

## STRADA-DW

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

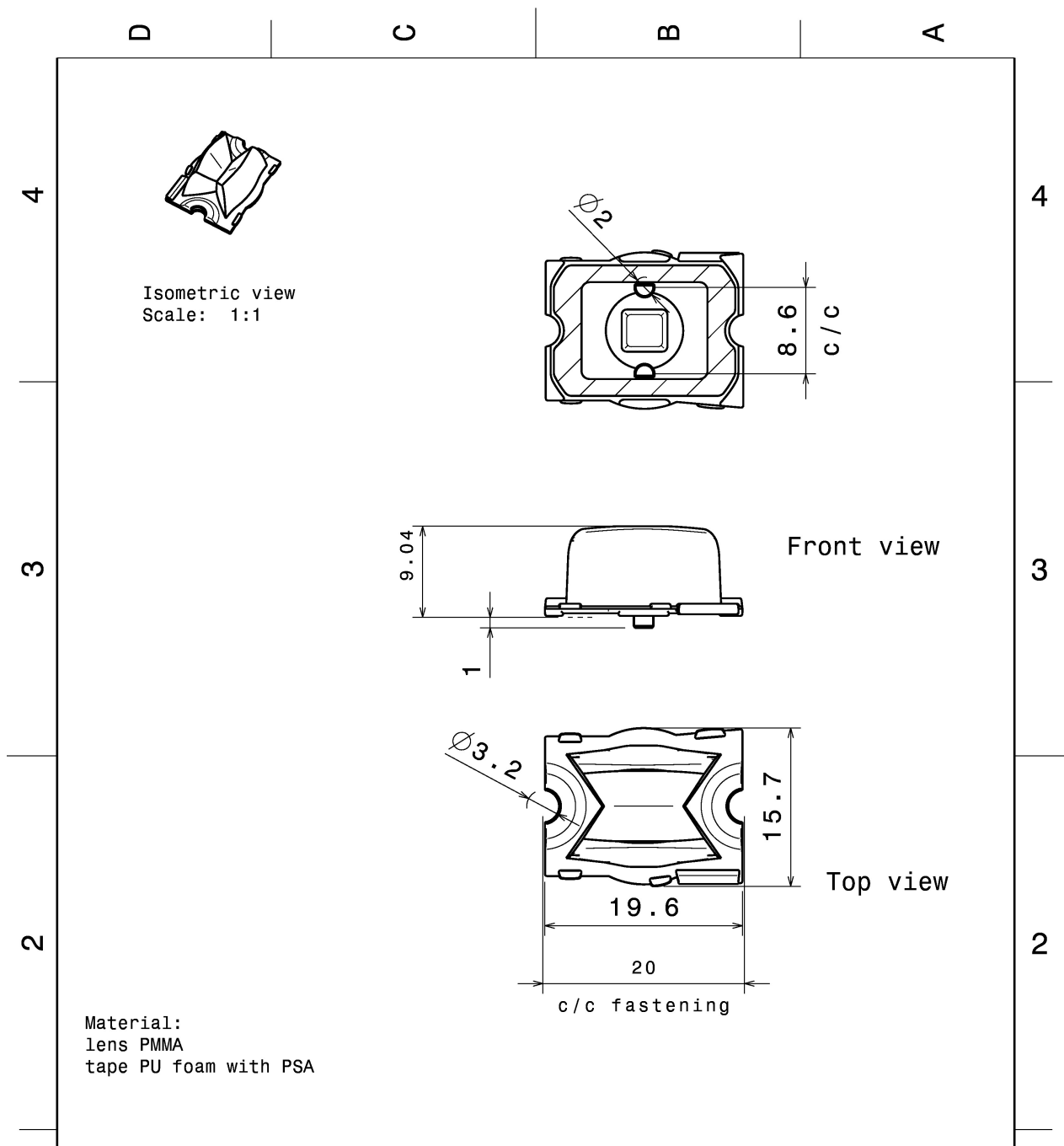
### TECHNICAL SPECIFICATIONS:

