

HB-2X2-WWW

~100° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions 50.0 mm

Height 10 mm

Fastening tape, screw

ROHS compliant yes 1



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishHB-2X2-WWWMulti-lensPMMAclear

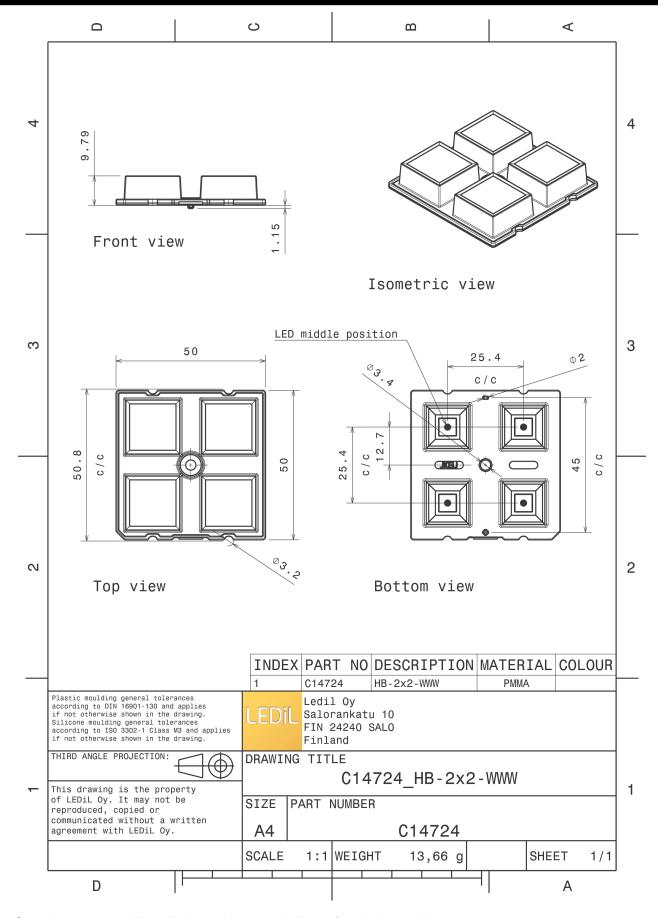
ORDERING INFORMATION:

Component Qty in box MOQ MPQ

C14724_HB-2X2-WWW 800 160 160 11.7 » Box size: 480 x 280 x 300 mm

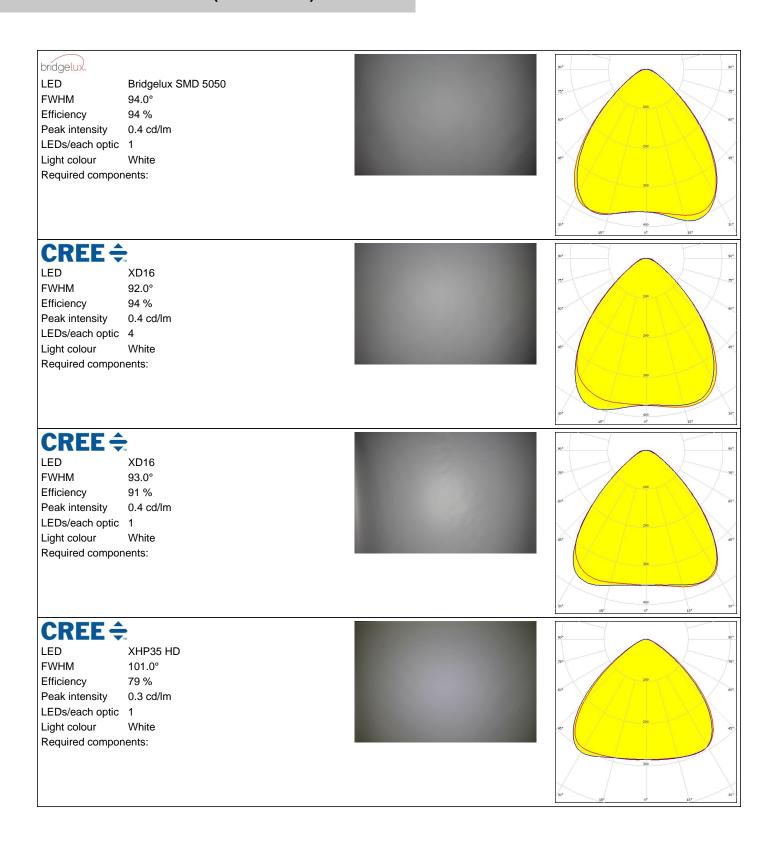
Box weight (kg)



