

IRIS

~5° real spot beam optimized for CREE XP-E. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions Ø 38.0 mm

Height 27.1 mm

Fastening glue, tape, pin, screw

ROHS compliant yes 1



MATERIALS:

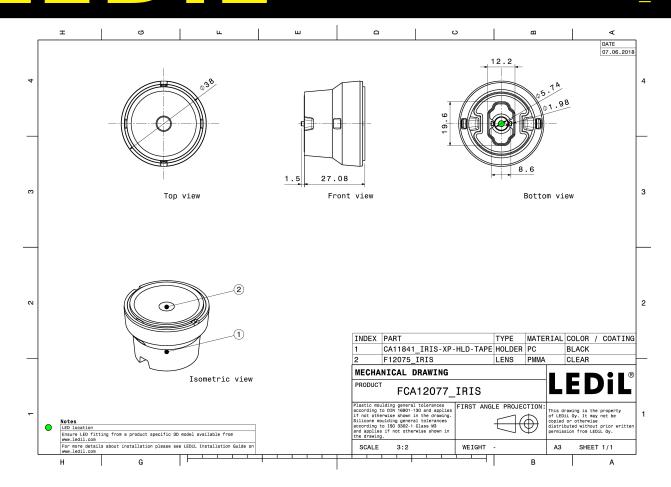
ComponentTypeMaterialColourFinishIRISSingle lensPMMAclearIRIS-XP-HLD-TAPEAssemblyPCblack

ORDERING INFORMATION:

» Box size: 480 x 280 x 300 mm

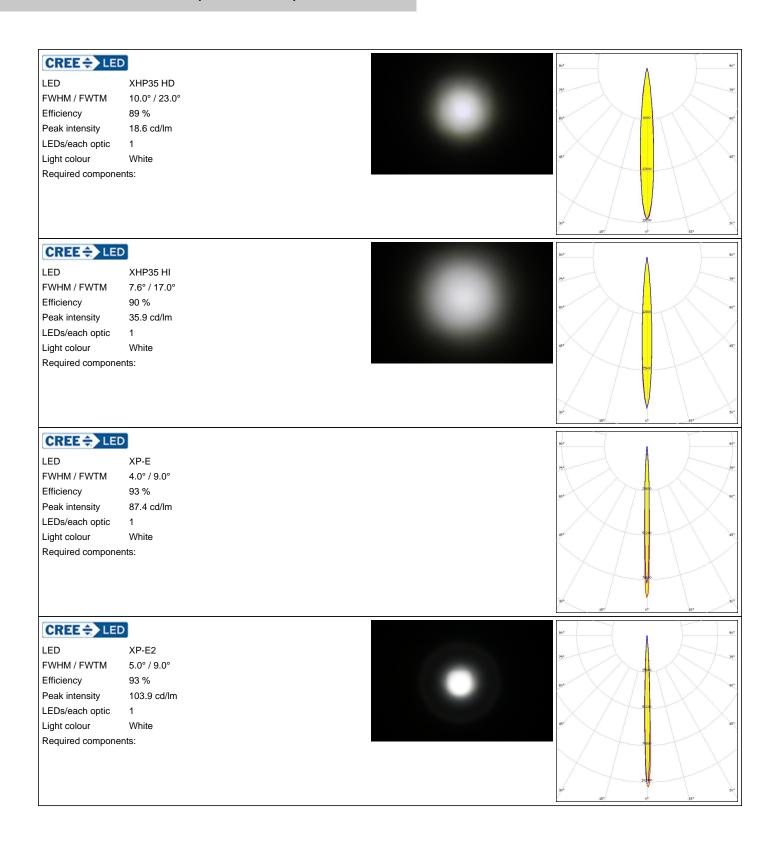
ComponentQty in boxMOQMPQBox weight (kg)FCA12077_IRISSingle lens378126428.9

