

## STRADA-S

Side emitter beam

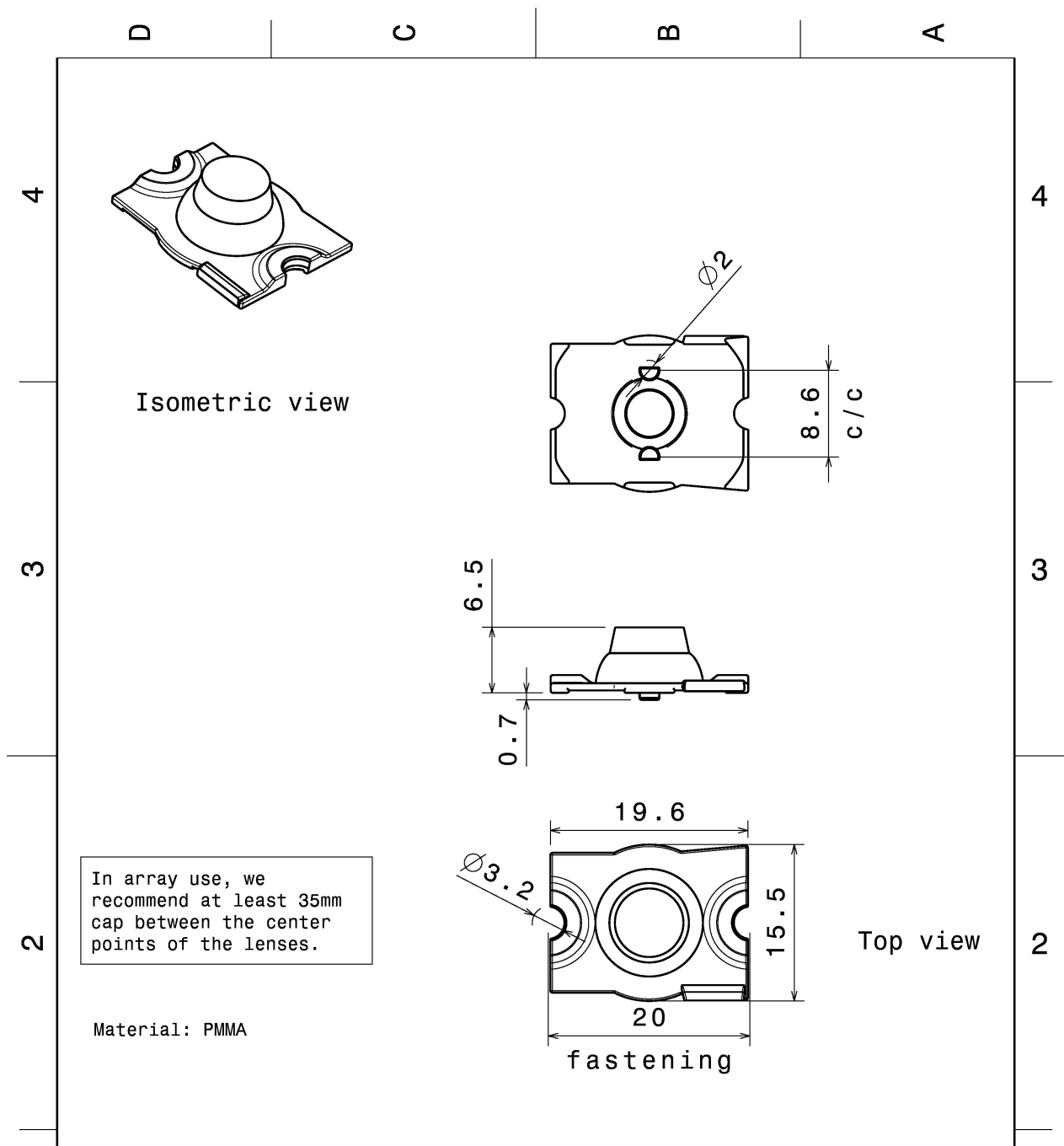
### TECHNICAL SPECIFICATIONS:

Dimensions	19.6 x 15.5 mm
Height	6.9 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	3.5 kg
Quantity in Box	2880 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
STRADA-S	Single lens	PMMA	clear