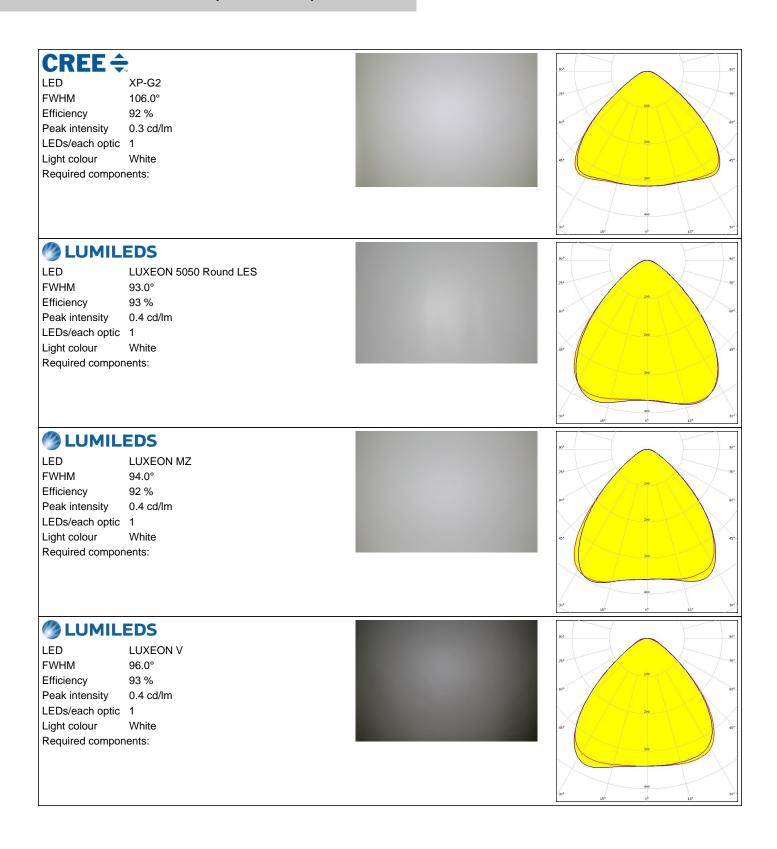


See also our general installation guide: www.ledil.com/installation_guide

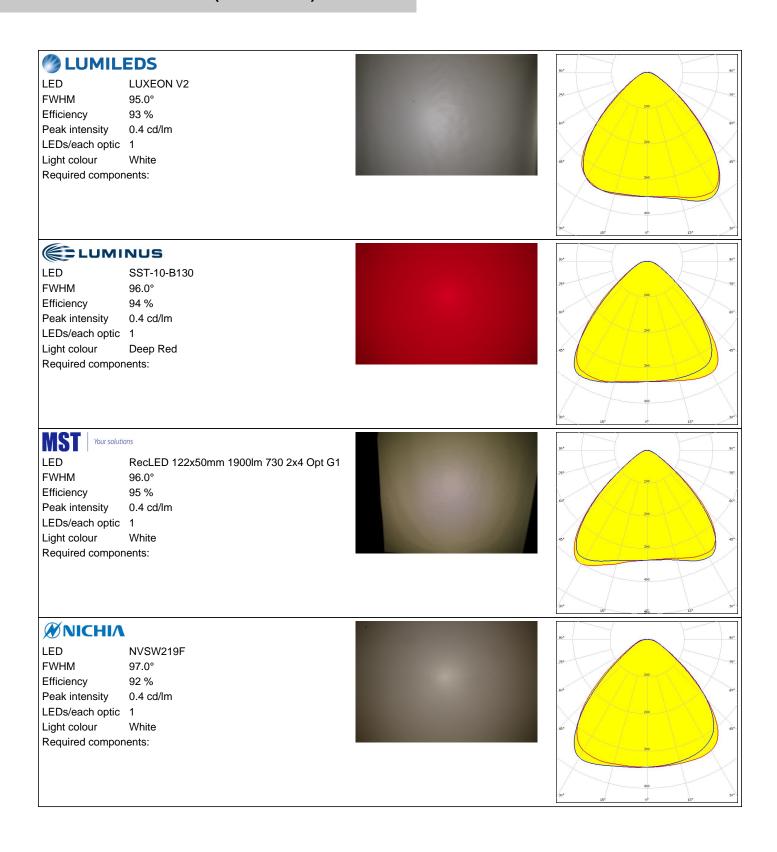




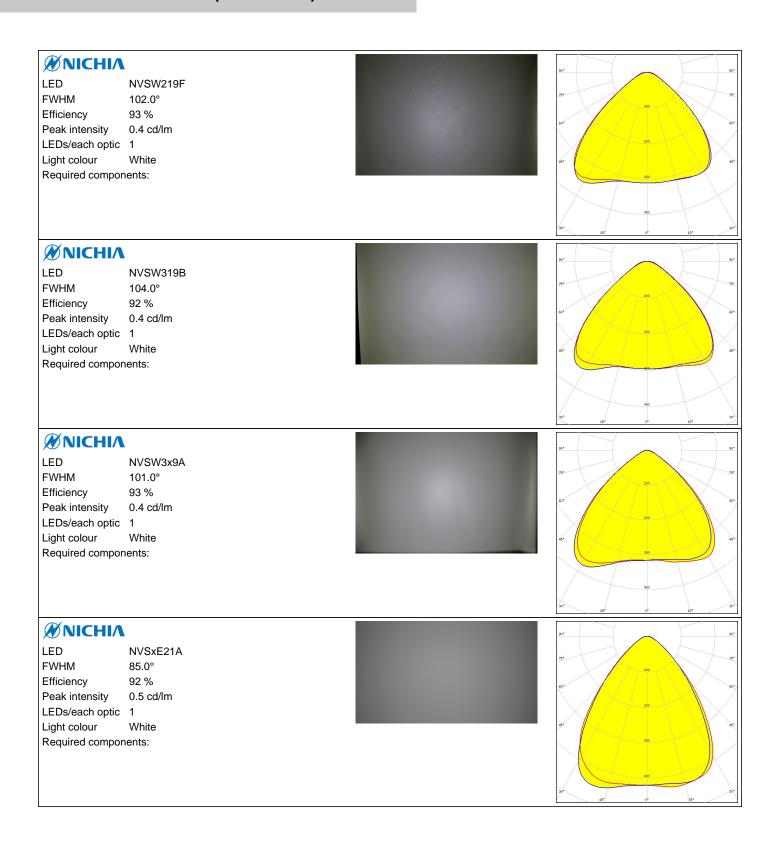




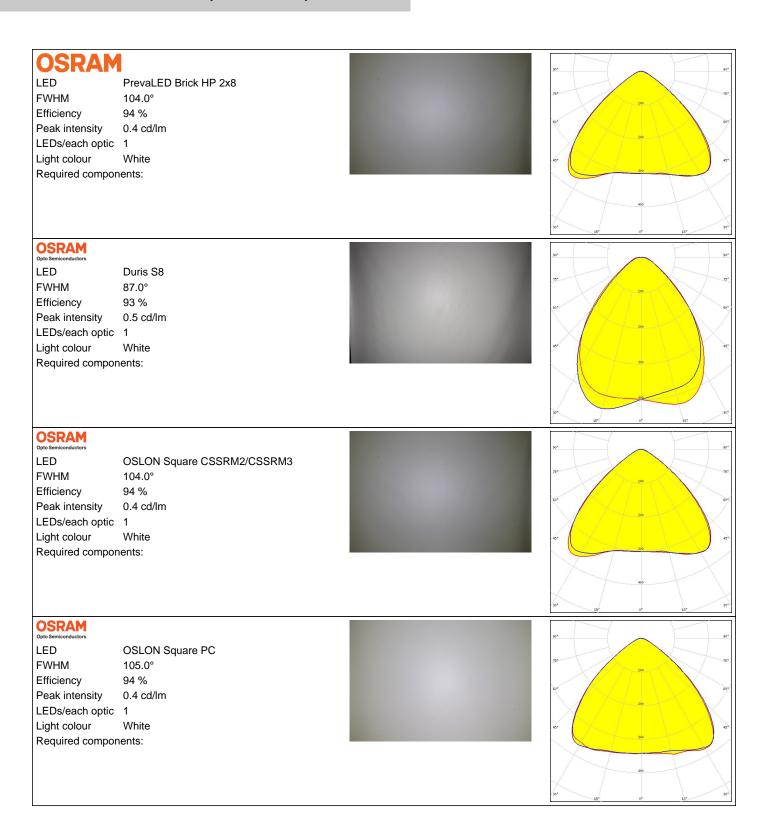










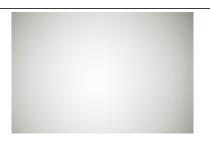


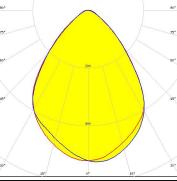


OSRAM

LED OSLON SSL 80

FWHM 82.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White





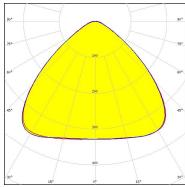
PHILIPS

Required components:

