


## STRADA-S

Side emitter beam

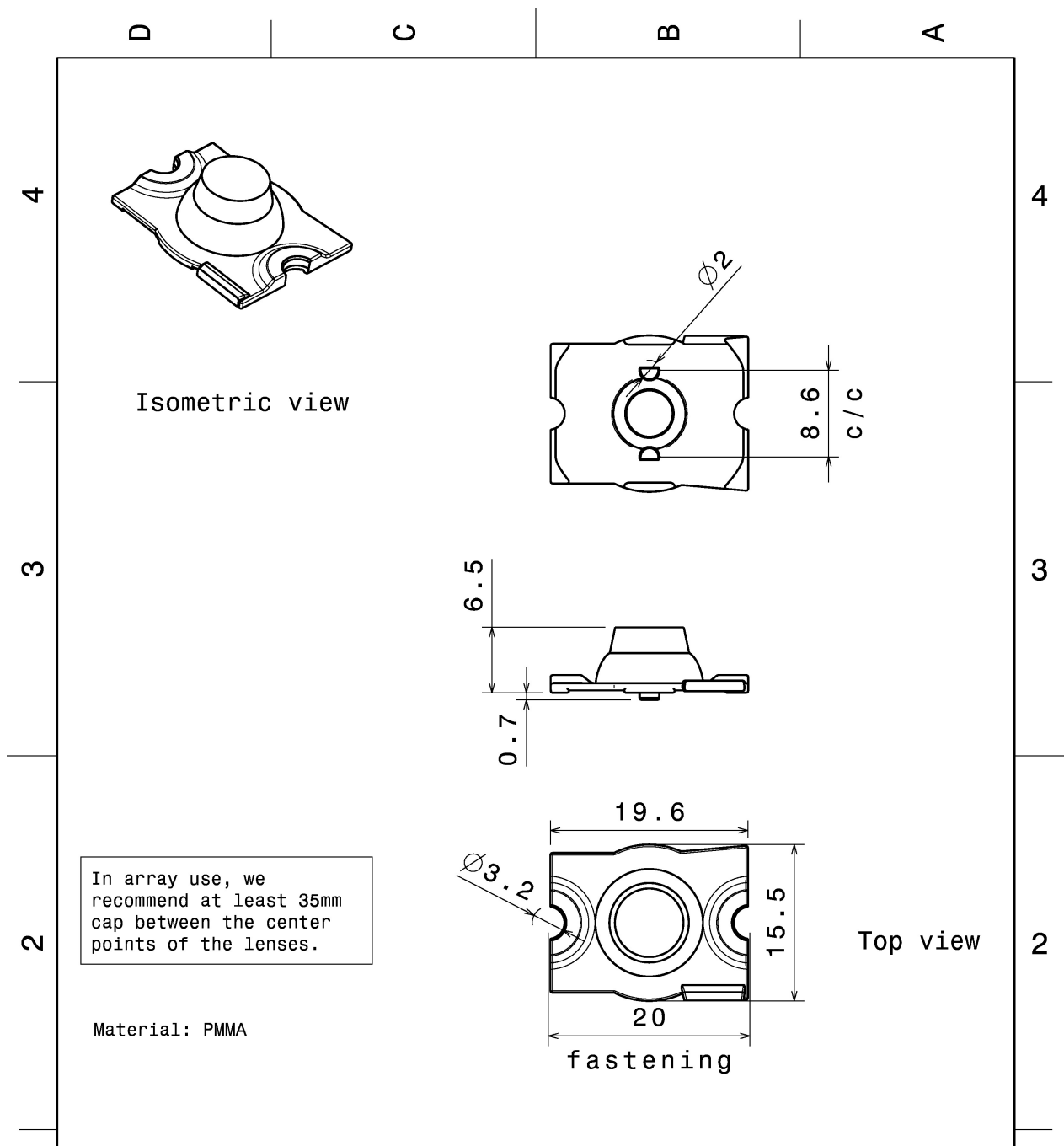
### TECHNICAL SPECIFICATIONS:


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	Lens	PMMA	clear

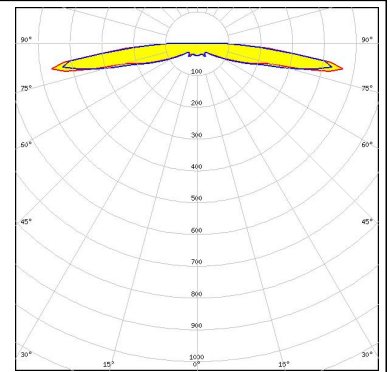


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DRAWN BY	DATE	Datasheet Strada-S lens			
p	18.12.2009	SIZE	DRAWING NUMBER	REV	
CHECKED BY	DATE	A4	C11249	1	
DESIGNED BY	DATE	SCALE	WEIGHT (g)	SHEET	1/1
o1	18.12.2009	2:1			

