STRADA-DW

Soft wide beam with good illuminance uniformity optimized for CREE XP-G and XP-E. Assembly with installation tape.

SPECIFICATION:

Dimensions	19.6 x 15.5 mm
Height	9 mm
Fastening	tape, pin, screw
ROHS compliant	yes

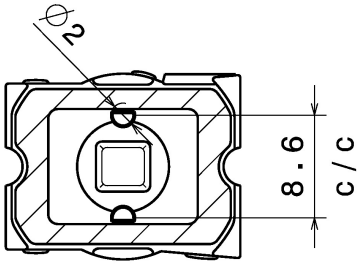
MATERIALS:

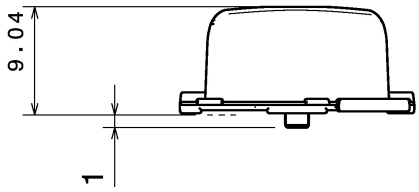
Component	Type	Material	Colour	Finish
STRADA-DW	Single lens	PMMA	clear	
VOSU-WU-M-365-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:

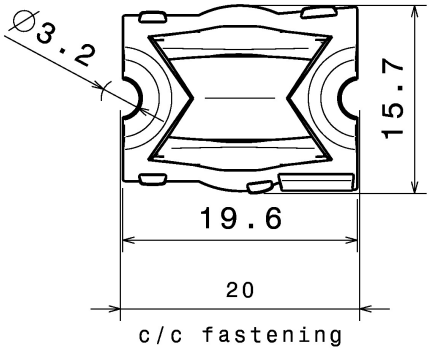
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11256_STRADA-DW » Box size: 451 x 273 x 197 mm	Single lens	3120	240	240	4.3

Isometric view
Scale: 1:1





Front view



Top view

Material:
lens PMMA
tape PU foam with PSA

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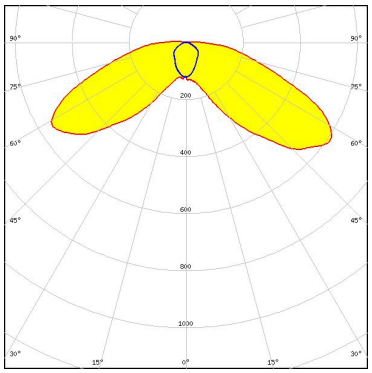
DRAWN BY: p	DATE: 14.01.2010	DRAWING TITLE: Datasheet Strada-DW assy		
CHECKED BY: t k	DATE: 01.12.2009	SIZE: A4	DRAWING NUMBER: CA11256	REV: 1
DESIGNED BY: hh	DATE: 01.12.2009	SCALE: 2:1	WEIGHT(g):	SHEET: 1/1

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

OPTICAL RESULTS (MEASURED):

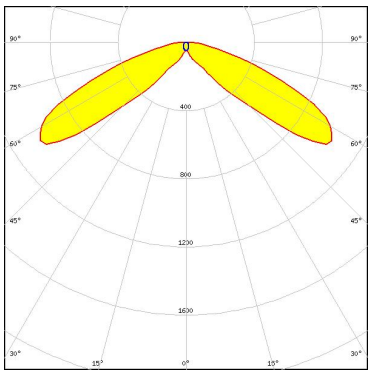
bridgelux

LED	Bridgelux SMD 5050
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



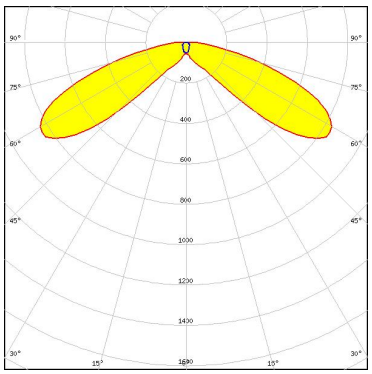
CREE LEDs

LED	XP-E
FWHM / FWTM	90.0 + 140.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LEDs

LED	XP-G
FWHM / FWTM	88.0 + 148.0°
Efficiency	92 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON A
FWHM / FWTM	86.0 + 140.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED	LUXEON Rebel
FWHM / FWTM	86.0 + 140.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

LUMILEDS

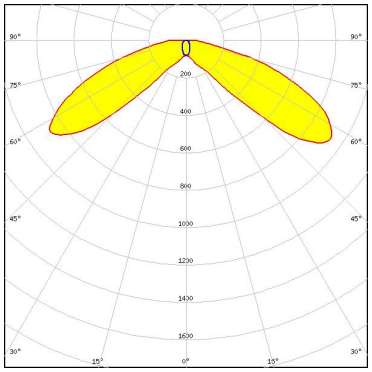
LED	LUXEON Rebel ES
FWHM / FWTM	86.0 + 140.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White

Required components:

