

HB-IP-2X6-O

~30° + 115° oval beam

SPECIFICATION:

Dimensions 173.0 x 71.4 mm

Height 13.1 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishHB-IP-2X6-OMulti-lensPMMAclear2X6-SEAL25SealSiliconewhite

ORDERING INFORMATION:

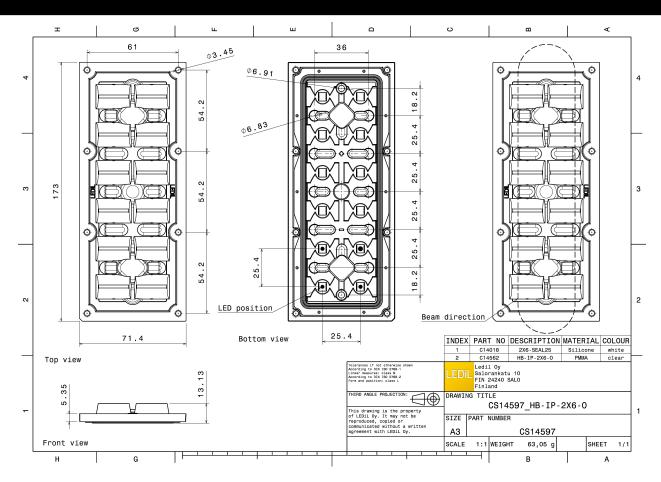
» Box size: 476 x 273 x 247 mm

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 CS14597_HB-IP-2X6-O
 Multi-lens
 108
 36
 36
 8.0