PRODUCT DATASHEET FCA12077_IRIS

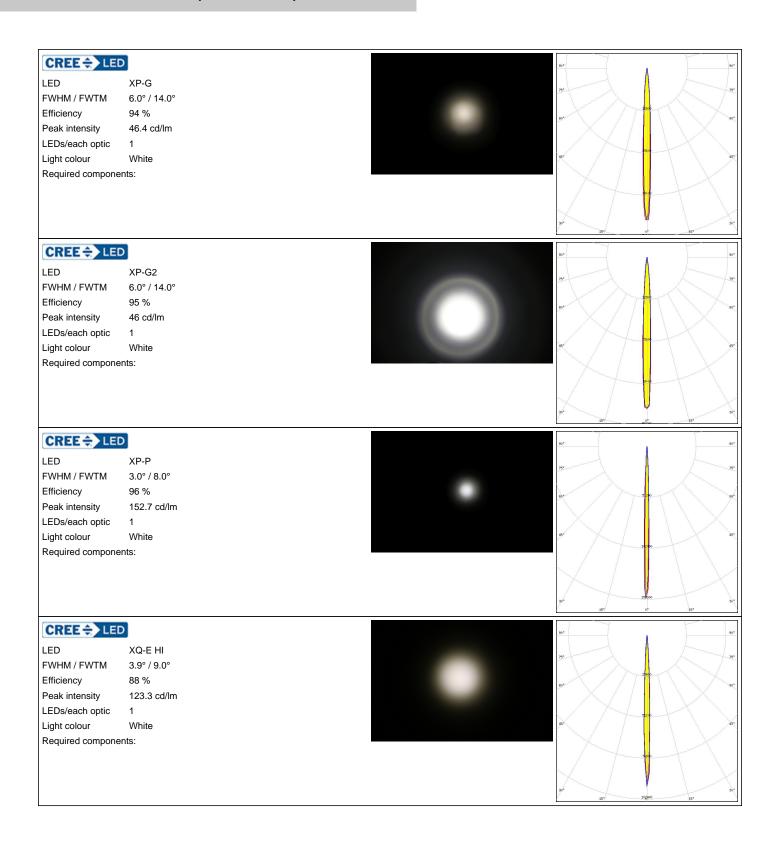


See also our general installation guide: www.ledil.com/installation_guide

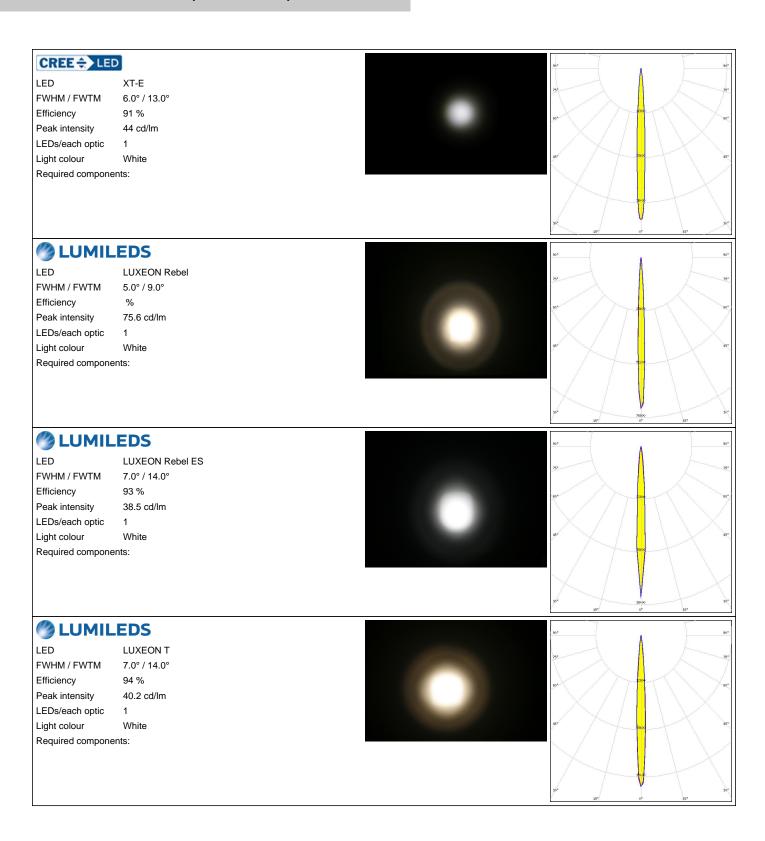










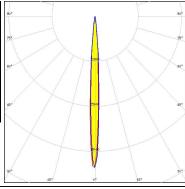




MUMILEDS

LED LUXEON TX
FWHM / FWTM 6.9° / 15.0°
Efficiency 89 %
Peak intensity 43.1 cd/lm
LEDs/each optic 1
Light colour White