LUMILEDS

LED	LUXEON T
FWHM / FWTM	86.0 + 144.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

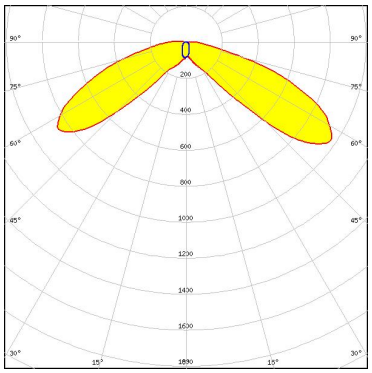
Required components:



LUMILEDS

LED	LUXEON TX
FWHM / FWTM	54.0 + 144.0° / 162.0 + 174.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



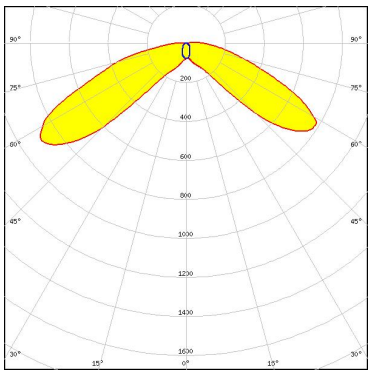
OPTICAL RESULTS (MEASURED):

NICHIA

LED	NCSxx19A
FWHM / FWTM	86.0 + 148.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

NICHIA

LED	NVSW219D
FWHM / FWTM	141.0 + 57.0° / 176.0 + 149.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NVSxx19A
FWHM / FWTM	86.0 + 148.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM
Opto Semiconductors

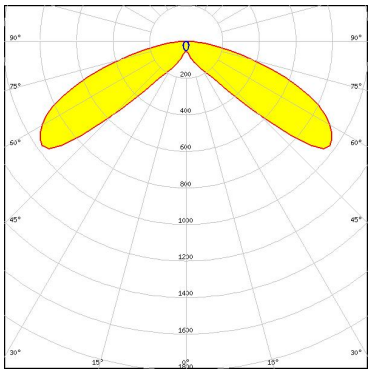
LED	OSLON SSL 150
FWHM / FWTM	92.0 + 142.0°
Efficiency	92 %
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	92.0 + 142.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

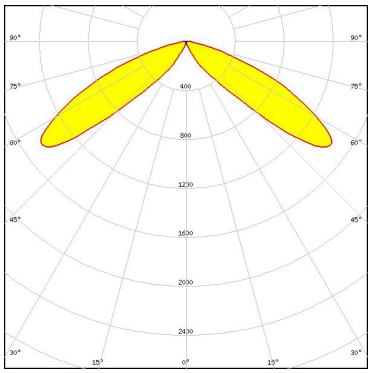
Required components:



OPTICAL RESULTS (SIMULATED):

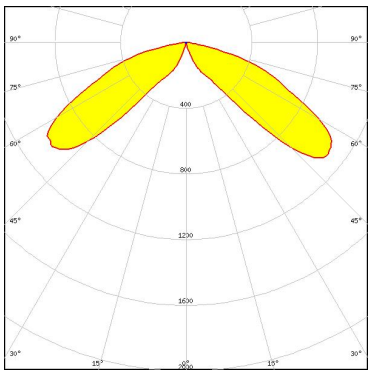
CREE LEDs

LED	XP-E2
FWHM / FWTM	87.0 + 135.0° / 54.0 + 156.0°
Efficiency	94 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



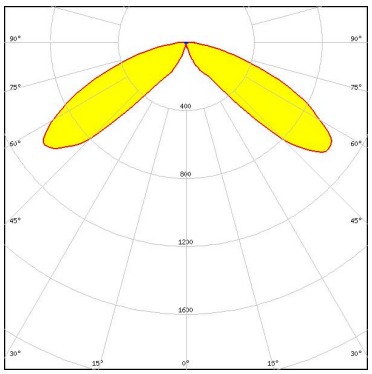
LUMILEDS

LED	LUXEON H50-2
FWHM / FWTM	80.0 + 136.0° / 38.0 + 160.0°
Efficiency	93 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



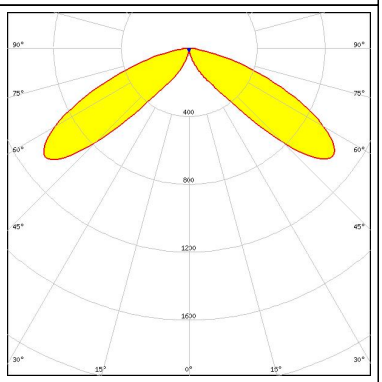
NICHIA

LED	NVSxx19B/NVSxx19C
FWHM / FWTM	80.0 + 140.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351B
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	86.0 + 141.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	86.0 + 141.0°
Efficiency	%
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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