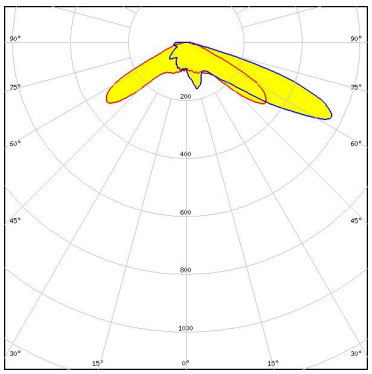
LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



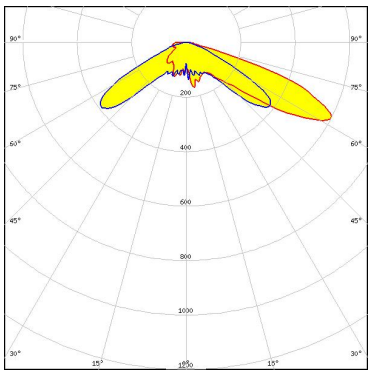
NICHIA

LED	NFMW48xA
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



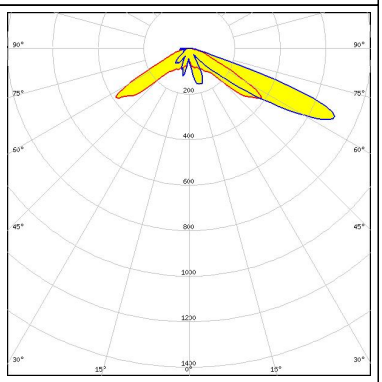
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	Asymmetric
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	OSCONIQ P 3737 (2W version)
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



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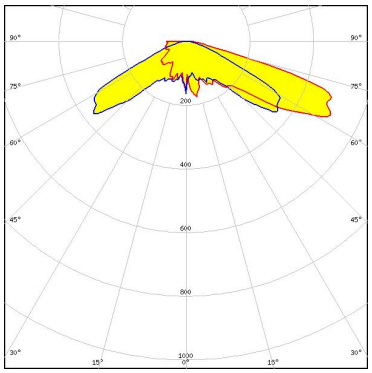
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	Asymmetric
Efficiency	91 %
LEDs/each optic	1
Light colour	White
Required components:	



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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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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