

CRYSTAL-RS

~5.1° spot beam. Assembly with holder.

TECHNICAL SPECIFICATIONS:

Dimensions Ø 49.7 mm

Height 28.7 mm

Fastening pin, screw

ROHS compliant yes ①



MATERIAL SPECIFICATIONS:

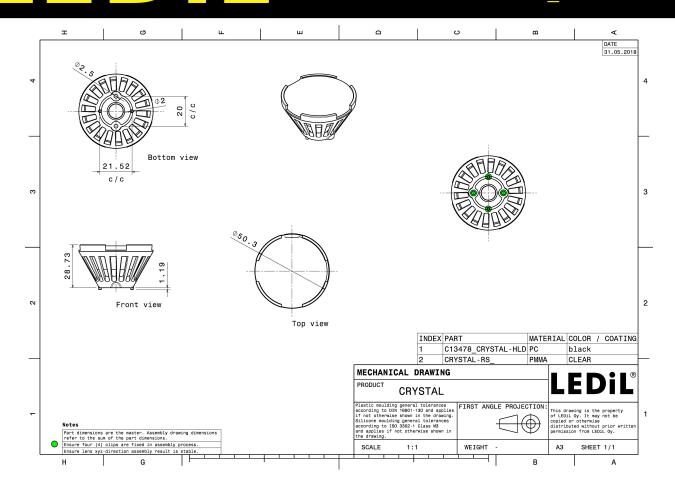
ComponentTypeMaterialColourFinishCRYSTAL-RSSingle lensPMMAclearCRYSTAL-HLDHolderPCwhite

ORDERING INFORMATION:

» Box size:

ComponentQty in boxMOQMPQBox weight (kg)FCN13552_CRYSTAL-RSSingle lens28864320.0

PRODUCT DATASHEET FCN13552_CRYSTAL-RS



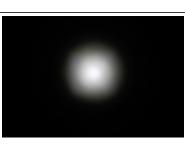
See also our general installation guide: www.ledil.com/installation_guide

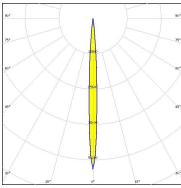


CREE 💠

LED XHP35 HI
FWHM / FWTM 5.7° / 15.0°
Efficiency 89 %
Peak intensity 48.3 cd/lm
LEDs/each optic 1

White





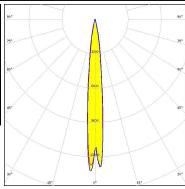
CREE \$

Required components:

Light colour

LED XHP50
FWHM / FWTM 11.0° / 24.0°
Efficiency 93 %
Peak intensity 14.1 cd/lm
LEDs/each optic 1
Light colour White





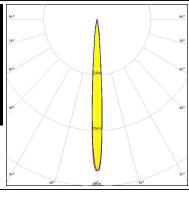
CREE \$

Light colour

Required components:

LED XM-L
FWHM / FWTM 7.0° / 17.0°
Efficiency 94 %
Peak intensity 34.9 cd/lm
LEDs/each optic 1

White



CREE 💠

Required components:

LED XP-G
FWHM / FWTM 4.9° / 11.4°
Efficiency 89 %

Peak intensity 68.3 cd/lm

LEDs/each optic 1
Light colour White
Required components:



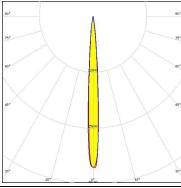
CREE 🚓

Required components:

Light colour

LED XP-L HD
FWHM / FWTM 7.0° / 15.0°
Efficiency 88 %
Peak intensity 34.7 cd/lm
LEDs/each optic 1





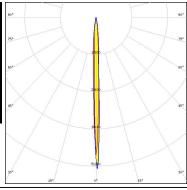
LUMILEDS

LED LUXEON 3030 2D (Round LES)

White

FWHM / FWTM 4.0° / 15.0°
Efficiency 94 %
Peak intensity 52.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:





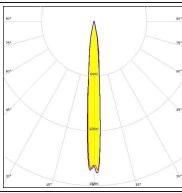
DESCRIPTION LUMILEDS

LED LUXEON 5050 Round LES

FWHM / FWTM 9.0° / 24.0° Efficiency 94 % Peak intensity 17.8 cd/lm LEDs/each optic 1

LEDs/each optic 1
Light colour White
Required components:





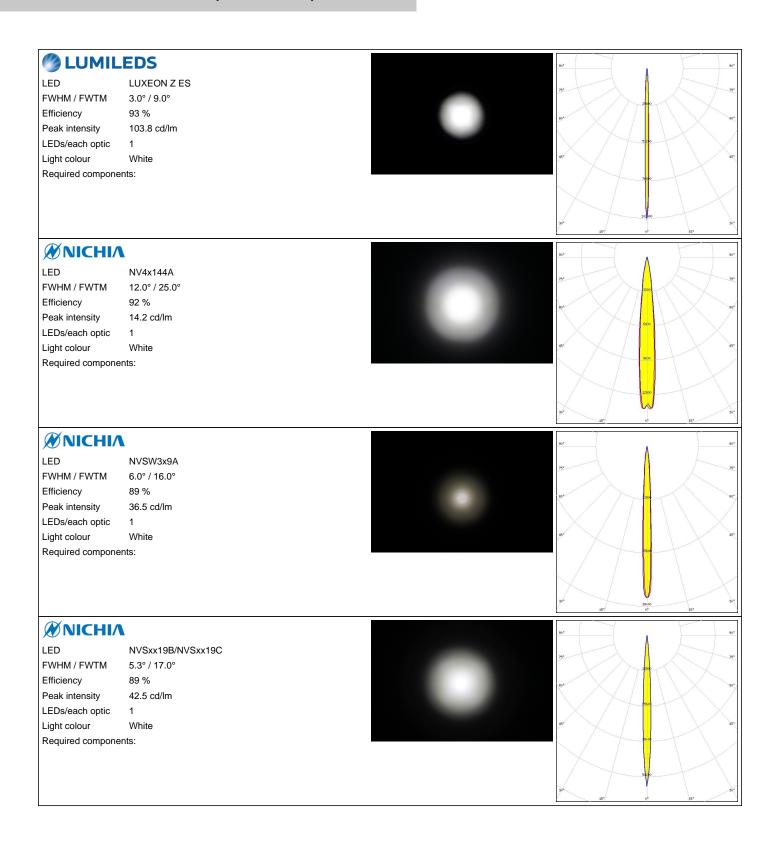
DESCRIPTION LUMILEDS

LED LUXEON A
FWHM / FWTM 5.1° / 14.0°
Efficiency 89 %
Peak intensity 58.9 cd/lm
LEDs/each optic 1

LEDs/each optic 1
Light colour White
Required components:





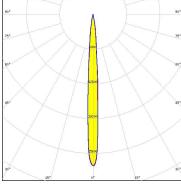




WNICHIA

LED NWSx229A
FWHM / FWTM 8.0° / 18.0°
Efficiency 92 %
Peak intensity 27.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

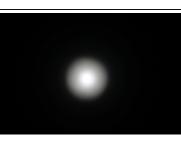


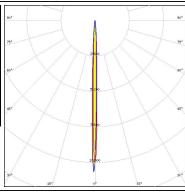


OSRAM

Opto Semiconductor

LED OSLON SSL 150
FWHM / FWTM 3.0° / 9.0°
Efficiency 94 %
Peak intensity 108.9 cd/lm
LEDs/each optic 1
Light colour White





SAMSUNG

Required components:

LED LH351B
FWHM / FWTM 5.3° / 14.0°
Efficiency 90 %
Peak intensity 57 cd/lm
LEDs/each optic 1
Light colour White
Required components:

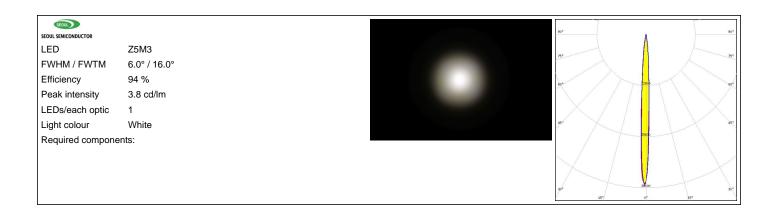


SAMSUNG

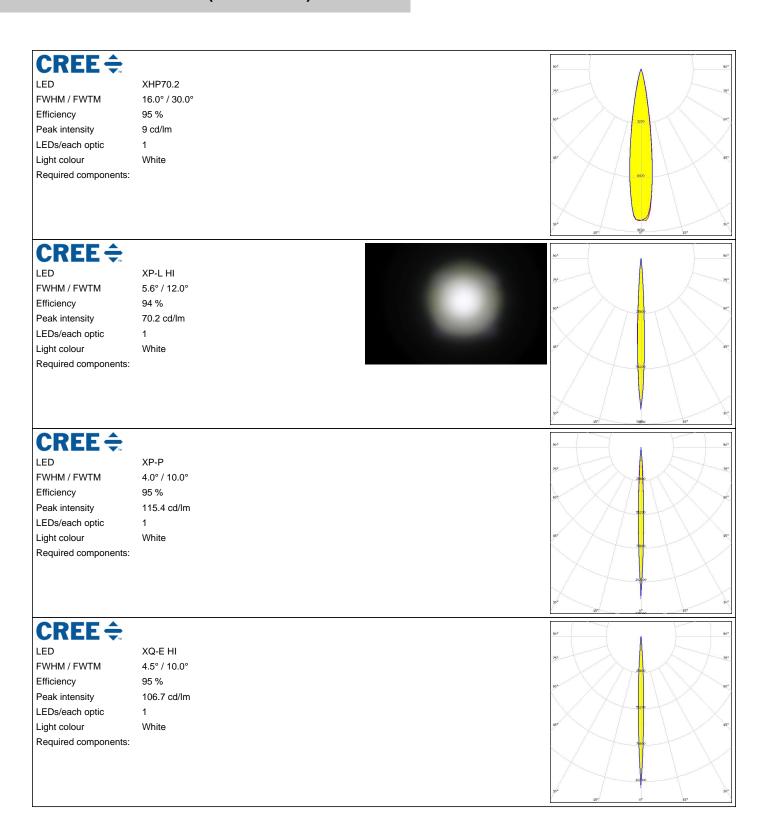
LED LH351Z
FWHM / FWTM 4.4° / 12.0°
Efficiency 90 %
Peak intensity 77 cd/lm
LEDs/each optic 1
Light colour White
Required components:



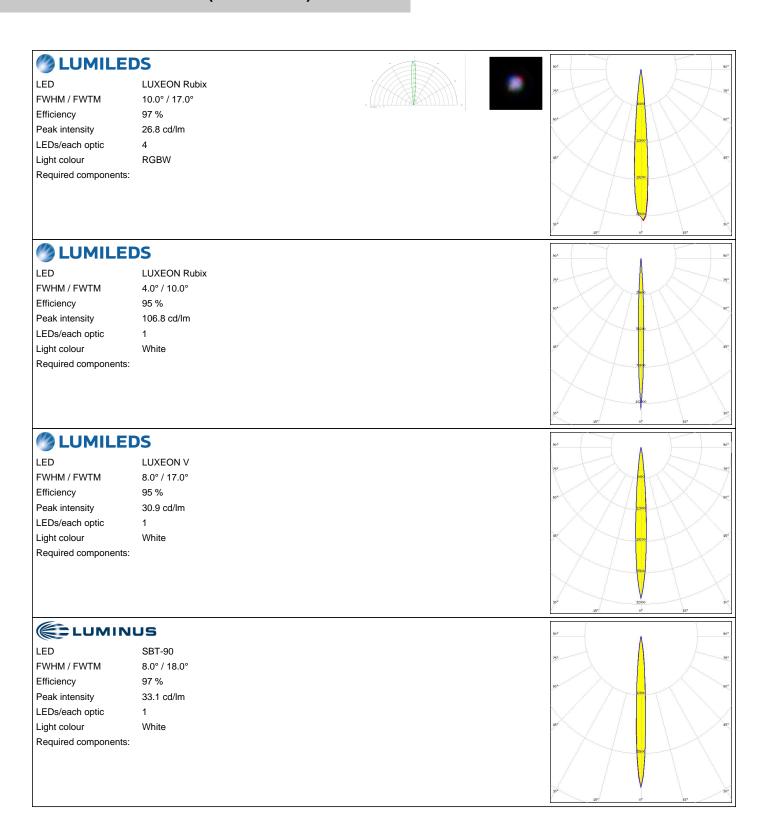














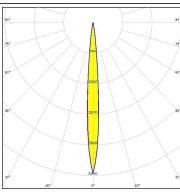


LED SST-40 FWHM / FWTM 8.0° / 16.0°

Efficiency 97 % Peak intensity 31.7 cd/lm

LEDs/each optic Light colour White

Required components:



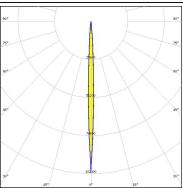
OSRAM

LED Duris S5 (Single chip)

FWHM / FWTM 4.0° / 10.0° Efficiency 95 % Peak intensity 101.9 cd/lm

LEDs/each optic 1 Light colour Green

Required components:

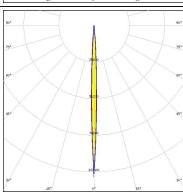


OSRAM Opto Semiconductor

LED Duris S5 (Single chip)

FWHM / FWTM 4.0° / 10.0° Efficiency 95 % Peak intensity 106 cd/lm

LEDs/each optic 1 Light colour Red Required components:



OSRAM

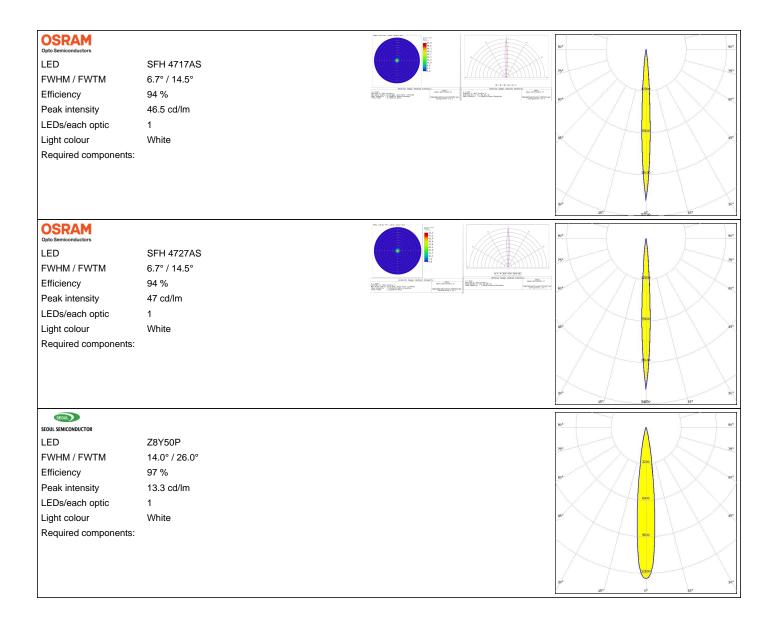
LED

OSTAR Projection Compact (Kx.CSLNM1.xx)

FWHM / FWTM 4.0° / 8.0° 94 % Efficiency Peak intensity 139.7 cd/lm

LEDs/each optic White Light colour Required components:







PRODUCT DATASHEET FCN13552 CRYSTAL-RS

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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LEDIL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support

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