

## RES-RS

~11° spot beam for LUXEON Rebel. Assembly with white holder.

### SPECIFICATION:

Dimensions	21.6 x 21.6
Height	12.9 mm
Fastening	tape
ROHS compliant	yes ⓘ



### MATERIALS:

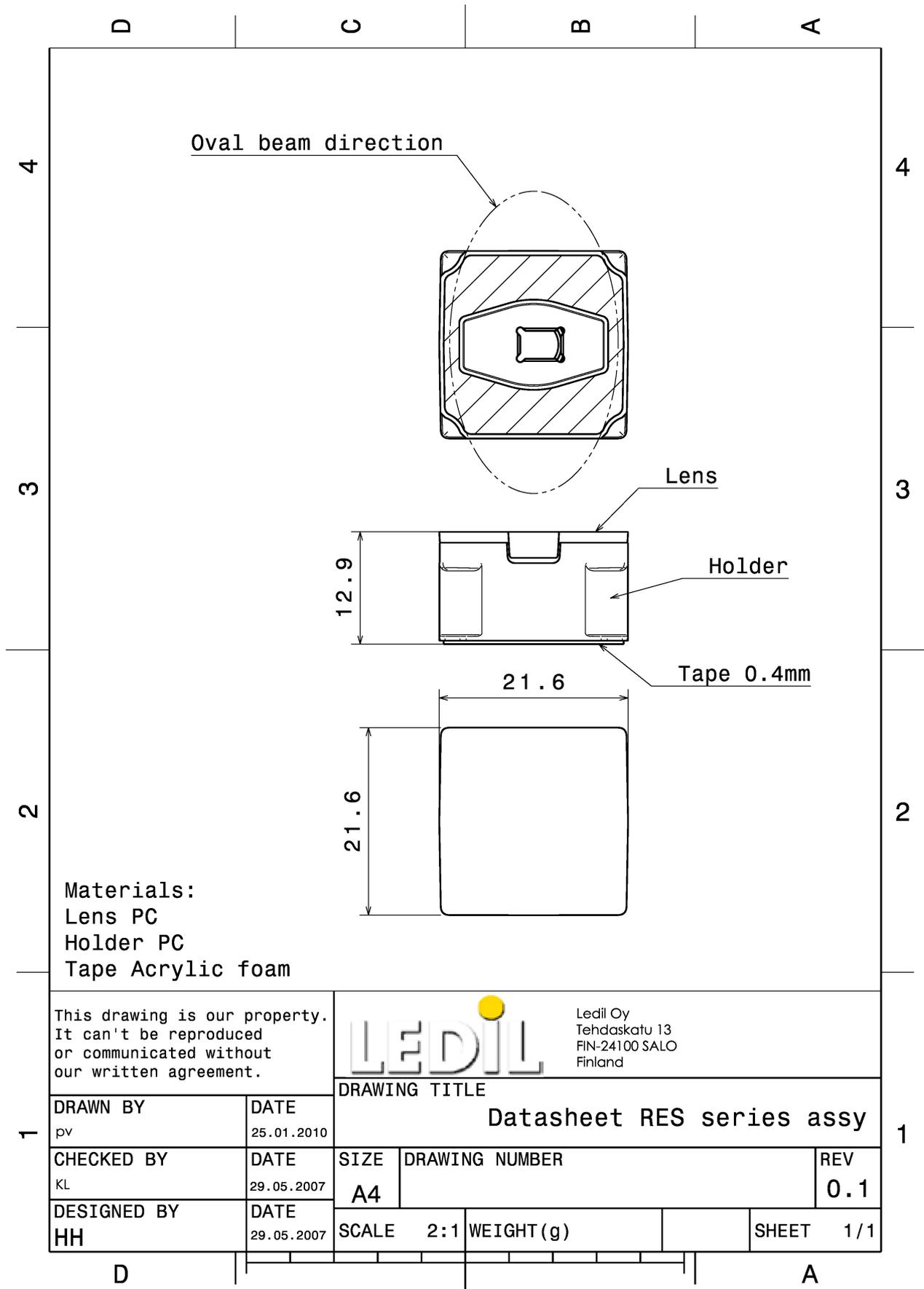
Component	Type	Material	Colour	Finish	Length (mm)
F10283_ROSE-B-B-RS	Single lens	PC	clear		
CA10554_ROSE-HLD-RE-WHT	Assembly		white		

