

## 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
ROHS compliant	yes ⓘ

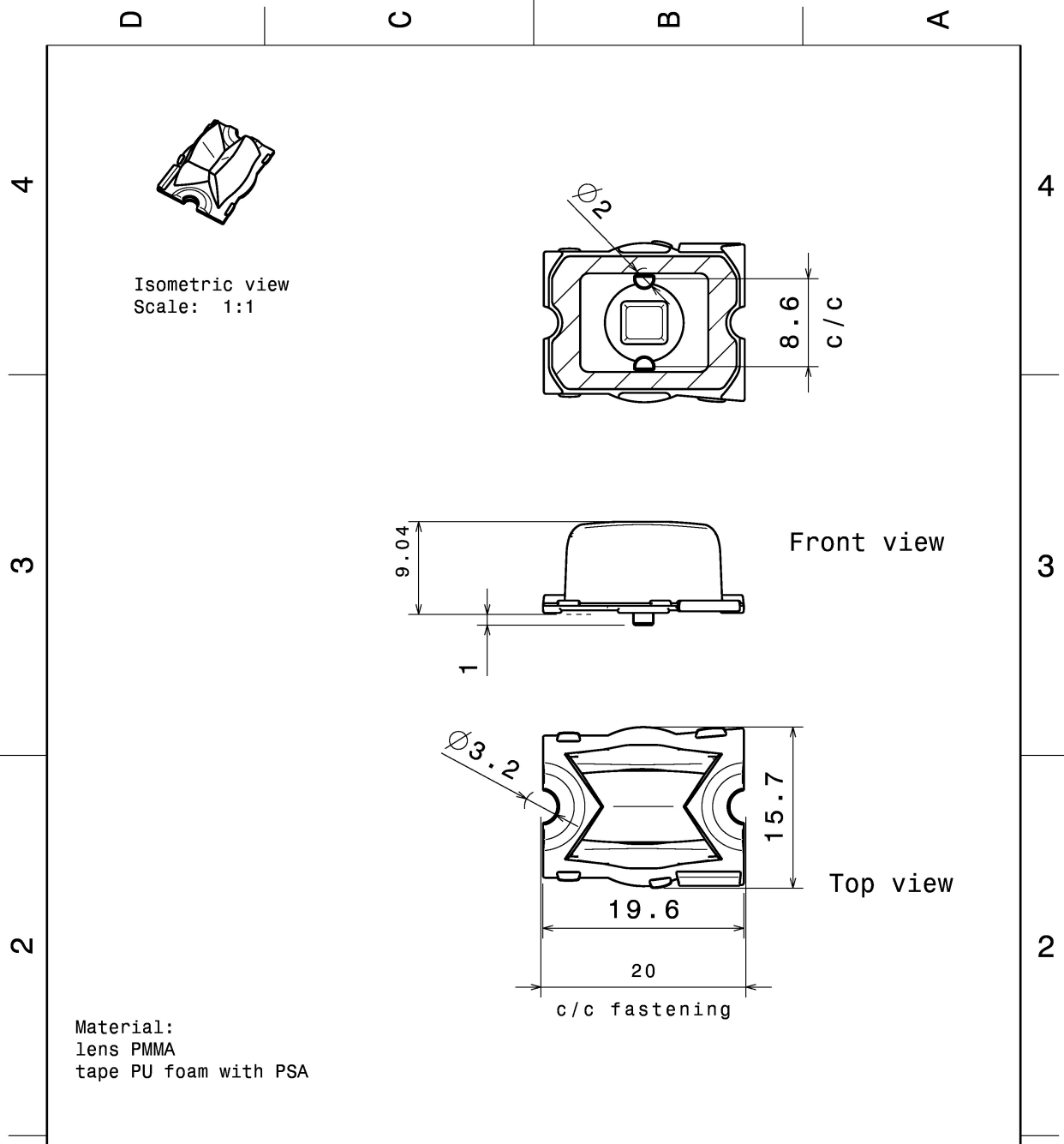


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Type	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					



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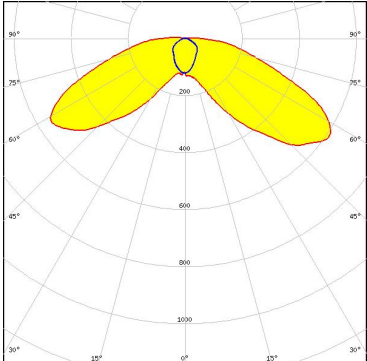