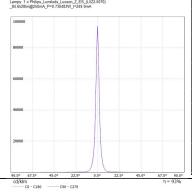


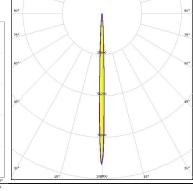


MUMILEDS

Required components:

LED LUXEON Z ES
FWHM / FWTM 4.0° / 9.0°
Efficiency 93 %
Peak intensity 94.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:





WNICHIA

LED NCSxx19A FWHM / FWTM 5.0° / 11.0°

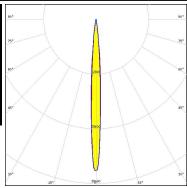
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM / FWTM 7.0° / 16.0°
Efficiency 94 %
Peak intensity 35.7 cd/lm
LEDs/each optic 1

Light colour White Required components:

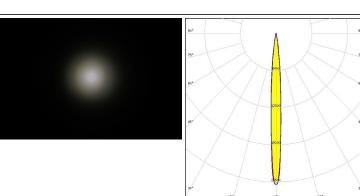






WNICHIA

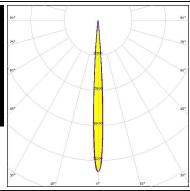
LED NVSW3x9A
FWHM / FWTM 8.0° / 18.0°
Efficiency 89 %
Peak intensity 26.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



WNICHIA

LED NVSW719AC
FWHM / FWTM 7.0° / 11.0°
Efficiency 91 %
Peak intensity 55.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:





WNICHIA

 LED
 NVSxx19A

 FWHM / FWTM
 6.0° / 14.0°

 Efficiency
 93 %

 Peak intensity
 38.7 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:

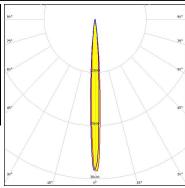


Required components:

LED NVSxx19B/NVSxx19C

FWHM / FWTM 7.0° / 15.0°
Efficiency 92 %
Peak intensity 36.6 cd/lm
LEDs/each optic 1
Light colour White





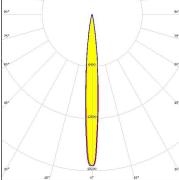




LED NWSx229A $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 10.0° / 21.0° Efficiency 91 % Peak intensity 18.6 cd/lm LEDs/each optic

Light colour White Required components:



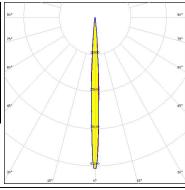


OSRAM

OSLON Square EC LED

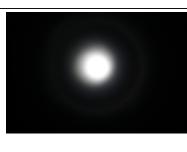
FWHM / FWTM 6.0° / 12.0° Efficiency 92 % Peak intensity 52 cd/lm LEDs/each optic 1 White Light colour Required components:

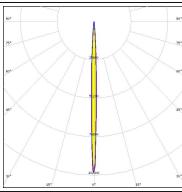




OSRAM Opto Semiconductor

LED OSLON SSL 150 FWHM / FWTM 4.0° / 9.0° Efficiency 94 % Peak intensity 101 cd/lm LEDs/each optic Light colour White Required components:



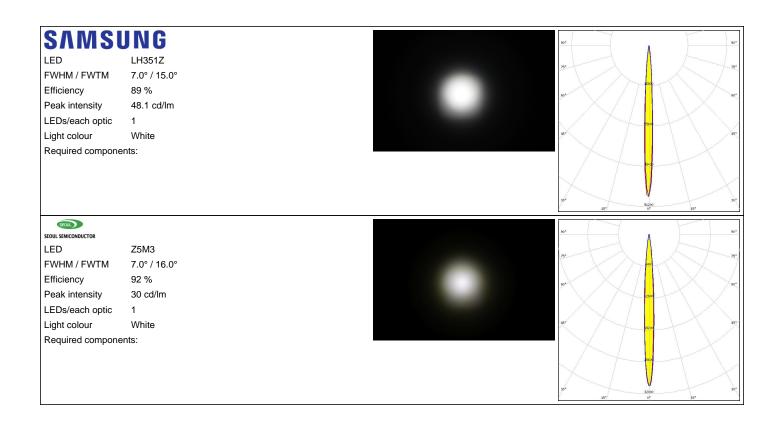


OSRAM

LED

OSLON SSL 80 FWHM / FWTM 4.0° / 9.0° Efficiency 90 % Peak intensity 89 cd/lm LEDs/each optic White Light colour Required components:





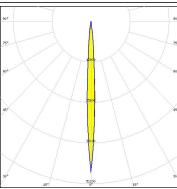


White

CREE 1 LED

LED XD16
FWHM / FWTM 6.0° / 14.0°
Efficiency 91 %
Peak intensity 47.9 cd/lm
LEDs/each optic 1

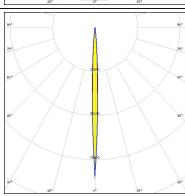
Light colour
Required components:



CREE - LED

LED XE-G
FWHM / FWTM 4.0° / 10.0°
Efficiency 91 %
Peak intensity 87.9 cd/lm
LEDs/each optic 1
Light colour White

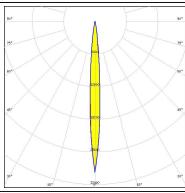
Required components:



CREE + LED

LED XP-G2 HE
FWHM / FWTM 8.0° / 18.0°
Efficiency 92 %
Peak intensity 29.7 cd/lm
LEDs/each optic 1
Light colour White

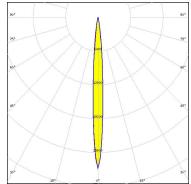
Required components:



CREE - LED

Required components:

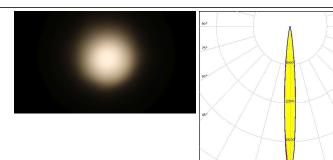
LED XP-G3
FWHM / FWTM 7.7° / 18.0°
Efficiency 91 %
Peak intensity 28.7 cd/lm
LEDs/each optic 1
Light colour White







LED XP-L HD
FWHM / FWTM 8.6° / 19.0°
Efficiency 93 %
Peak intensity 25.3 cd/lm
LEDs/each optic 1
Light colour White



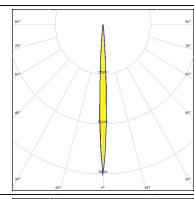
CREE - LED

Required components:

LED XQ-E HD
FWHM / FWTM 5.0° / 11.5°
Efficiency 93 %
Peak intensity 80 cd/lm
LEDs/each optic 1
Light colour White
Required components:

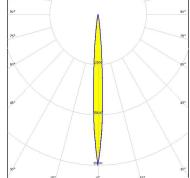
CREE - LED

LED XQ-E HD
FWHM / FWTM 5.3° / 11.0°
Efficiency 94 %
Peak intensity 77.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MUMILEDS

LED LUXEON H50-2
FWHM / FWTM 7.0° / 15.0°
Efficiency 94 %
Peak intensity 38.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



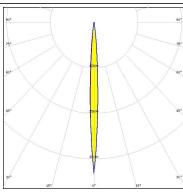




LED LUXEON SunPlus 20 Line (150 deg)

FWHM / FWTM 6.0° / 14.0°
Efficiency 90 %
Peak intensity 42.7 cd/lm
LEDs/each optic 1
Light colour White

Required components:

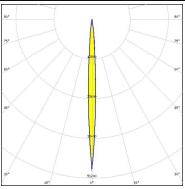


LUMILEDS

LED LUXEON SunPlus 35 Line

FWHM / FWTM 6.0° / 15.0°
Efficiency 94 %
Peak intensity 49.9 cd/lm
LEDs/each optic 1
Light colour Blue

Required components:



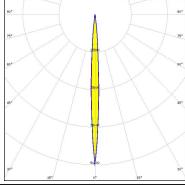
ELUMINUS

LED SST-10-B130
FWHM / FWTM 6.0° / 13.0°
Efficiency 94 %
LEDs/each optic 1
Light colour IR

Light colour I Required components:





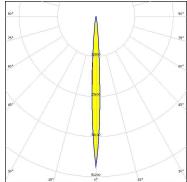


ELUMINUS

LED SST-20
FWHM / FWTM 6.0° / 14.0°
Efficiency 93 %
Peak intensity 48.4 cd/lm

Peak intensity 48.4 c LEDs/each optic 1 Light colour White

Required components:



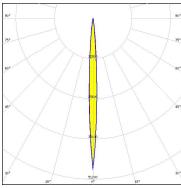


OSRAM

LED Duris S5 (Single chip)

FWHM / FWTM 6.0° / 14.0° Efficiency 94 % Peak intensity 48.2 cd/lm LEDs/each optic Light colour Yellow

Required components:

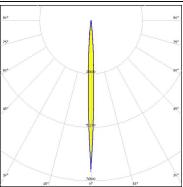


OSRAM

LED Duris S5 (Single chip)