LED Fortimo FastFlex LED 2x8 DA G4

FWHM 104.0°
Efficiency 92 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



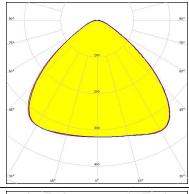


PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

FWHM 101.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:





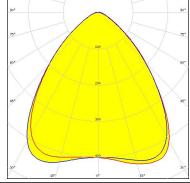
SAMSUNG

LED HILOM RC12 Z (LH181B)

FWHM 86.0°
Efficiency 96 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:







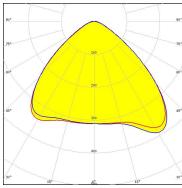
SAMSUNG

LED HiLOM RH12 Z (LH351C)

FWHM 98.0° Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White

Required components:



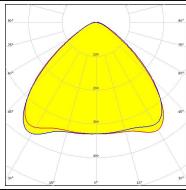


SAMSUNG

LED HILOM RH16 (LH351C)

FWHM 102.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:





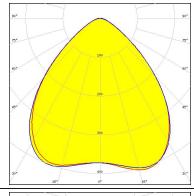
SAMSUNG

LED HiLOM RM12 Z (LH502C)

FWHM 91.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:





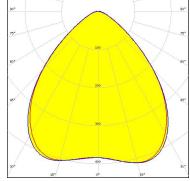
SAMSUNG

LED HILOM RM16 Z (LH502C)

FWHM 91.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:







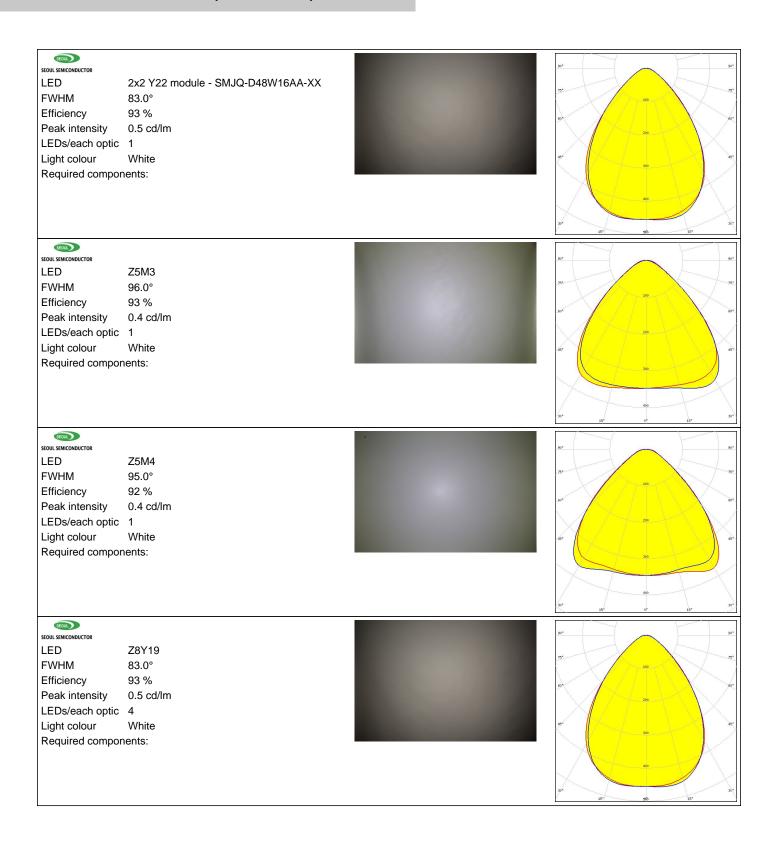
White

Light colour

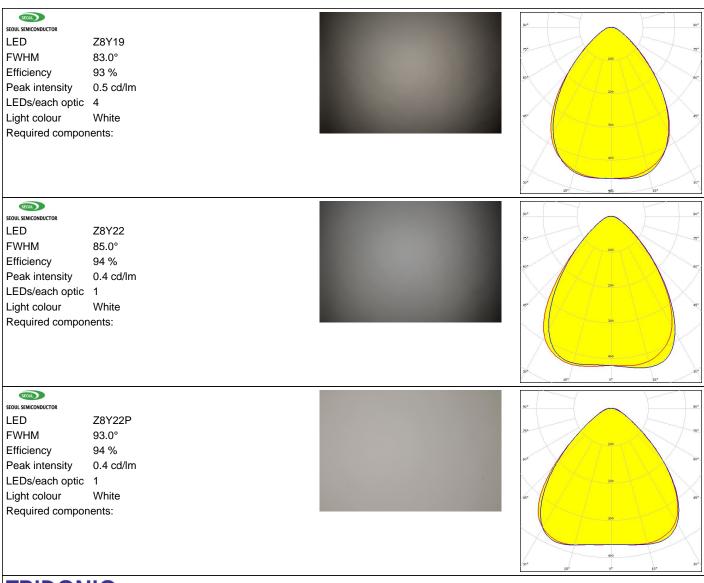
Required components:

SAMSUNG HiLOM RM8 Z (LH502C) LED **FWHM** 91.0° Efficiency 96 % 0.4 cd/lm Peak intensity LEDs/each optic 1 Light colour White Required components: **SAMSUNG** LED LH351B **FWHM** 102.0° Efficiency 81 % Peak intensity 0.3 cd/lm LEDs/each optic 1 White Light colour Required components: **SAMSUNG** LED LH351D **FWHM** 107.0° Efficiency 94 % 0.4 cd/lm Peak intensity LEDs/each optic 1 Light colour White Required components: **SAMSUNG** LED LH508A **FWHM** 95.0° 93 % Efficiency 0.4 cd/lm Peak intensity LEDs/each optic 1









TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD

FWHM 99.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

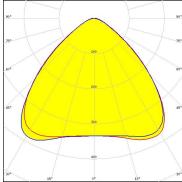


TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM 99.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

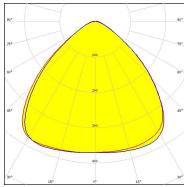




TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

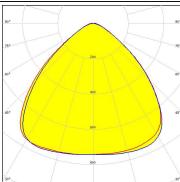
FWHM 98.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM 98.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

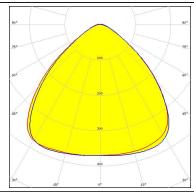


TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

FWHM 98.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:







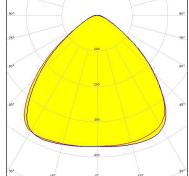
TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM 98.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



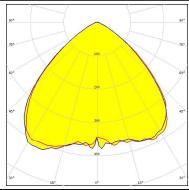




CREE \$

LED J Series 5050 Round LES

FWHM 98.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

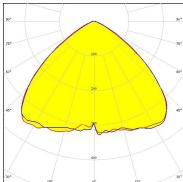


CREE &

Required components:

LED XHP35 HI
FWHM 99.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm

LEDs/each optic 1
Light colour White
Required components:



CREE \$

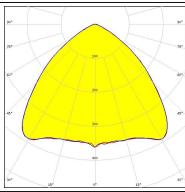
 LED
 XP-E2

 FWHM
 98.0°

 Efficiency
 96 %

 Peak intensity
 0.4 cd/lm

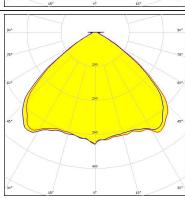
LEDs/each optic 1
Light colour White
Required components:



CREE 💠

LED XP-G2 HE
FWHM 106.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Light colour V
Required components:





CREE \$

LED XP-G3

FWHM 96.0° Efficiency 91 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass

CREE 🕏

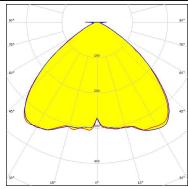
LED XP-G3

FWHM 98.0°

Efficiency 94 % Peak intensity 0.4 cd/lm

Peak Intensity 0.4 cd/I

LEDs/each optic 1
Light colour White
Required components:



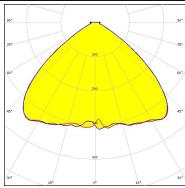
CREE \$

LED XP-L2 FWHM 104.0°

FWHM 104.0° Efficiency 94 %

Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White

Required components:

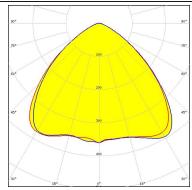


DESCRIPTION LUMILEDS

LED LUXEON 3535L

FWHM 92.0° Efficiency 94 % Peak intensity 0.4 cd/lm

LEDs/each optic 1 Light colour White Required components:





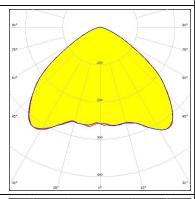


LED LUXEON 5050 Square LES

FWHM 98.0°
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

MUMILEDS

LED LUXEON C
FWHM 108.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White



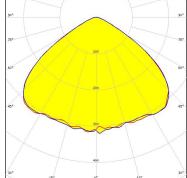
MUMILEDS

Required components:

Required components:

LED LUXEON T
FWHM 112.0°
Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

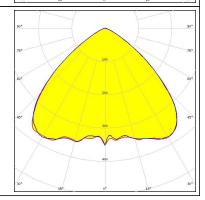
White



WNICHIA

Light colour

LED NV4WB35AM
FWHM 100.0°
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



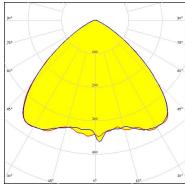


WNICHIA

LED NVSxx19B/NVSxx19C

FWHM 100.0° 95 % Efficiency 0.4 cd/lm Peak intensity LEDs/each optic Light colour White

