STRADA-SQ-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Version with location pins. Assembly with installation tape.

SPECIFICATION:

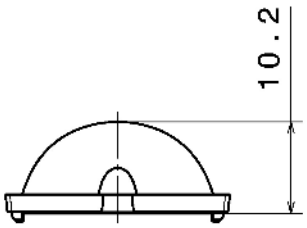
Dimensions	25.0 x 25.0 mm
Height	10.1 mm
Fastening	tape, pin, screw
ROHS compliant	yes

MATERIALS:

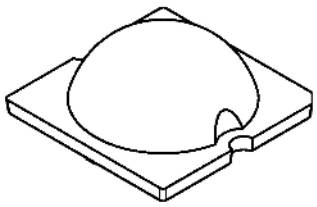
Component	Type	Material	Colour	Finish
STRADA-SQ-CY	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

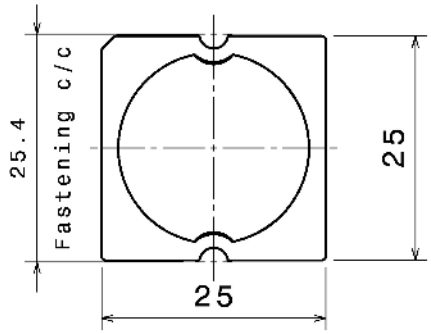
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14219_STRADA-SQ-CY » Box size: 480 x 280 x 300 mm	Single lens	2058		98	7.8



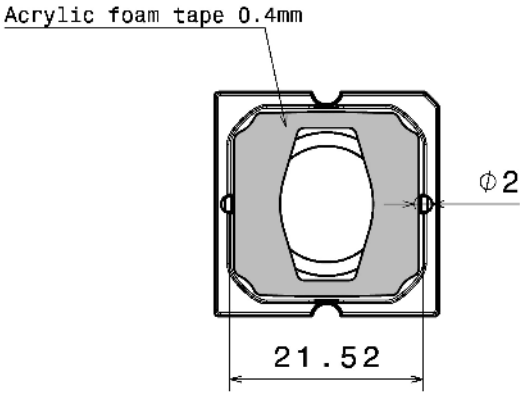
Front view



Isometric view



Top view



Bottom view

PART NO	DESCRIPTION	MATERIAL	COLOUR
C13866	STRADA-SQ-CY	PMMA	
C14564	ROSE-TAPE	Acrylic foam	

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

THIRD ANGLE PROJECTION:

DRAWING TITLE
CA14219_STRADA-SQ-CY

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SIZE A4 | PART NUMBER CA14219

SCALE 3:2 | WEIGHT 3,1 g | SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LED

LED	MHD-E/G
FWHM / FWTM	117.0 + 115.0° / 138.0 + 133.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE LED

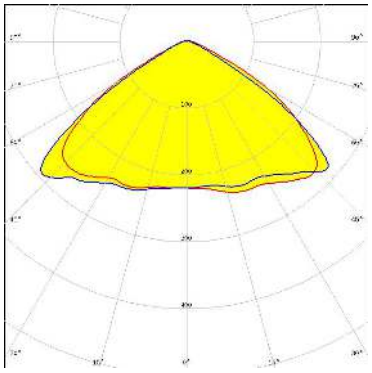
LED	MK-R
FWHM / FWTM	118.0 + 115.0° / 274.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

CREE LED

LED	XHP50
FWHM / FWTM	122.0 + 118.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

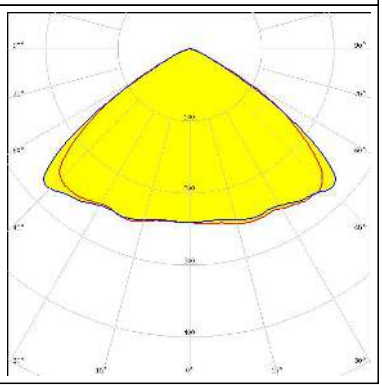


CREE LED

LED	XHP50
FWHM / FWTM	115.0 + 113.0° / 132.0 + 131.0°
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

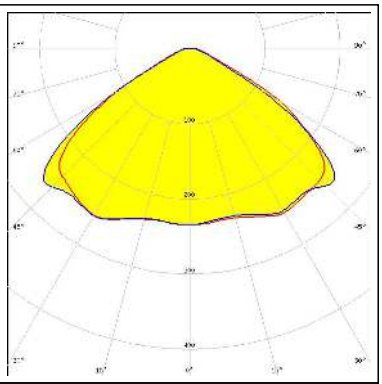
Protective plate, glass



OPTICAL RESULTS (MEASURED):

CREE LED

LED	XHP70
FWHM / FWTM	121.0 + 119.0° / 144.0 + 143.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

