

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 ⓘ

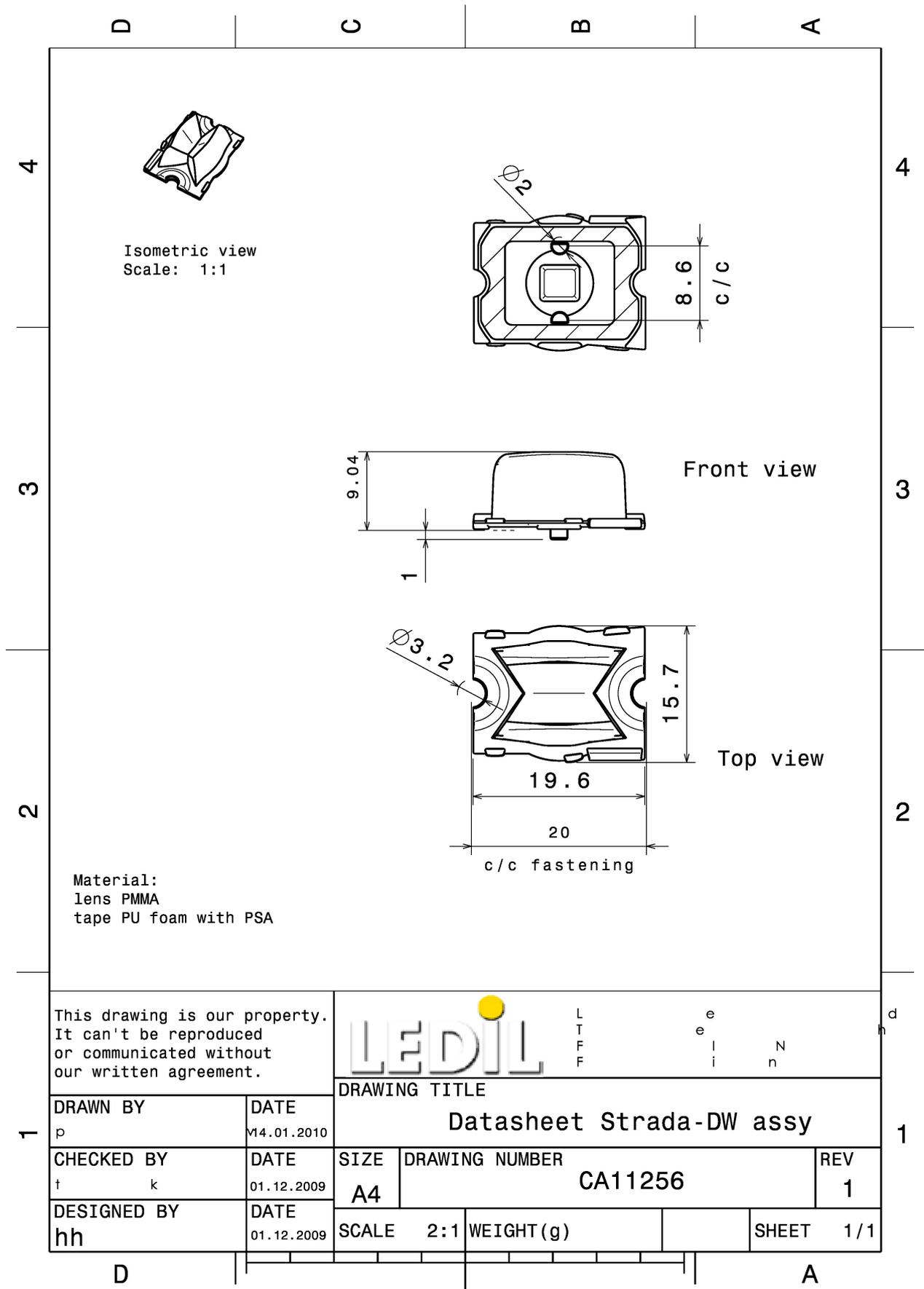


MATERIALS:

Component	Type	Material	Colour	Finish	Length
STRADA-DW	Single lens	PMMA	clear		19.6
VOSU-WU-M-365-TAPE	Tape	Acrylic foam			18.0

ORDERING INFORMATION:

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

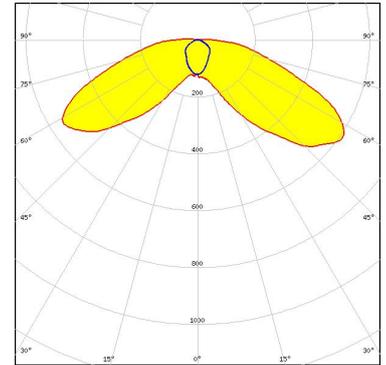


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



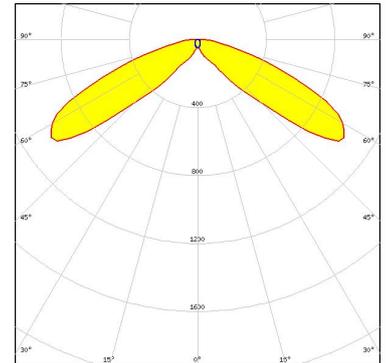
LED Bridgelux SMD 5050
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