### ORDERING INFORMATION:

#### Quantities for one set:

Single lens	1
Assembly	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F10283_ROSE-B-B-RS	Single lens	1980	180	180	7.7
» Box size: 480 x 280 x 300 mm					
CA10554_ROSE-HLD-RE-WHT	Assembly	3240	180	180	7.2
» Box size: 480 x 280 x 300 mm					



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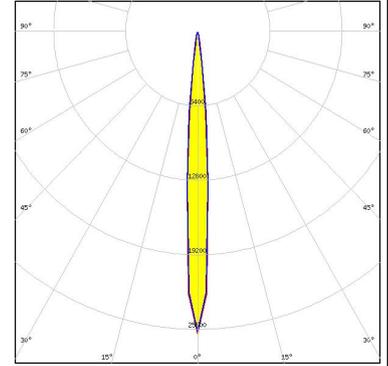
DRAWN BY pv		DATE 25.01.2010	DRAWING TITLE Datasheet RES series assy			
CHECKED BY KL	DATE 29.05.2007	SIZE A4	DRAWING NUMBER			REV 0.1
DESIGNED BY HH	DATE 29.05.2007	SCALE 2:1	WEIGHT (g)	SHEET 1/1		

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

### OPTICAL RESULTS (MEASURED):

#### LUMILEDS

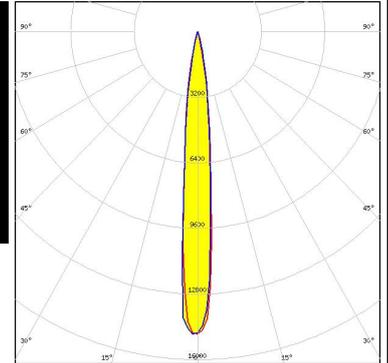
LED LUXEON Rebel  
 FWHM / FWTM 8.0° / 18.0°  
 Efficiency 85 %  
 Peak intensity 26 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### LUMILEDS

LED LUXEON Rebel ES  
 FWHM / FWTM 10.0° / 24.0°  
 Efficiency 87 %  
 Peak intensity 15 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

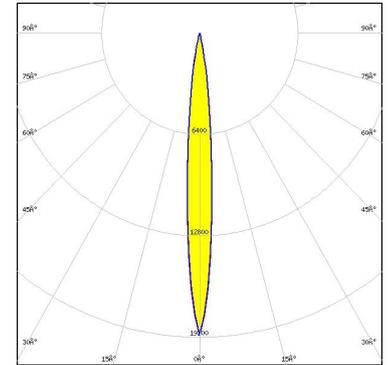


Light distribution files

### OPTICAL RESULTS (SIMULATED):



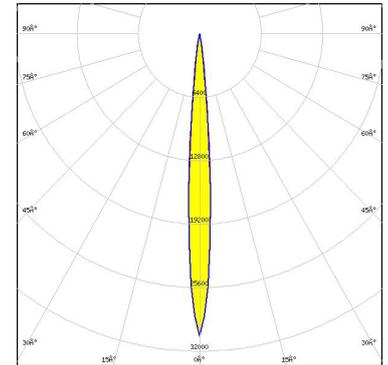
LED CSP 2323 (BXCP)  
FWHM / FWTM 10.0° / 22.0°  
Efficiency 87 %  
Peak intensity 19.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON Rebel Plus  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 88 %  
Peak intensity 30.5 cd/lm  
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:

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