FWHM / FWTM 4.0° / 12.0° Efficiency 93 % Peak intensity 72.5 cd/lm LEDs/each optic 1 Green Light colour

Required components:

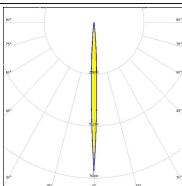


OSRAM Opto Semiconductor

LED Duris S5 (Single chip)

FWHM / FWTM 4.0° / 12.0° Efficiency 93 % Peak intensity 74.7 cd/lm

LEDs/each optic 1 Light colour Red Required components:



OSRAM

Light colour

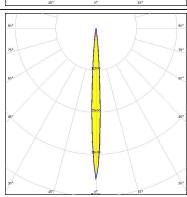
LED

OSCONIQ P 3737 (2W version)

FWHM / FWTM 6.0° / 14.0° 94 % Efficiency Peak intensity 46.2 cd/lm LEDs/each optic

White

Required components:



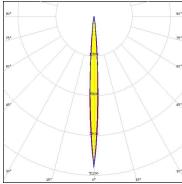


OSRAM

LED OSLON Black Flat (LUW HWQP)

FWHM / FWTM 6.0° / 14.0° Efficiency 94 % Peak intensity 48.9 cd/lm LEDs/each optic Light colour White

Required components:

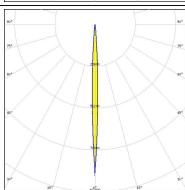


OSRAM

LED OSLON Black Flat (LUW HWQP)

FWHM / FWTM 4.2° / 10.0° Efficiency 94 % Peak intensity 92 cd/lm LEDs/each optic 1 White Light colour

Required components:



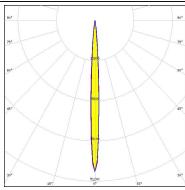
OSRAM Opto Semiconductor

OSLON Square CSSRM2/CSSRM3 LED

White

FWHM / FWTM 6.4° / 14.0° Efficiency 94 % Peak intensity 48.3 cd/lm LEDs/each optic

Light colour Required components:



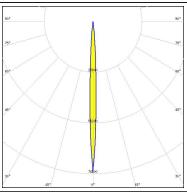
OSRAM

LED

OSTAR Projection Compact (KW.CSLNM1.TG)

FWHM / FWTM 6.0° / 12.0° 94 % Efficiency Peak intensity 76.4 cd/lm LEDs/each optic White Light colour

Required components:





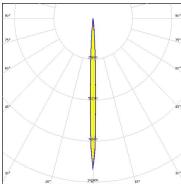
OSRAM

LED OSTAR Projection Compact (KW.CSLNM1.TG)

White

FWHM / FWTM 4.0° / 10.0° Efficiency 93 % Peak intensity 94.8 cd/lm LEDs/each optic 1

Required components:

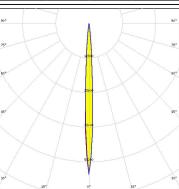


OSRAM

Light colour

Opto Semiconductors

LED SFH 4716AS
FWHM / FWTM 6.0° / 12.0°
Efficiency 94 %
LEDs/each optic 1
Light colour IR
Required components:



SAMSUNG

 LED
 LH351C

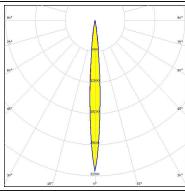
 FWHM / FWTM
 8.0° / 18.0°

 Efficiency
 93 %

 Peak intensity
 31.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

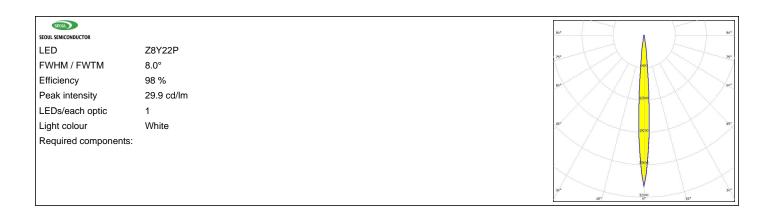
 LED
 LH351D

 FWHM / FWTM
 9.3° / 21.0°

 Efficiency
 90 %

Peak intensity 21 cd/lm
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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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

www.ledil.com/ where_to_buy

Shipping locations

Salo, Finland Hong Kong, China

Distribution Partners

www.ledil.com/ where_to_buy