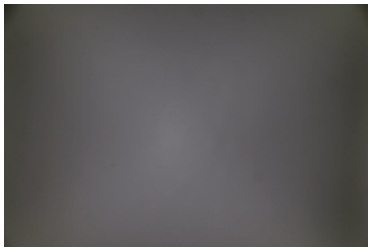


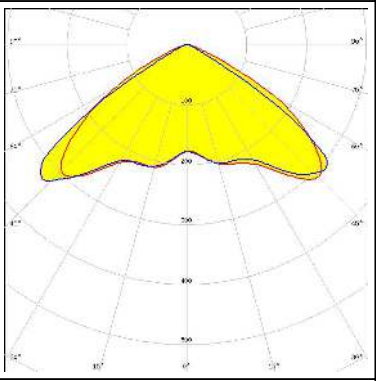
CREE LED

LED	XM-L
FWHM / FWTM	122.0 + 116.0° / 270.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LED

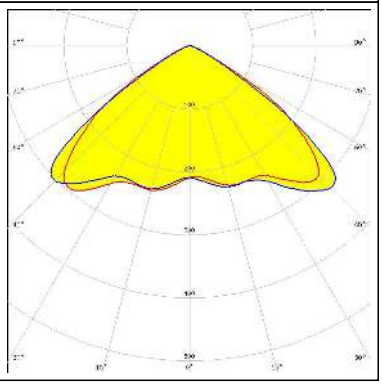
LED	XP-L HD
FWHM / FWTM	118.0 + 127.0° / 136.0 + 148.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





CREE LED

LED	XP-L2
FWHM / FWTM	118.0 + 115.0° / 136.0 + 133.0°
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



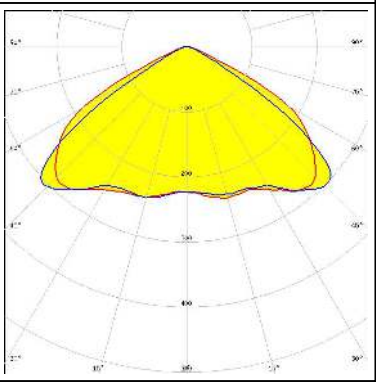
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	120.0 + 115.0° / 271.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

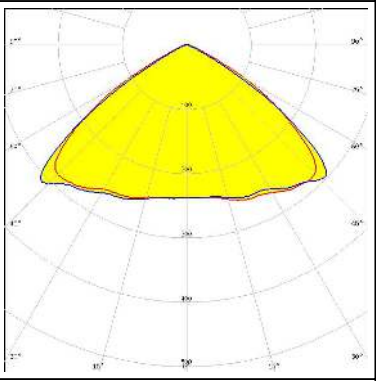
LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	127.0 + 118.0° / 144.0 + 137.0°
Efficiency	94 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



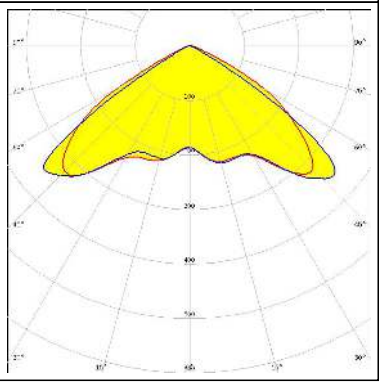
LUMILEDS

LED	LUXEON XR-M Linear (L2M0-xxxx003MC3300)
FWHM / FWTM	118.0 + 115.0° / 135.0 + 130.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

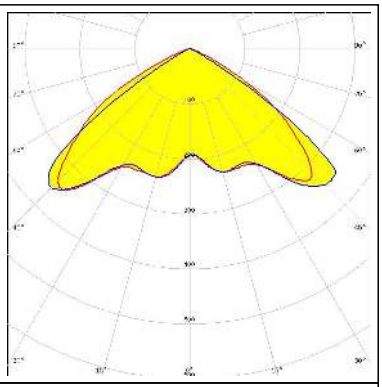
LED	NVSW319B
FWHM / FWTM	125.0 + 117.0° / 141.0 + 131.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (MEASURED):

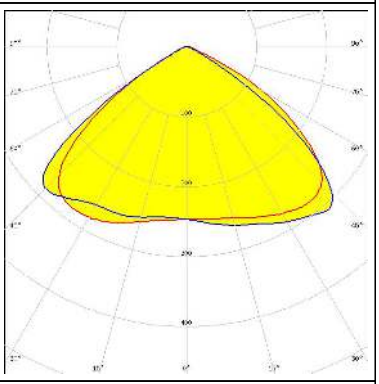
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	124.0 + 115.0° / 141.0 + 128.0°
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