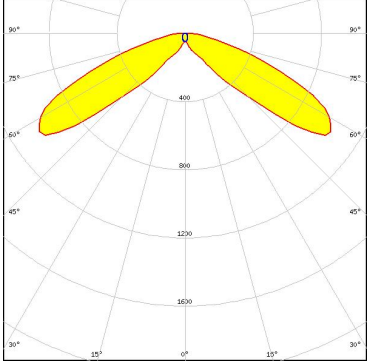

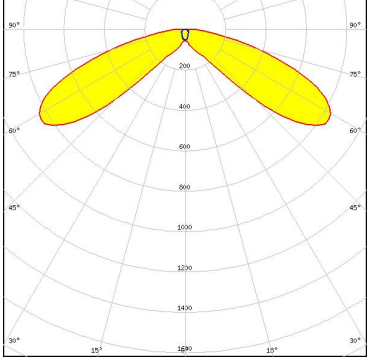


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DRAWN BY p		DATE 14.01.2010	DRAWING TITLE Datasheet Strada-DW assy		
CHECKED BY i k	DATE 01.12.2009	SIZE A4	DRAWING NUMBER CA11256		REV 1
DESIGNED BY hh	DATE 01.12.2009	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

<p> <b>bridgelux</b></p> <p>LED                    Bridgelux SMD 5050</p> <p>FWHM / FWTM        Asymmetric</p> <p>Efficiency            94 %</p> <p>Peak intensity        0.6 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour         White</p> <p>Required components:</p>	
<p> <b>CREE LED</b></p> <p>LED                    XP-E</p> <p>FWHM / FWTM        90.0 + 140.0°</p> <p>Efficiency            92 %</p> <p>Peak intensity        1 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour         White</p> <p>Required components:</p>	
<p> <b>CREE LED</b></p> <p>LED                    XP-G</p> <p>FWHM / FWTM        88.0 + 148.0°</p> <p>Efficiency            92 %</p> <p>Peak intensity        0.8 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour         White</p> <p>Required components:</p>	
<p> <b>LUMILEDS</b></p> <p>LED                    LUXEON A</p> <p>FWHM / FWTM        86.0 + 140.0°</p> <p>Efficiency            92 %</p> <p>LEDs/each optic     1</p> <p>Light colour         White</p> <p>Required components:</p>	

### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

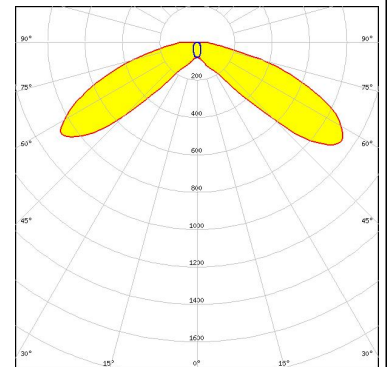
LED LUXEON Rebel  
 FWHM / FWTM 86.0 + 140.0°  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### LUMILEDS

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

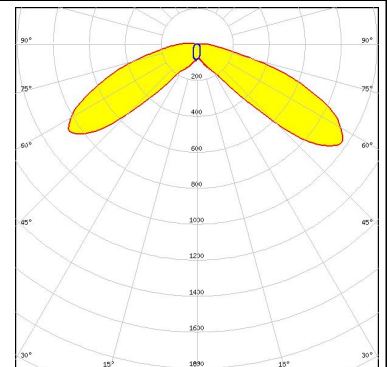
#### LUMILEDS

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:



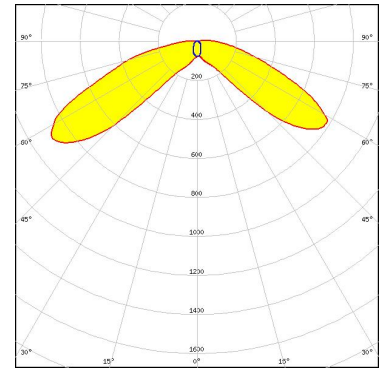
### PHOTOMETRIC DATA (MEASURED):



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



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:



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



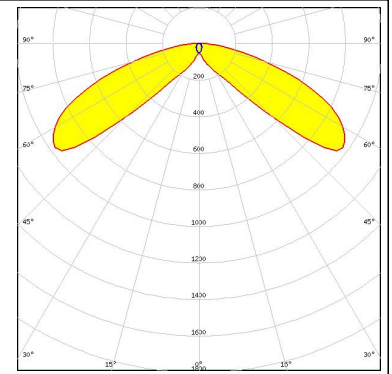
LED OSLOM SSL 150  
FWHM / FWTM 92.0 + 142.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (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:



### PHOTOMETRIC DATA (SIMULATED):

<p><b>CREE</b> LED</p> <p>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:</p>	
<p><b>LUMILEDS</b></p> <p>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:</p>	
<p><b>NICHIA</b></p> <p>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:</p>	
<p><b>SEOL</b> SEOUL SEMICONDUCTOR</p> <p>LED: Z5            FWHM / FWTM: 86.0 + 141.0°            Efficiency: %            LEDs/each optic: 1            Light colour: White            Required components:</p>	

## PHOTOMETRIC DATA (SIMULATED):

### 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:

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