

LO2-RS

~9.6° spot beam optimized for Osram Golden Dragon+. 14.6 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.6 mm
Fastening	tape
ROHS compliant	yes ⓘ

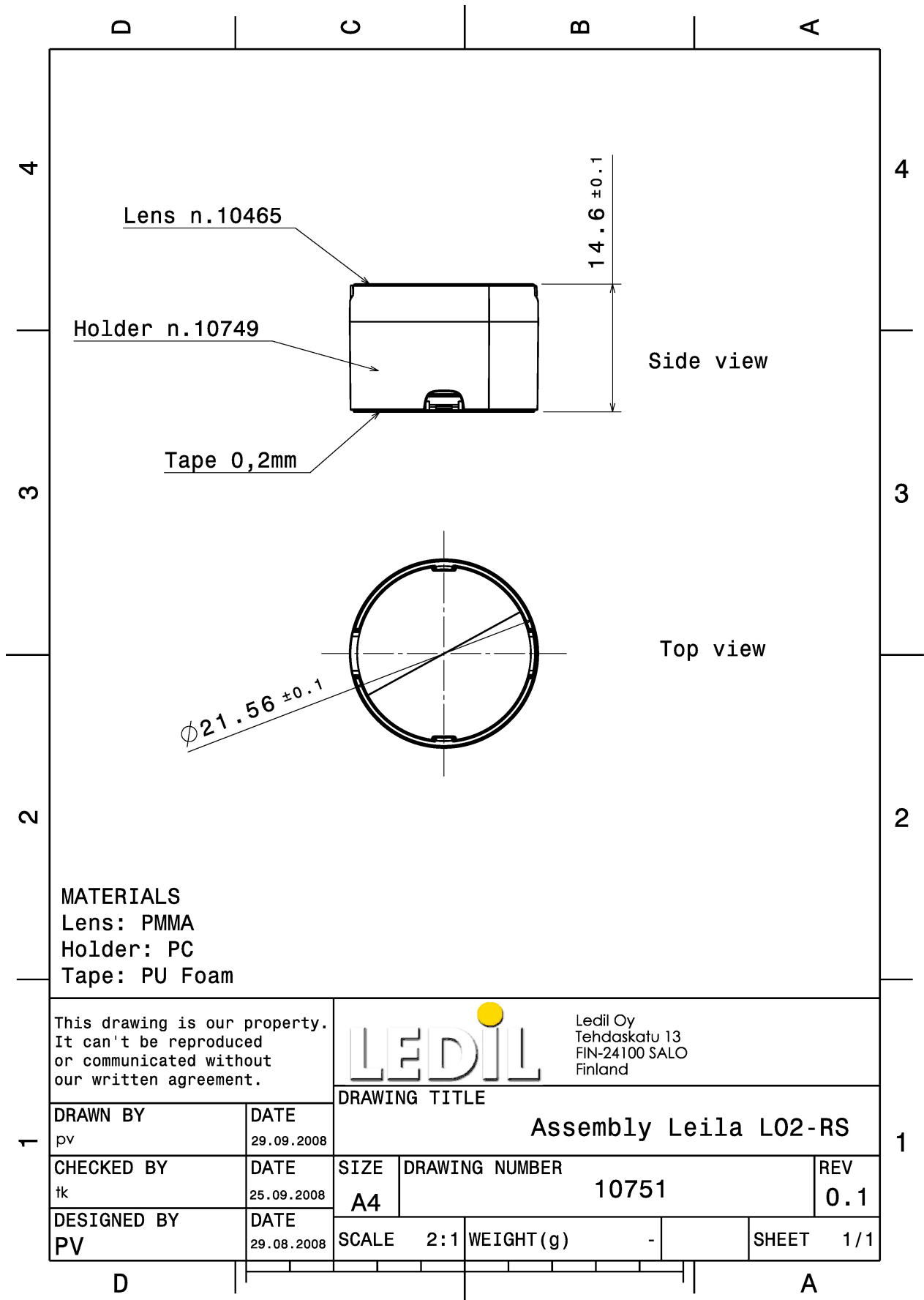


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LO2-RS	Single lens	PMMA	clear		
LO-LH1-TAPE	Holder	PC	black		
LEILA-TAPE	Tape	PET tape 0,2mm	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA10751_LO2-RS » Box size: 470 x 235 x 270 mm	2304	288	144	11.2



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

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

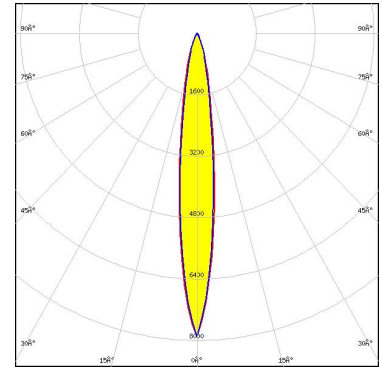
LED	Golden Dragon+
FWHM / FWTM	7.0°
Efficiency	93 %
LEDs/each optic	1
Light colour/type	White
Required components:	

