STRADA-SQ-C

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

SPECIFICATION:

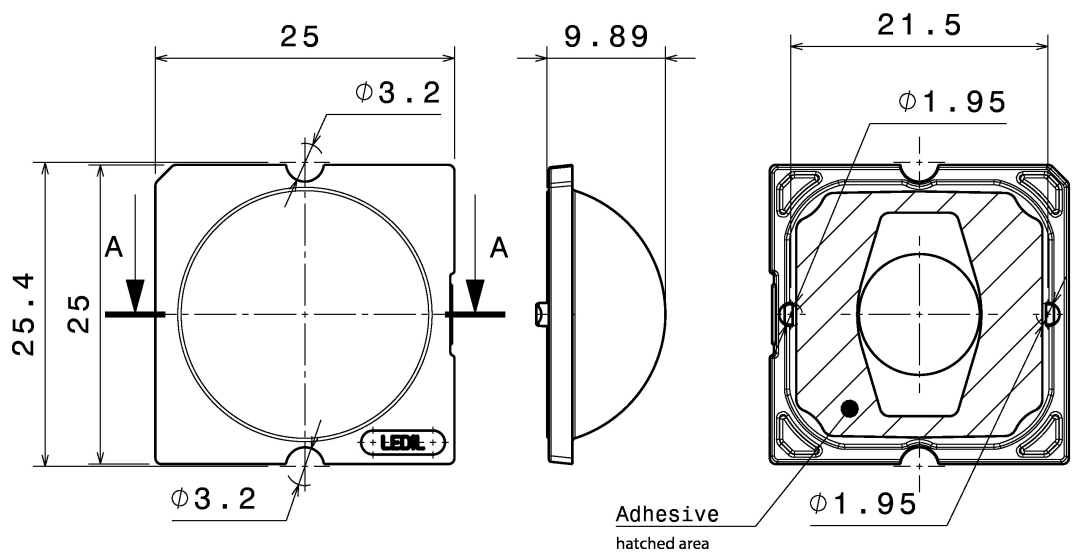
Dimensions	25.0 x 25.0 mm
Height	9.9 mm
Fastening	tape, pin
ROHS compliant	yes

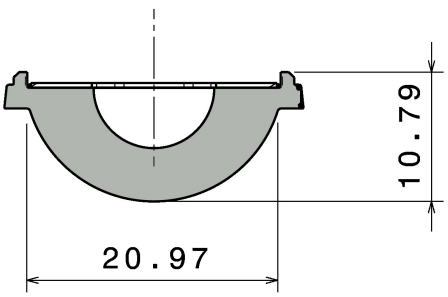
MATERIALS:

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

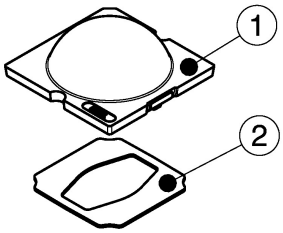
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16031_STRADA-SQ-C » Box size: 476 x 273 x 292 mm	Single lens	2058	294	98	8.1





Section view A-A
Scale: 2:1



Exploded view
Scale: 1:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C16029	STRADA-SQ-C_MechModel	PMMA	clear
2	C14564	ROSE-TAPE	Acrylic foam	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

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

FIRST ANGLE PROJECTION:

DRAWING TITLE
CA16031_STRADA-SQ-C_Datasheet

SIZE A4 | PART NUMBER CA16031

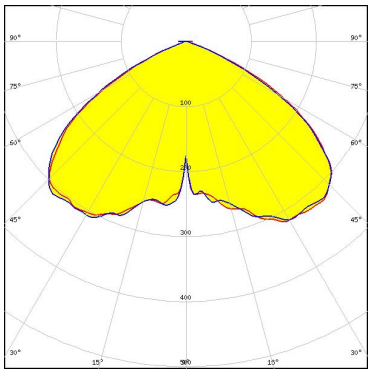
SCALE 2:1 | WEIGHT 2,91 g | SHEET 1/1

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

OPTICAL RESULTS (SIMULATED):

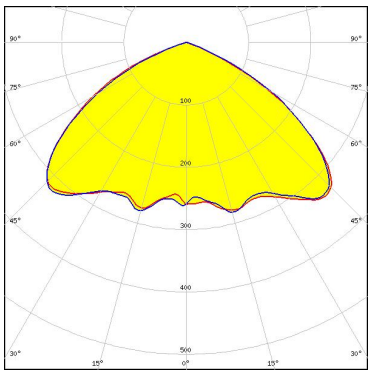
CREE LEDs

LED	XHP70
FWHM / FWTM	120.0° / 138.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



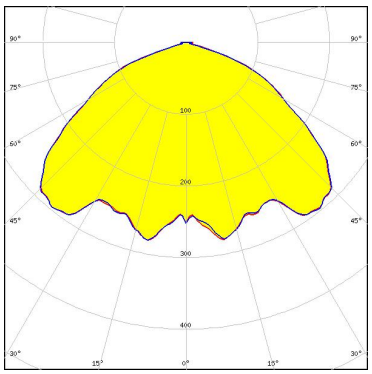
CREE LEDs

LED	XM-L2
FWHM / FWTM	119.0° / 139.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



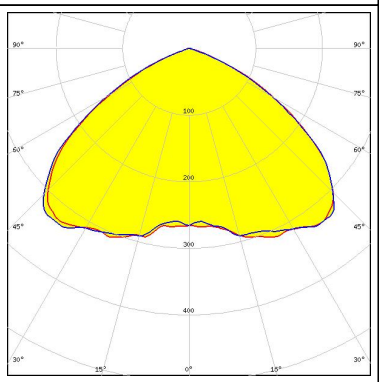
CREE LEDs

LED	XT-E
FWHM / FWTM	122.0° / 146.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	116.0° / 138.0°
Efficiency	96 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

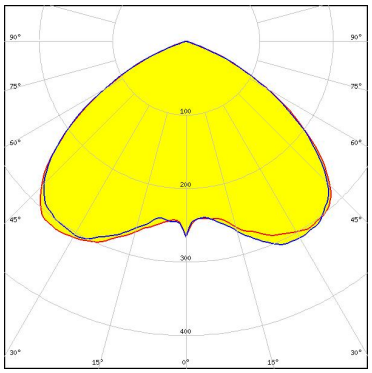


OPTICAL RESULTS (SIMULATED):

LUMILEDS

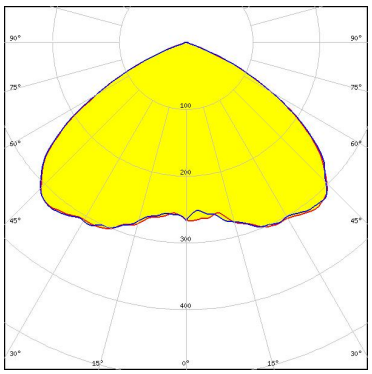
LED	LUXEON 7070
FWHM / FWTM	115.0° / 138.0°
Efficiency	88 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



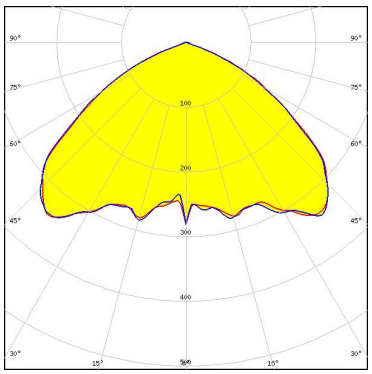
LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	119.0° / 138.0°
Efficiency	95 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	116.0° / 138.0°
Efficiency	96 %
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:

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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