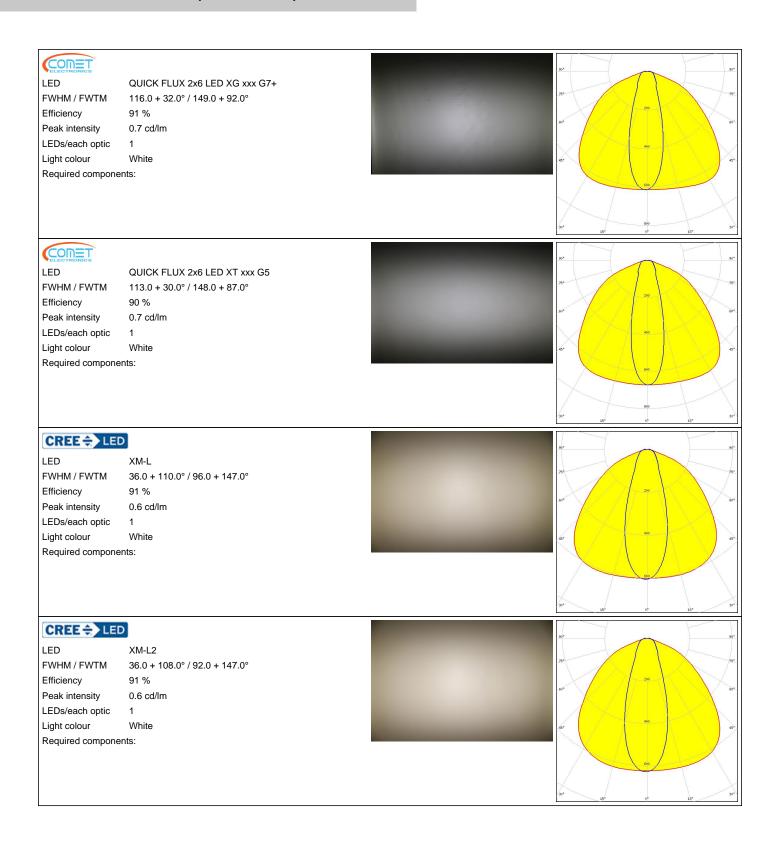


PRODUCT DATASHEET CS14597_HB-IP-2X6-O

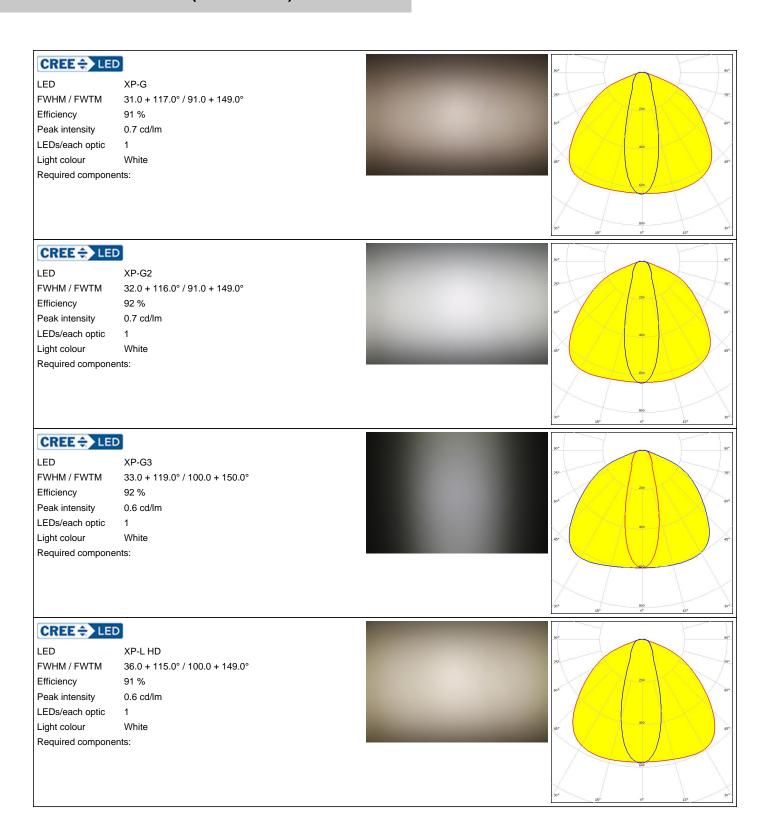


See also our general installation guide: www.ledil.com/installation_guide





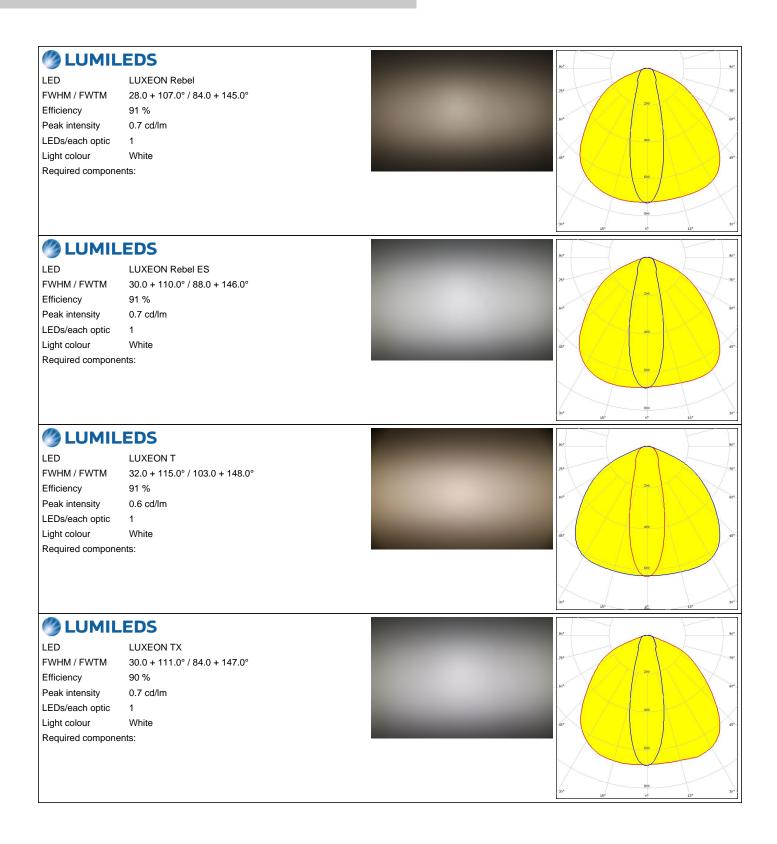




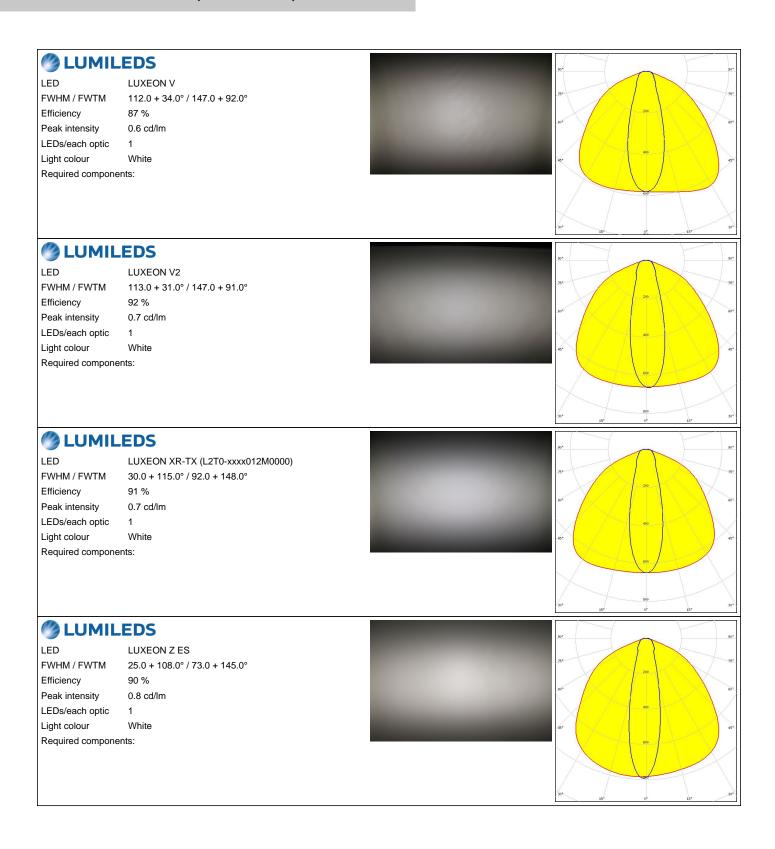














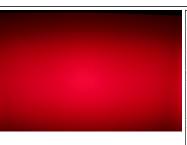
LED SST-10-B130

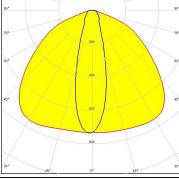
FWHM / FWTM 114.0 + 28.0° / 147.0 + 70.0°

Efficiency 93 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1

Light colour Deep Red

Required components:





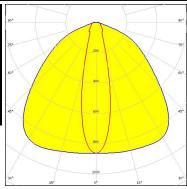
Your solution

LED RecLED 146x45mm 2900lm 730 2x6 IP G1

FWHM / FWTM 24.0 + 103.5° / 56.5 + 143.5°

Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:





