

CRYSTAL-RS

~5.1° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 46.8 mm
Height	27.4 mm
Fastening	snaps
ROHS compliant	yes 

MATERIAL SPECIFICATIONS:

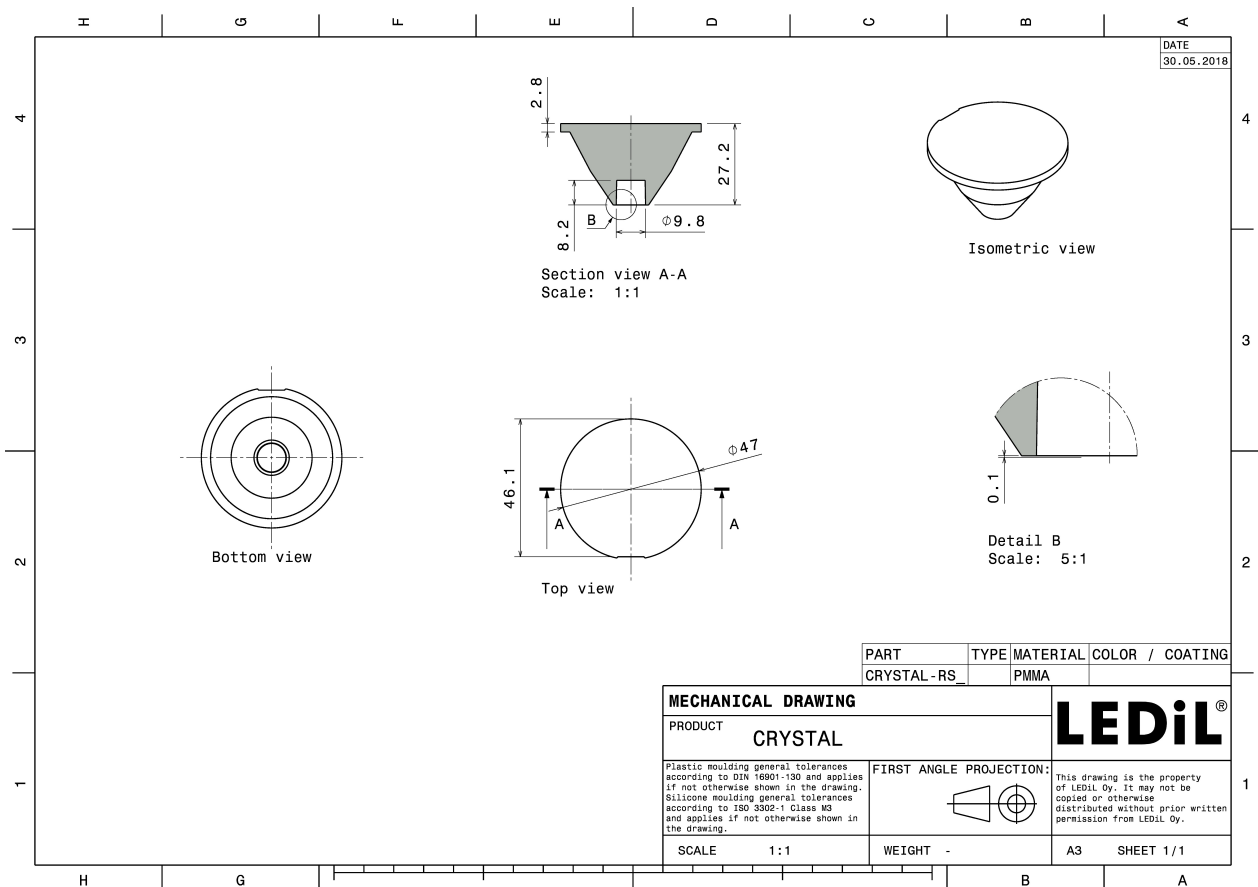
Component	Type
CRYSTAL-RS	Single lens



Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

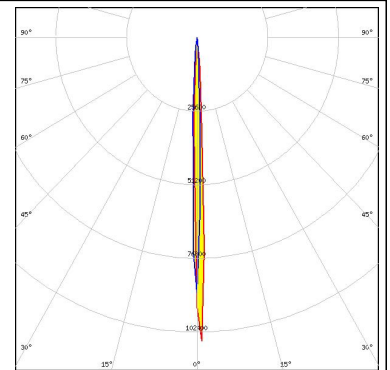
Component	Qty in box	MOQ	MPQ	Box weight (kg)
F12916_CRYSTAL-RS » Box size: 480 x 280 x 300 mm	288	64	32	8.6



PHOTOMETRIC DATA (MEASURED):



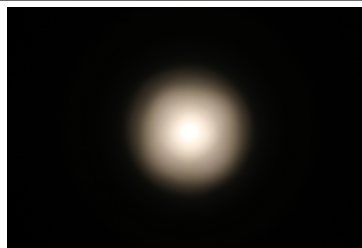
LED XP-E
FWHM 3.3°
Efficiency 93 %
Peak intensity 106 cd/lm
LEDs/each optic 1
Light colour White
Required components:



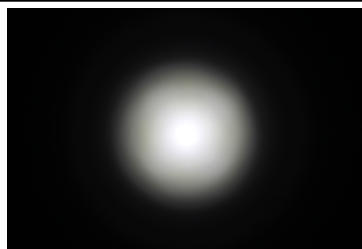
LED XP-G
FWHM 4.9°
Efficiency 89 %
Peak intensity 68.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON A
FWHM 5.1°
Efficiency 89 %
Peak intensity 58.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



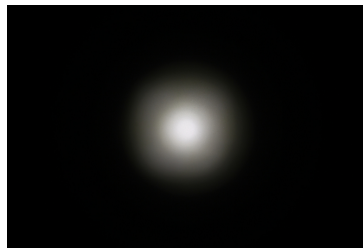
LED NVSxx19B/NVSxx19C
FWHM 5.3°
Efficiency 89 %
Peak intensity 42.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LH351B
FWHM 5.3°
Efficiency 90 %
Peak intensity 57 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

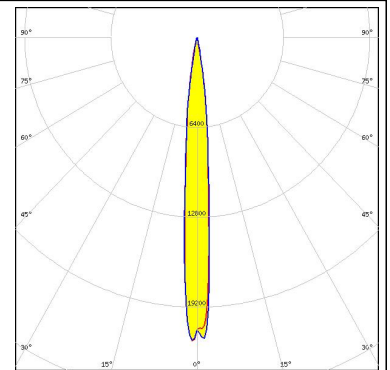
LED LH351Z
FWHM 4.4°
Efficiency 90 %
Peak intensity 77 cd/lm
LEDs/each optic 1
Light colour White
Required components:



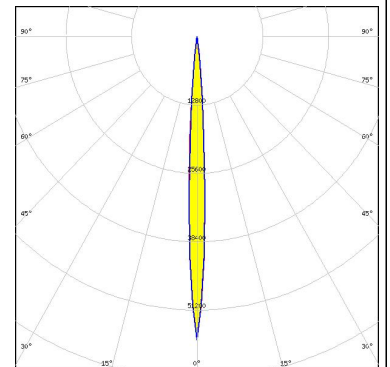
PHOTOMETRIC DATA (SIMULATED):



LED XHP35.2
FWHM 9.0°
Efficiency 92 %
Peak intensity 22.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED LH351B
FWHM 6.0°
Efficiency 94 %
Peak intensity 56.8 cd/Im
LEDs/each optic 1
Light colour White
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:

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

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