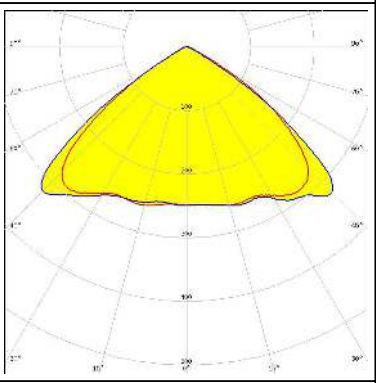
OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	116.0 + 113.0° / 132.0 + 128.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



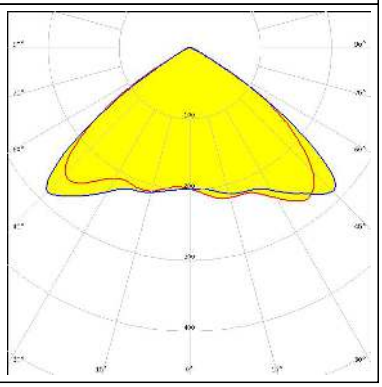
OSRAM
Opto Semiconductors

LED	Duris S8
FWHM / FWTM	112.0° / 126.0°
Efficiency	93 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

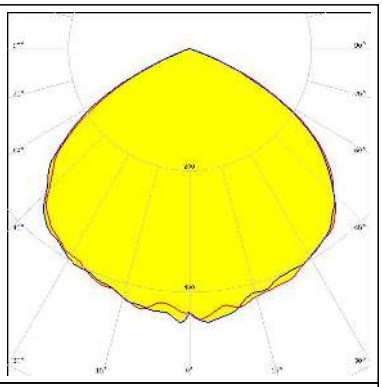
LED	LH508A
FWHM / FWTM	114.0 + 113.0° / 127.0°
Efficiency	79 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

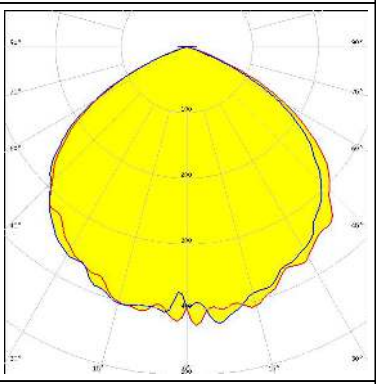
CREE LED

LED	J Series 2835
FWHM / FWTM	113.0° / 136.0°
Efficiency	98 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



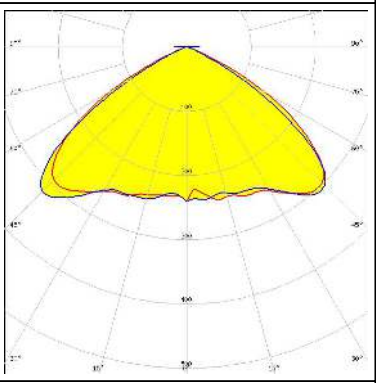
CREE LED

LED	MHB-A/B
FWHM / FWTM	112.0° / 138.0°
Efficiency	98 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



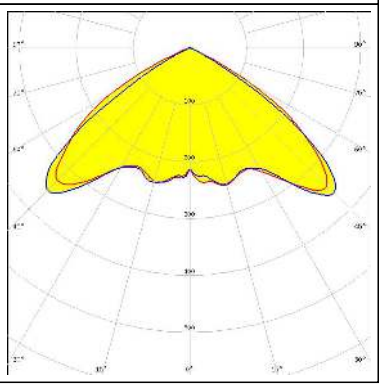
CREE LED

LED	XHP50.2
FWHM / FWTM	101.0 + 107.0° / 122.0 + 125.0°
Efficiency	94 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XM-L2
FWHM / FWTM	114.0° / 128.0°
Efficiency	96 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

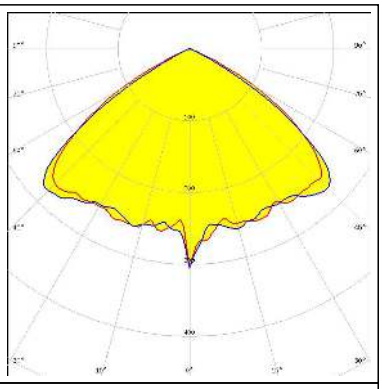


OPTICAL RESULTS (SIMULATED):

LUMILEDS

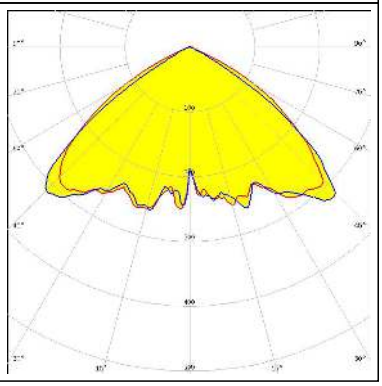
LED	LUXEON M/MX
FWHM / FWTM	97.0 + 106.0° / 118.0 + 123.0°
Efficiency	88 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

Protective plate, glass



OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	115.0° / 130.0°
Efficiency	92 %
Peak intensity	0.5 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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