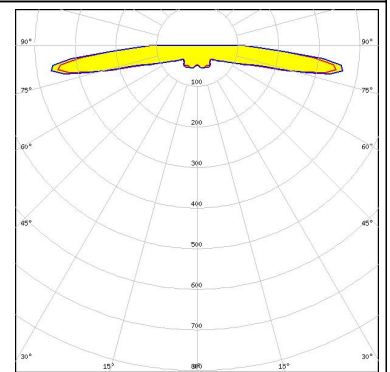
### PHOTOMETRIC DATA (MEASURED):



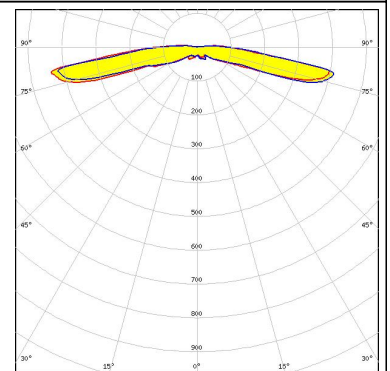
LED XP-E  
FWHM 144.0 + 168.0°  
Efficiency 93 %  
Peak intensity 0.470 cd/lm  
Required components:



LED XP-G  
FWHM 144.0 + 176.0°  
Efficiency 93 %  
Peak intensity 0.350 cd/lm  
Required components:



LED XP-G2  
FWHM 169.0°  
Efficiency 94 %  
Peak intensity 0.480 cd/lm  
Required components:

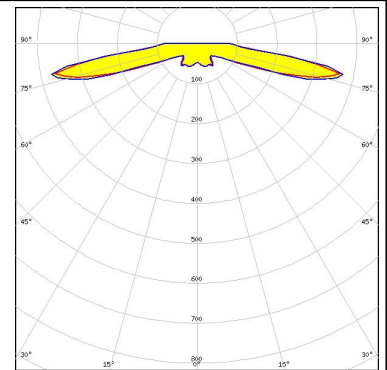


LED LUXEON Rebel  
FWHM 162.0 + 138.0°  
Efficiency 93 %  
Peak intensity 0.380 cd/lm  
Required components:

### PHOTOMETRIC DATA (MEASURED):



LED LUXEON Rebel ES  
FWHM 137.0 + 166.0°  
Efficiency 93 %  
Peak intensity 0.320 cd/lm  
Required components:



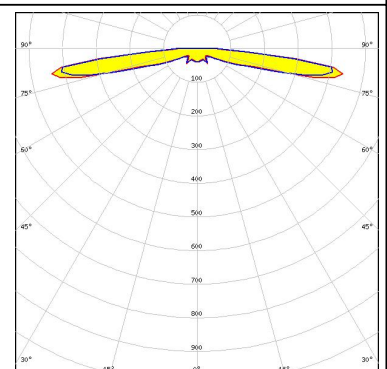
LED NCSxx19A  
FWHM 168.0 + 138.0°  
Efficiency 93 %  
Peak intensity 0.360 cd/lm  
Required components:



LED NVSxx19A  
FWHM 162.0 + 138.0°  
Efficiency 93 %  
Peak intensity cd/lm  
Required components:



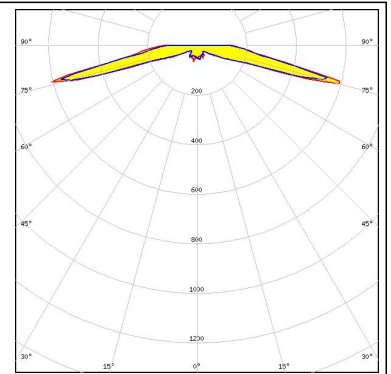
LED Oslon SSL 150  
FWHM 146.0 + 170.0°  
Efficiency 93 %  
Peak intensity 0.440 cd/lm  
Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 161.0°  
Efficiency 93 %  
Peak intensity 0.600 cd/lm  
Required components:



## PHOTOMETRIC DATA (SIMULATED):

### LUMILEDS

LED LUXEON A  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/Im  
Required components:

### SEAGUR SEOUL SEMICONDUCTOR

LED Z5  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/Im  
Required components:

### SHARP

LED Double Dome (GM2BB)  
FWHM 144.0 + 176.0°  
Efficiency %  
Peak intensity cd/Im  
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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