Dimensions	19.6 x 15.5 mm
Height	9 mm
Fastening	tape, pin, screw
Colour	clear
Box size	451 x 273 x 197 mm
Box weight	4.3 kg
Quantity in Box	3120 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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



Isometric view  
Scale: 1:1

Front view

Top view

Material:  
lens PMMA  
tape PU foam with PSA

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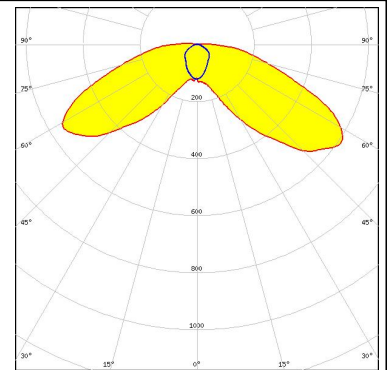
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DRAWN BY p		DATE 14.01.2010	DRAWING TITLE Datasheet Strada-DW assy			
CHECKED BY i k	DATE 01.12.2009	SIZE A4	DRAWING NUMBER CA11256		REV 1	
DESIGNED BY hh	DATE 01.12.2009	SCALE 2:1	WEIGHT (g)	SHEET 1/1		

### PHOTOMETRIC DATA (MEASURED):

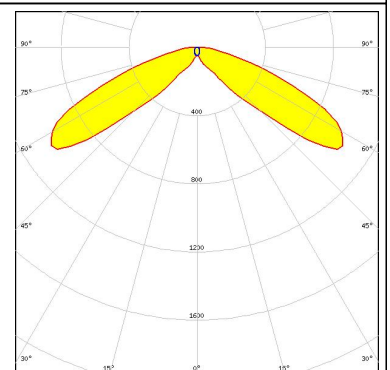
bridgelux

LED Bridgelux SMD 5050  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.610 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



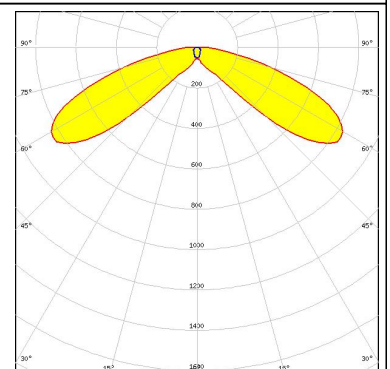
CREE

LED XP-E  
FWHM 90.0 + 140.0°  
Efficiency 92 %  
Peak intensity 1.030 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



CREE

LED XP-G  
FWHM 88.0 + 148.0°  
Efficiency 92 %  
Peak intensity 0.840 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LG Innotek

LED H35C0 (LEMWA33)  
FWHM 86.0 + 147.0°  
Efficiency 94 %  
Peak intensity 0.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

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

#### LUMILEDS

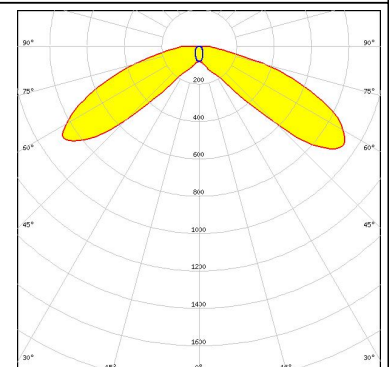
LED LUXEON Rebel  
FWHM 86.0 + 140.0°  
Efficiency 92 %  
Peak intensity 1.010 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### LUMILEDS

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

#### LUMILEDS

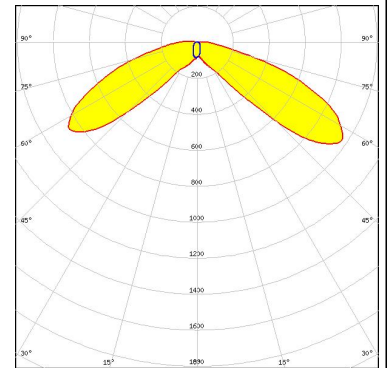
LED LUXEON T  
FWHM 86.0 + 144.0°  
Efficiency 93 %  
Peak intensity 0.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON TX  
FWHM 54.0 + 144.0°  
Efficiency 94 %  
Peak intensity 0.980 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

