

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 ⓘ

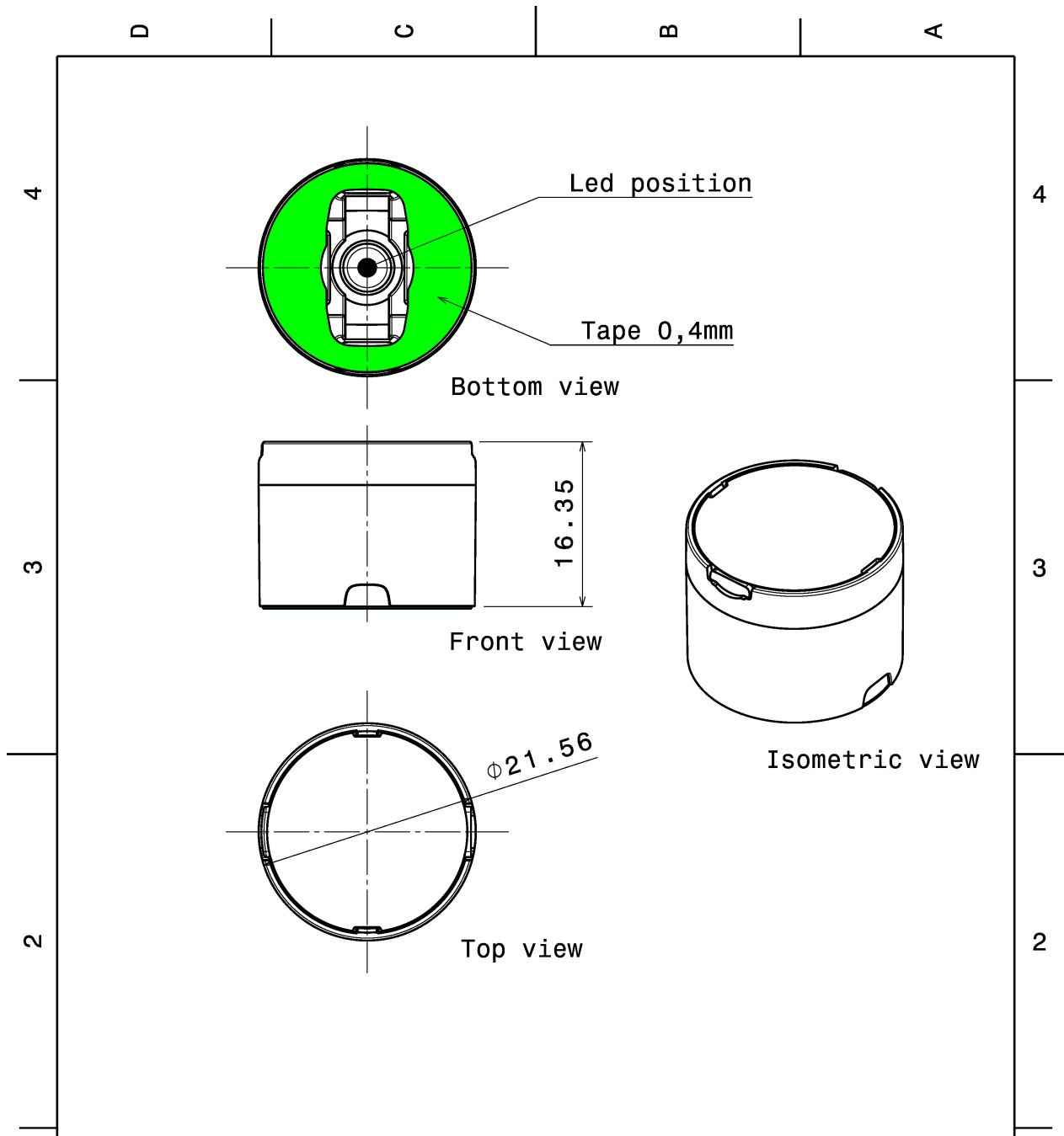


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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	2016	288	144	11.0
» Box size:				