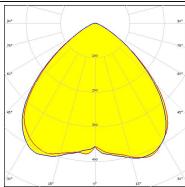
Required components:



OSRAM

LED Duris S8 **FWHM** 92.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour

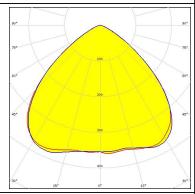
Required components:



OSRAM Opto Semiconductor

LED Duris S8 **FWHM** 100.0° Efficiency 91 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:

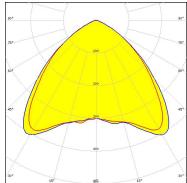
Protective plate, glass



OSRAM Opto Semiconductors

LED OSCONIQ P 3030

FWHM 96.0° 96 % Efficiency 0.4 cd/lm Peak intensity LEDs/each optic White Light colour Required components:



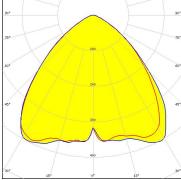


OSRAM

LED OSCONIQ P 3737 (2W version)

FWHM 90.0° 94 % Efficiency 0.4 cd/lm Peak intensity LEDs/each optic Light colour White

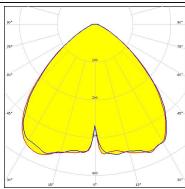
Required components:



OSRAM

LED OSCONIQ P 3737 (3W version)

FWHM 93.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:

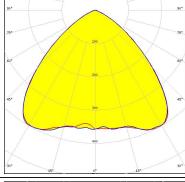


OSRAM Opto Semicondu-

LED OSCONIQ P 3737 Flat

FWHM 96.0° Efficiency 96 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

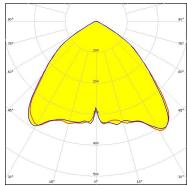
Required components:



OSRAM Opto Semiconductors

LED OSLON Square Flat

FWHM 97.0° 97 % Efficiency 0.4 cd/lm Peak intensity LEDs/each optic White Light colour Required components:

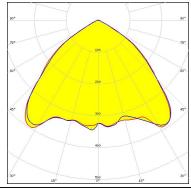




OSRAM

LED OSTAR Projection Compact (Kx.CSLNM1.xx)

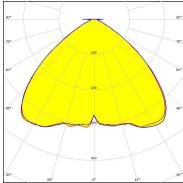
FWHM 100.0° 97 % Efficiency 0.4 cd/lm Peak intensity LEDs/each optic Light colour White



Required components:

LED Fortimo FastFlex LED 2x8 DAX G4

FWHM 98.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:



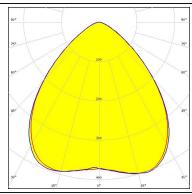
SAMSUNG

Required components:

LED HiLOM RM16 Z (LH502C)

FWHM 90.0° Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

Protective plate, glass

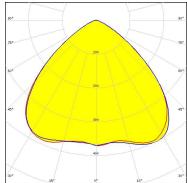


SEOUL SEOUL SEMICONDUCTOR

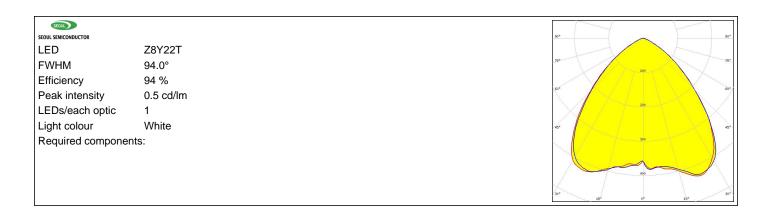
LED SEOUL DC 5050 6V

FWHM 94.0° 94 % Efficiency Peak intensity LEDs/each optic

0.4 cd/lm White Light colour Required components:









PRODUCT DATASHEET C14724_HB-2X2-WWW

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