

RES-O

~45° + 15° oval 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:

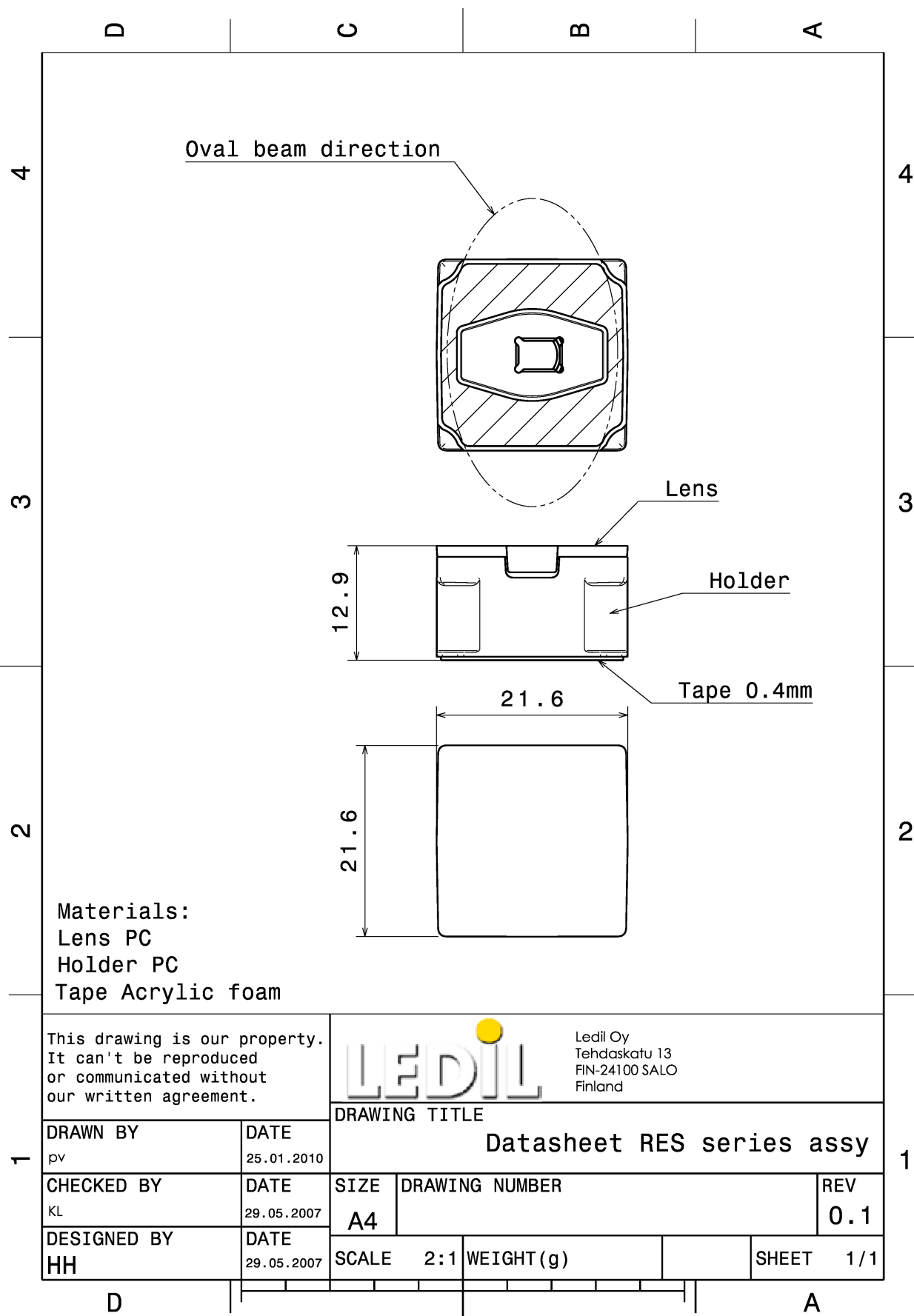
Component	Type	Material	Colour	Finish	Length (mm)
ROSE-TAPE	Tape	Acryl tape	grey		
ROSE-HLD-RE-WHT	Holder	PC	white		
» Box size: 480 x 280 x 300 mm					
ROSE-B-B-O	Single lens	PC	clear		
» Box size: 480 x 280 x 300 mm					

ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Assembly	1

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F10286_ROSE-B-B-O	1980	180	180	8.0
CA10554_ROSE-HLD-RE-WHT	3240	180	180	7.2

