

LC1-RS

~9.6° spot beam optimized for CREE XR-E. 16.5 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	16.5 mm
Fastening	tape
ROHS compliant	yes ⓘ

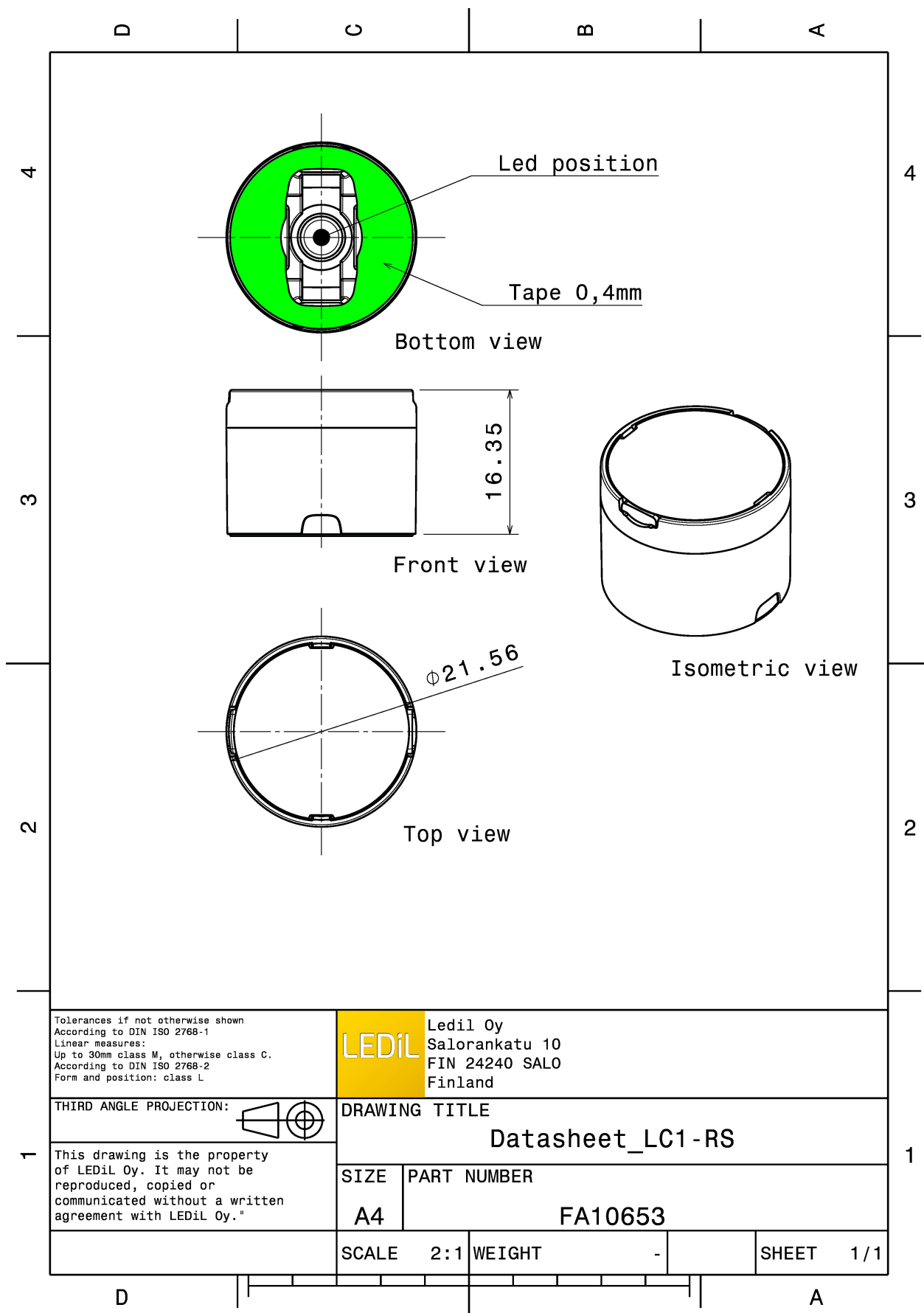


MATERIALS:

Component	Type	Material	Colour	Finish
LC1-RS	Single lens	PMMA	clear	
LC-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	PET tape 0,2mm	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10653_LC1-RS	Single lens	2016	288	144	11.0
» Box size:					



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

OPTICAL RESULTS (MEASURED):

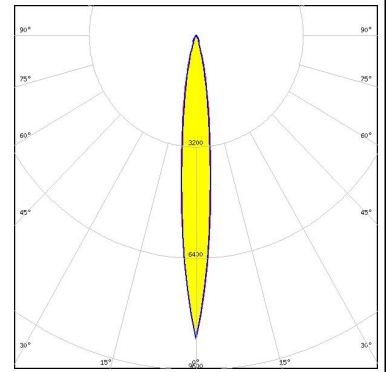


LED	XR-E
FWHM / FWTM	6.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

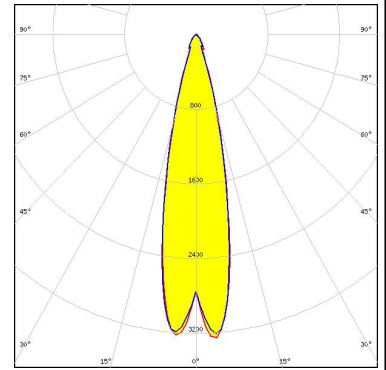
OPTICAL RESULTS (SIMULATED):



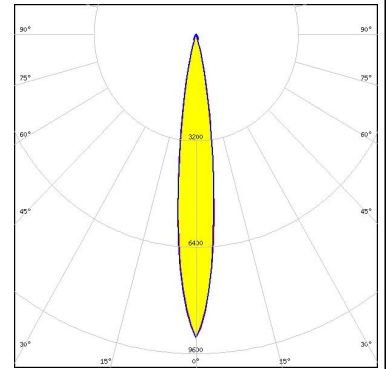
LED MX-6
FWHM / FWTM 12.0° / 30.0°
Efficiency 83 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50
FWHM / FWTM 24.0° / 40.0°
Efficiency 76 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XM-L
FWHM / FWTM 14.0° / 28.0°
Efficiency 80 %
Peak intensity 9.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

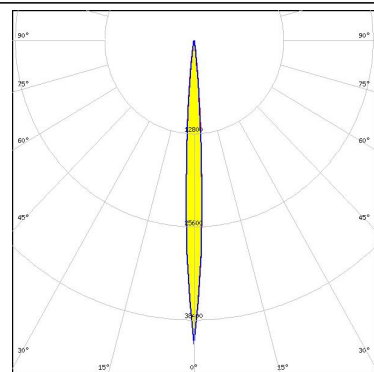


LED XP-G3
FWHM / FWTM 12.0° / 26.0°
Efficiency 77 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (SIMULATED):



LED	LUXEON CZ
FWHM / FWTM	6.0° / 14.0°
Efficiency	80 %
Peak intensity	41.7 cd/lm
LEDs/each optic	1
Light colour	Red
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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