[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):



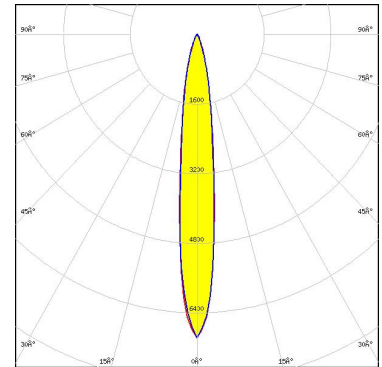
LED MX-6
FWHM / FWTM 14.0° / 35.0°
Efficiency 91 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



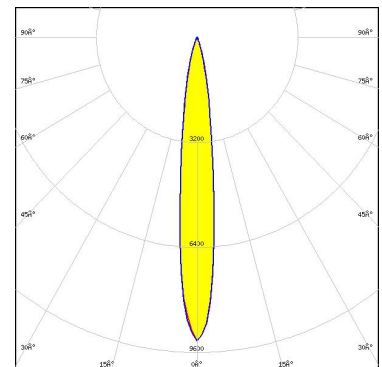
LED XHP50.3 HI
FWHM / FWTM 14.0° / 34.0°
Efficiency 84 %
Peak intensity 7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L
FWHM / FWTM 14.0° / 30.0°
Efficiency 88 %
Peak intensity 9.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

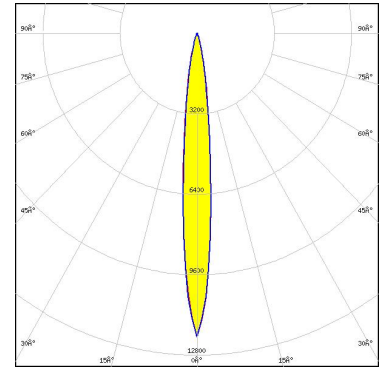


Light distribution files

OPTICAL RESULTS (SIMULATED):



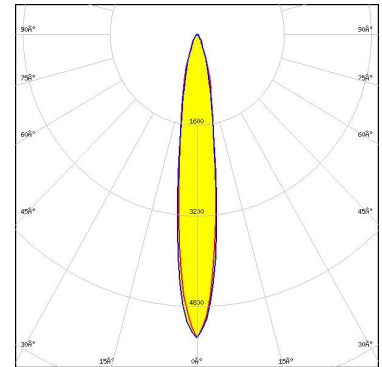
LED XP-G3
FWHM / FWTM 10.0° / 26.0°
Efficiency 85 %
Peak intensity 12.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



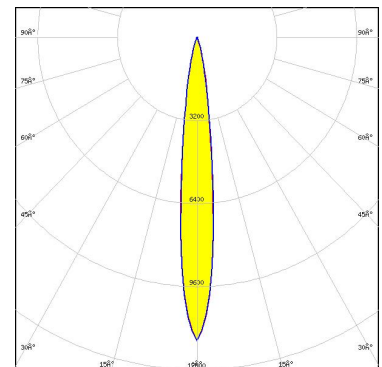
LED LUXEON 5050 Square LES
FWHM / FWTM 15.0° / 39.0°
Efficiency 83 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSW319B
FWHM / FWTM 12.0° / 28.0°
Efficiency 90 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

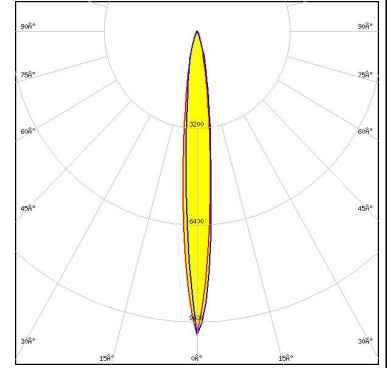


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

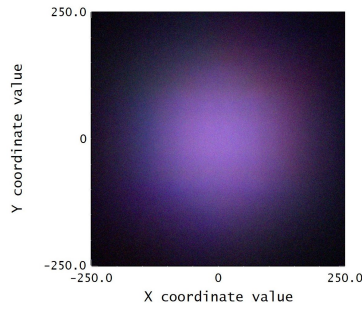
LED Duris E5
 FWHM / FWTM 10.0° / 29.0°
 Efficiency 84 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSTAR Stage (S2WM)
 FWHM / FWTM 26.0° / 48.0°
 Efficiency 87 %
 Peak intensity 3.5 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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