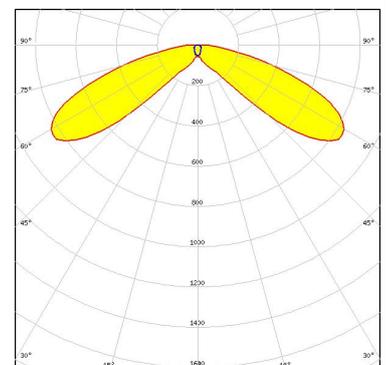
LED XP-E
FWHM / FWTM 90.0 + 140.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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



Light distribution files

OPTICAL RESULTS (MEASURED):



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

[Light distribution files](#)



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

[Light distribution files](#)



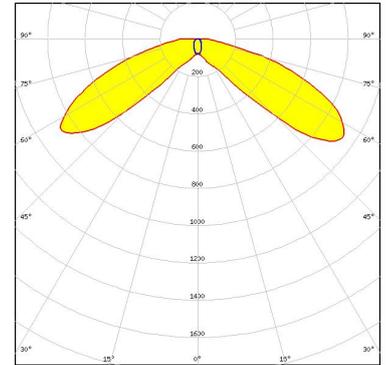
LED LUXEON Rebel ES
FWHM / FWTM 86.0 + 140.0°
Efficiency 92 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

OPTICAL RESULTS (MEASURED):



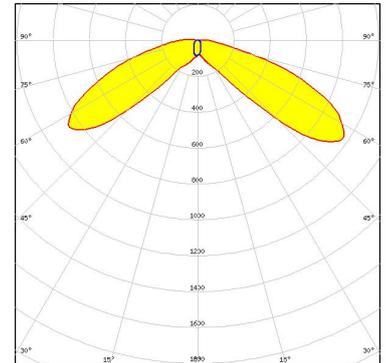
LED LUXEON T
FWHM / FWTM 86.0 + 144.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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/type White
Required components:



Light distribution files



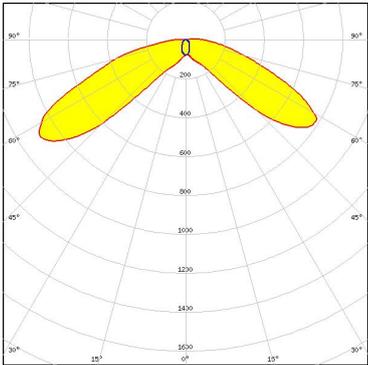
LED NCSxx19A
FWHM / FWTM 86.0 + 148.0°
Efficiency 92 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):

NICHIA

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



Light distribution files

NICHIA

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

Light distribution files

OSRAM
Opto Semiconductors

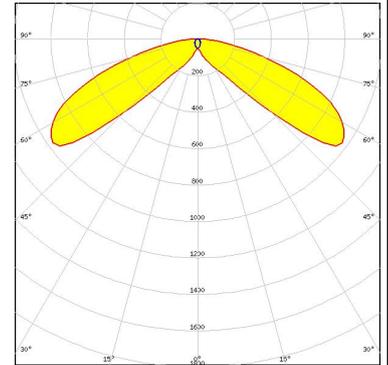
LED	OSLON SSL 150
FWHM / FWTM	92.0 + 142.0°
Efficiency	92 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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/type	White
Required components:	

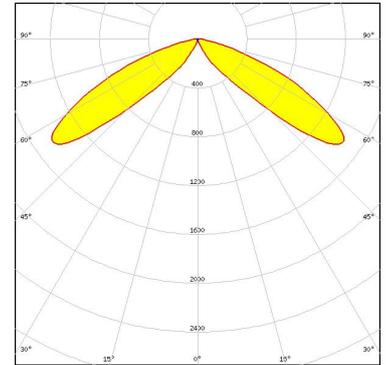


Light distribution files

OPTICAL RESULTS (SIMULATED):



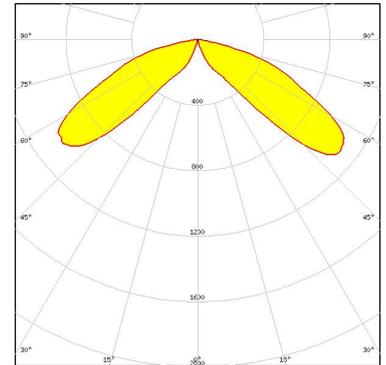
LED XP-E2
FWHM / FWTM 87.0 + 135.0° / 54.0 + 156.0°
Efficiency 94 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



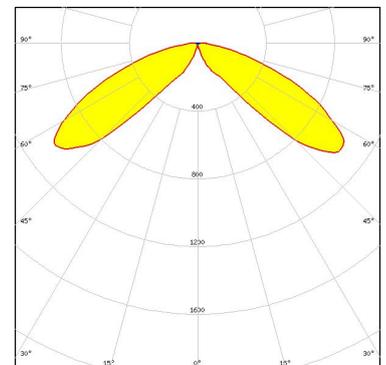
LED LUXEON H50-2
FWHM / FWTM 80.0 + 136.0° / 38.0 + 160.0°
Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

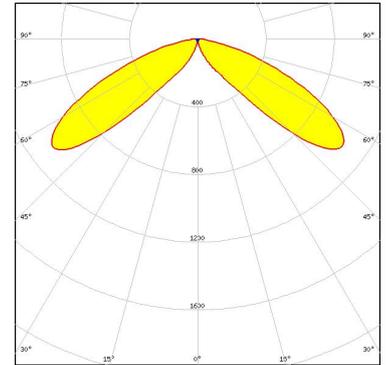


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

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



Light distribution files



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

Light distribution files

SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 86.0 + 141.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

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