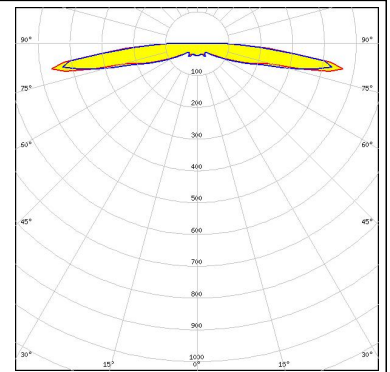


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DRAWING TITLE		Datasheet Strada-S lens	
DRAWN BY p	DATE 18.12.2009	SIZE A4	DRAWING NUMBER C11249
CHECKED BY h	DATE 18.12.2009	SCALE 2:1	REV 1
DESIGNED BY o1	DATE 18.12.2009	WEIGHT (g)	SHEET 1/1

### PHOTOMETRIC DATA (MEASURED):

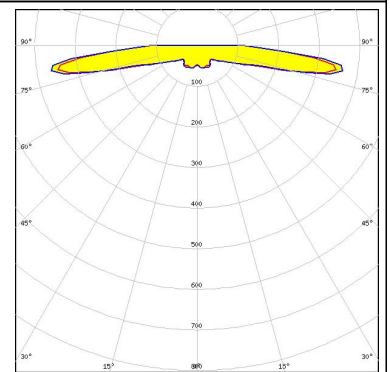
#### CREE

LED XP-E  
 FWHM 144.0 + 168.0°  
 Efficiency 93 %  
 Peak intensity 0.470 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



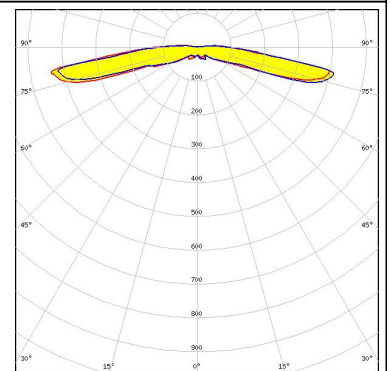
#### CREE

LED XP-G  
 FWHM 144.0 + 176.0°  
 Efficiency 93 %  
 Peak intensity 0.350 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-G2  
 FWHM 169.0°  
 Efficiency 94 %  
 Peak intensity 0.480 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



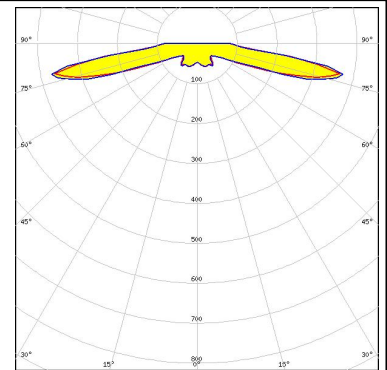
#### LUMILEDS

LED LUXEON Rebel  
 FWHM 162.0 + 138.0°  
 Efficiency 93 %  
 Peak intensity 0.380 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 137.0 + 166.0°  
Efficiency 93 %  
Peak intensity 0.320 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

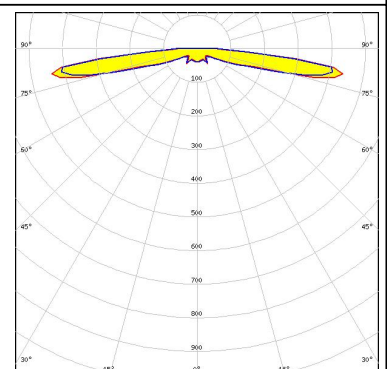
LED NCSxx19A  
FWHM 168.0 + 138.0°  
Efficiency 93 %  
Peak intensity 0.360 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### NICHIA

LED NVSxx19A  
FWHM 162.0 + 138.0°  
Efficiency 93 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### OSRAM Opto Semiconductors

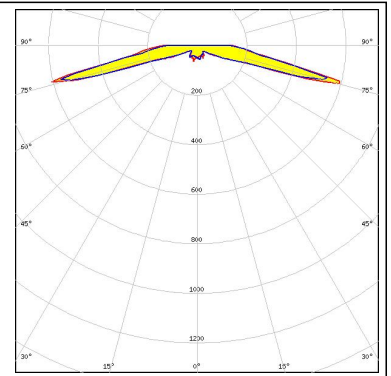
LED Oslon SSL 150  
FWHM 146.0 + 170.0°  
Efficiency 93 %  
Peak intensity 0.440 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 161.0°  
Efficiency 93 %  
Peak intensity 0.600 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

LED LUXEON A  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### SEAGUR SEOUL SEMICONDUCTOR

LED Z5  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### SHARP

LED Double Dome (GM2BB)  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity 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:

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