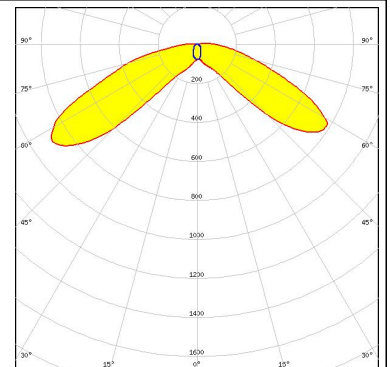


#### NICHIA

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

#### NICHIA

LED NVSW219D  
FWHM 141.0 + 57.0°  
Efficiency 94 %  
Peak intensity 0.890 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

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

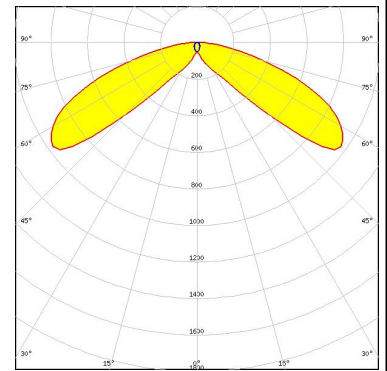
### PHOTOMETRIC DATA (MEASURED):

#### OSRAM Opto Semiconductors

LED Oslon SSL 150  
FWHM 92.0 + 142.0°  
Efficiency 92 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### OSRAM Opto Semiconductors

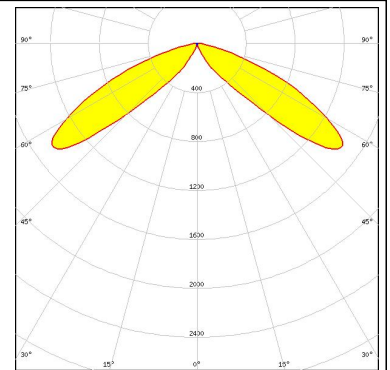
LED Oslon SSL 80  
FWHM 92.0 + 142.0°  
Efficiency 92 %  
Peak intensity 0.970 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



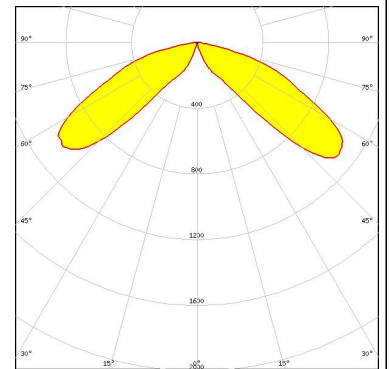
### PHOTOMETRIC DATA (SIMULATED):



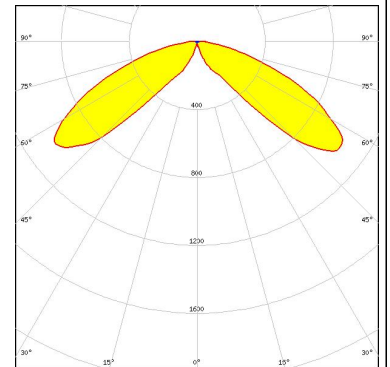
LED XP-E2  
FWHM 87.0 + 135.0°  
Efficiency 94 %  
Peak intensity 1.450 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON H50-2  
FWHM 80.0 + 136.0°  
Efficiency 93 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 80.0 + 140.0°  
Efficiency 94 %  
Peak intensity 1.047 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

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

## PHOTOMETRIC DATA (SIMULATED):

### **SHARP**

LED	Double Dome (GM2BB)
FWHM	86.0 + 141.0°
Efficiency	%
Peak intensity	cd/m
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:

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