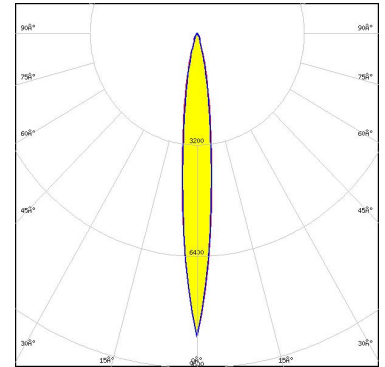
<p>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L</p>	LEDiL		Ledil Oy Salorankatu 10 FIN 24240 SALO Finland				
	THIRD ANGLE PROJECTION:		DRAWING TITLE Datasheet_LC1-RS				
	<p>This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy."</p>		SIZE	PART NUMBER			
			A4	FA10653			
		SCALE	2:1	WEIGHT	-	SHEET	1/1

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

OPTICAL RESULTS (SIMULATED):



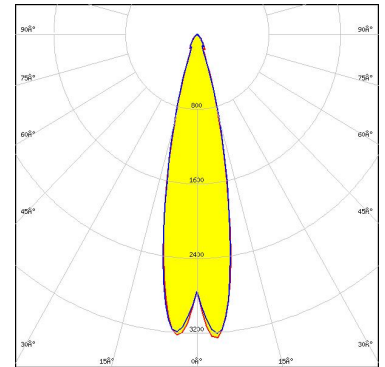
LED MX-6
FWHM / FWTM 12.0° / 30.0°
Efficiency 83 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



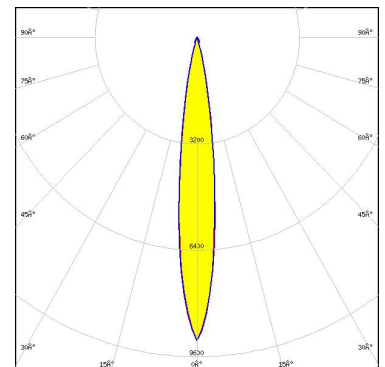
LED XHP50
FWHM / FWTM 24.0° / 40.0°
Efficiency 76 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

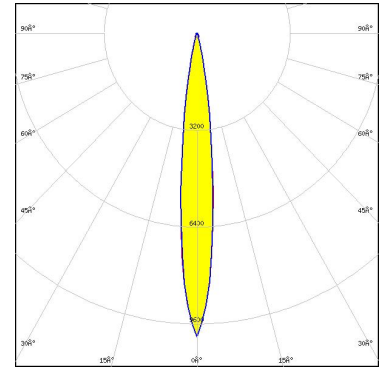


Light distribution files

OPTICAL RESULTS (SIMULATED):



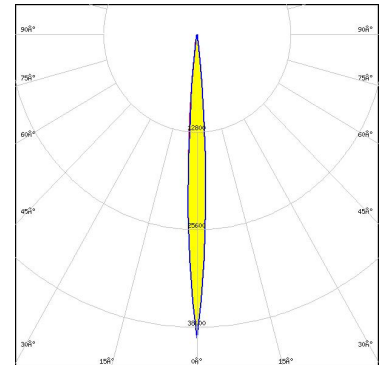
LED XP-G3
FWHM / FWTM 12.0° / 26.0°
Efficiency 77 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



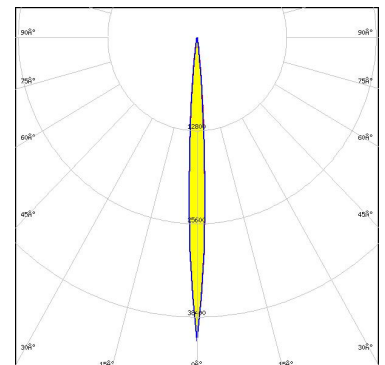
LED XR-E
FWHM / FWTM 6.0° / 14.0°
Efficiency 91 %
Peak intensity 39.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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

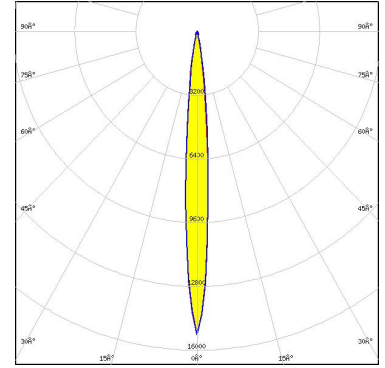


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	Duris E5
FWHM / FWTM	8.0° / 20.0°
Efficiency	75 %
Peak intensity	15.2 cd/m
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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