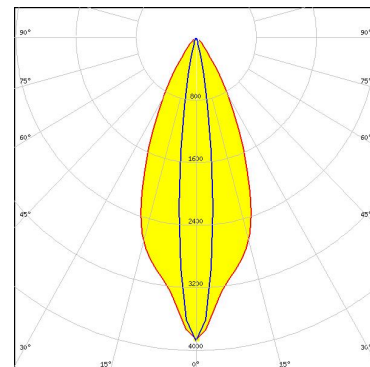


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



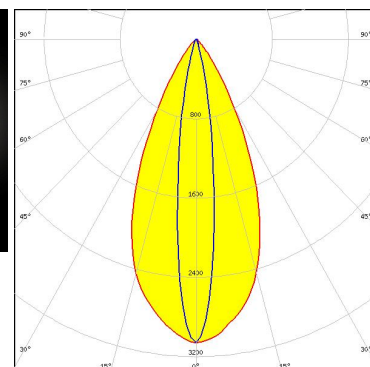
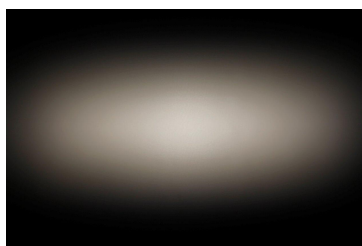
LED LUXEON Rebel
FWHM / FWTM 42.0 + 13.0° / 72.0 + 26.0°
Efficiency 80 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Rebel ES
FWHM / FWTM 47.0 + 14.0° / 74.0 + 30.0°
Efficiency 81 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

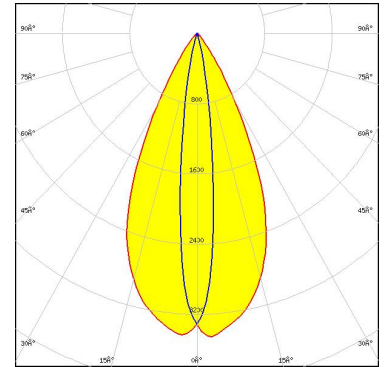


Light distribution files

OPTICAL RESULTS (SIMULATED):



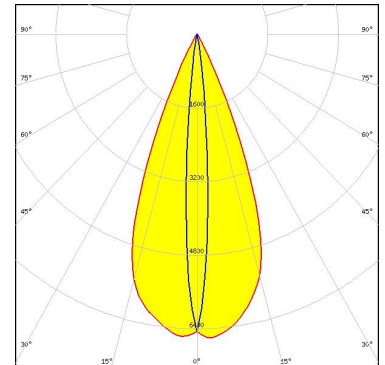
LED CSP 2323 (BXCP)
 FWHM / FWTM 50.0 + 14.0° / 72.0 + 26.0°
 Efficiency 86 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



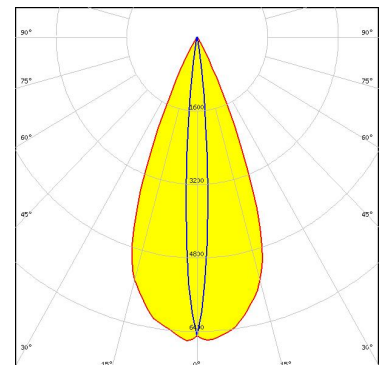
LED XQ-E HD
 FWHM / FWTM 42.0 + 8.0° / 56.0 + 18.0°
 Efficiency 93 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XQ-E HD Blue
 FWHM / FWTM 43.0 + 8.0° / 57.0 + 18.0°
 Efficiency 94 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:

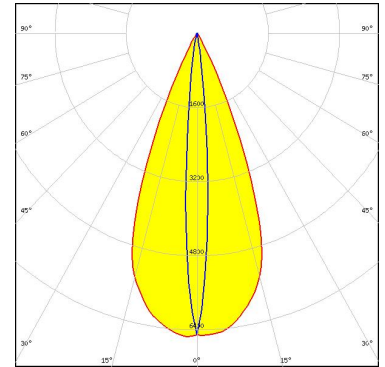


Light distribution files

OPTICAL RESULTS (SIMULATED):



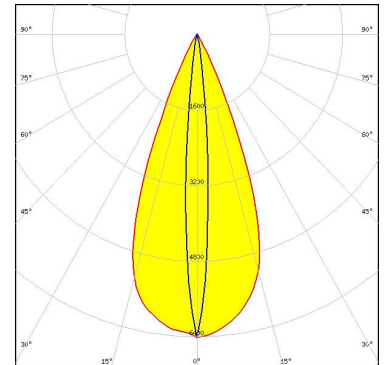
LED XQ-E HD Green
FWHM / FWTM 42.0 + 8.0° / 57.0 + 18.0°
Efficiency 94 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour/type Green
Required components:



Light distribution files



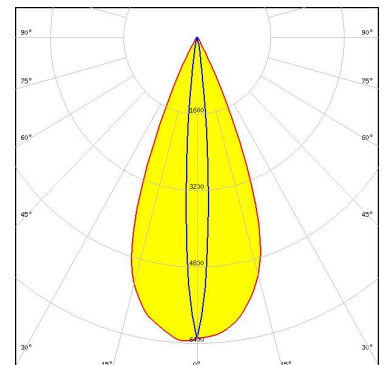
LED XQ-E HD Red
FWHM / FWTM 42.0 + 8.0° / 56.0 + 18.0°
Efficiency 93 %
Peak intensity 6.4 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files



LED XQ-E HD WW
FWHM / FWTM 42.0 + 8.0° / 57.0 + 18.0°
Efficiency 93 %
Peak intensity 6.4 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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