LO2-RS

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



TECHNICAL SPECIFICATIONS:

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

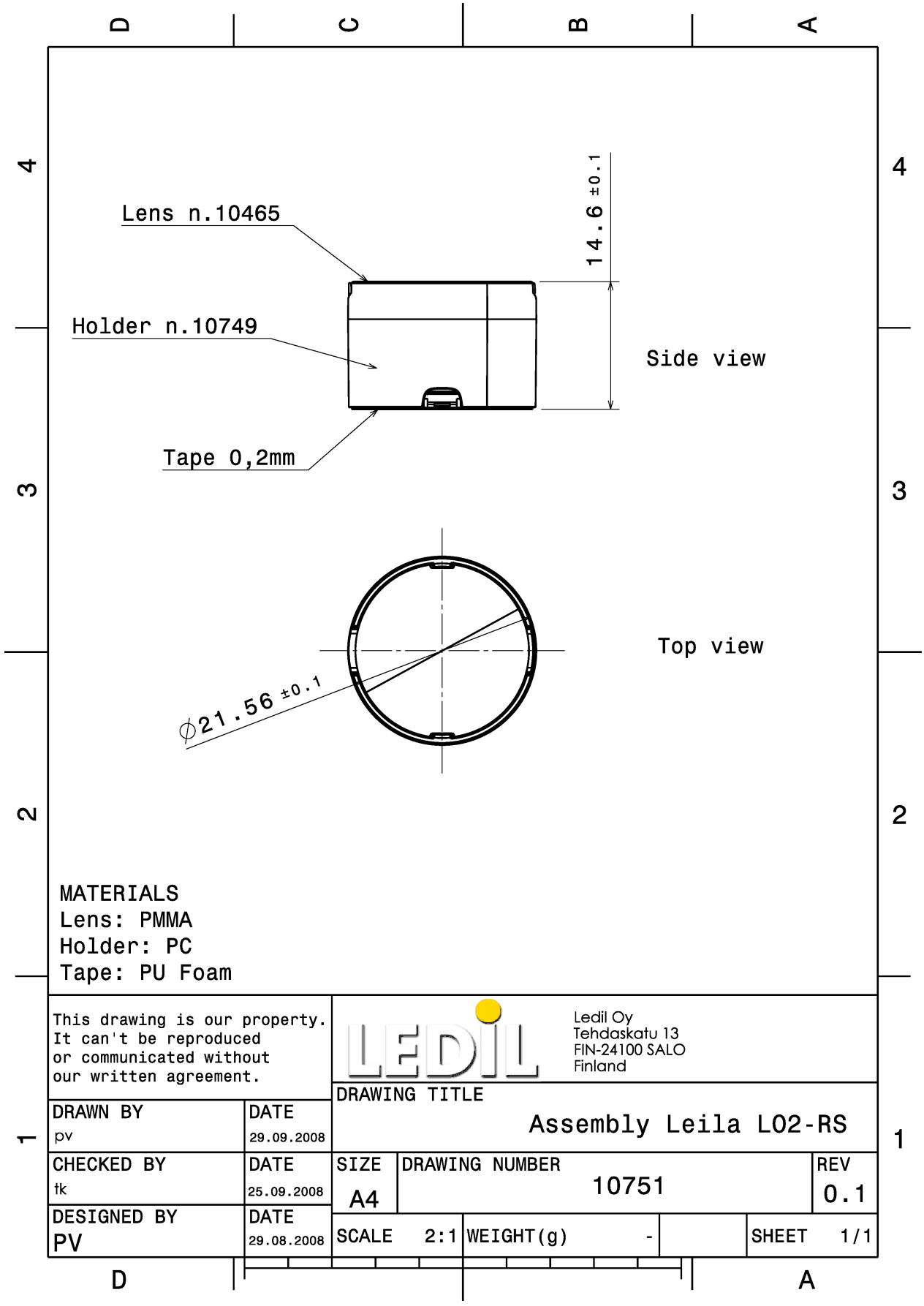
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
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	Single lens	2304	288	144	11.2

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

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

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

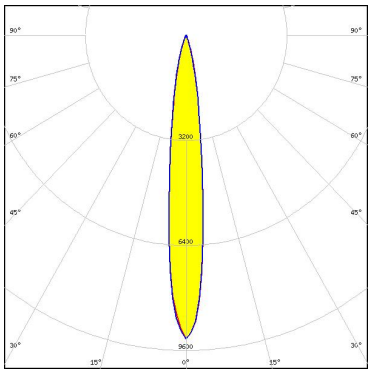
Required components:

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PHOTOMETRIC DATA (SIMULATED):

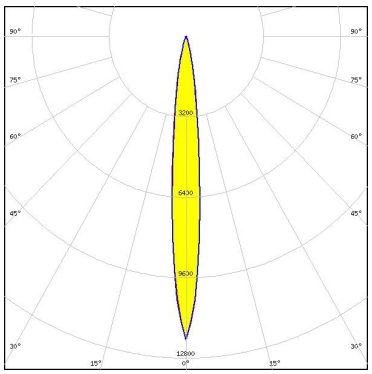
CREE LED

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



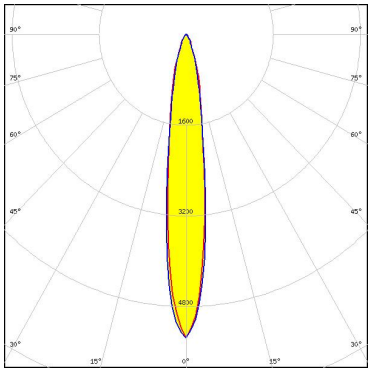
CREE LED

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



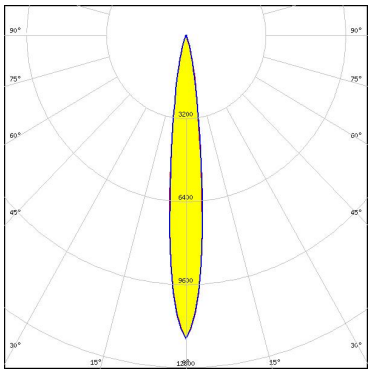
LUMILEDS

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	White
Required components:	



NICHIA

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



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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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