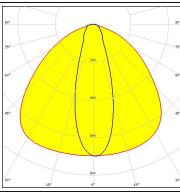
WNICHIA

LED NVSW219D

FWHM / FWTM 106.0 + 32.0° / 145.0 + 85.0°

Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



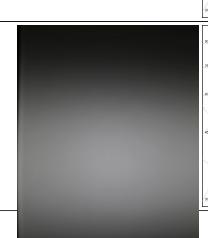


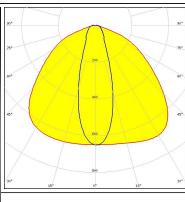
WNICHIA

LED NVSW219F

FWHM / FWTM 112.0 + 32.0° / 147.0 + 88.0°

Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

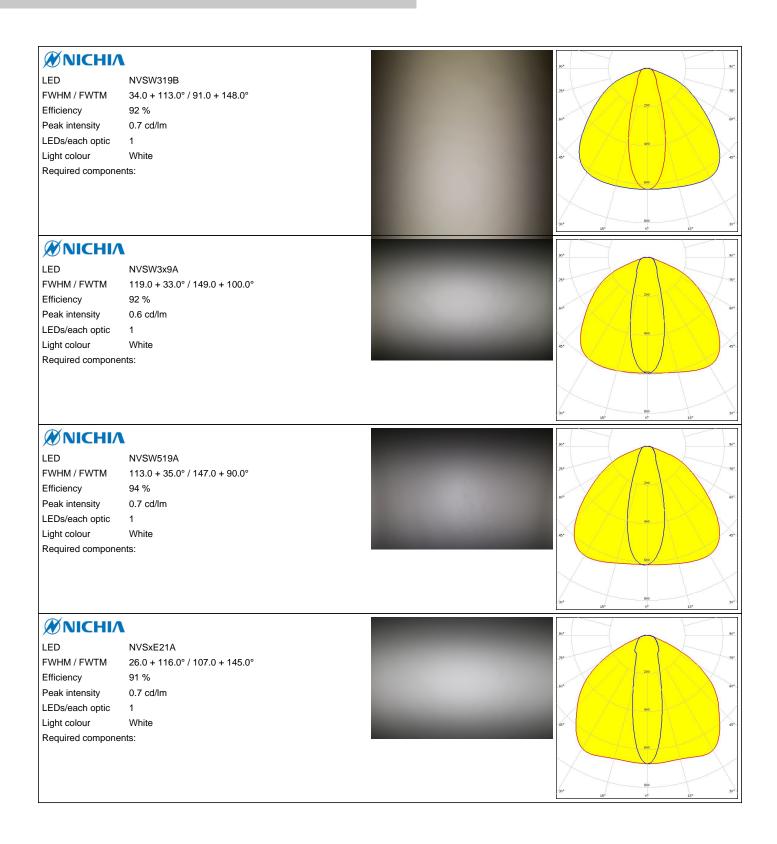




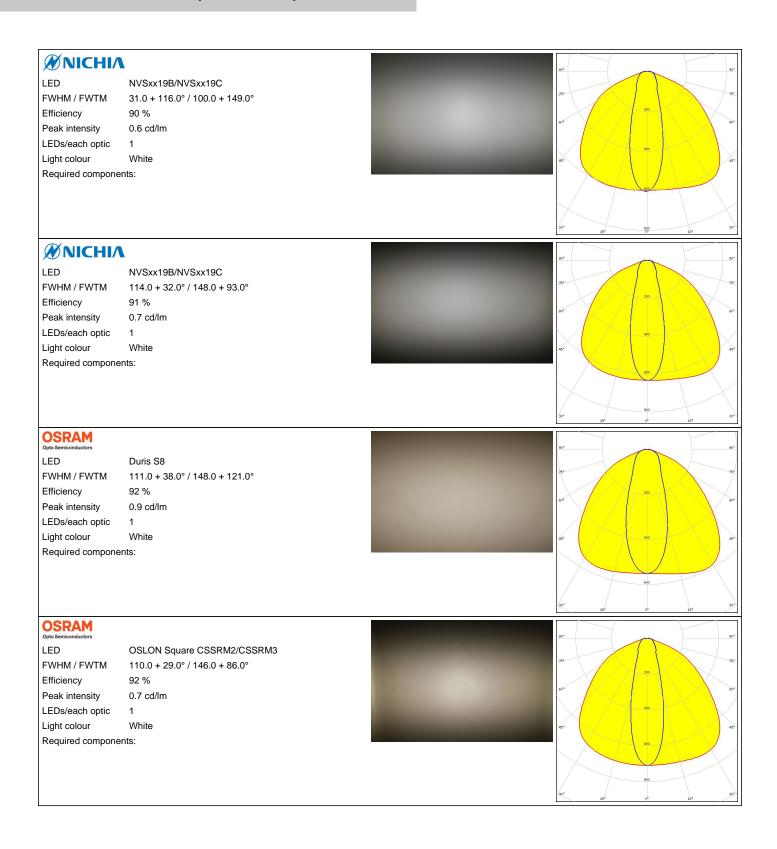
Last update: 13/02/2023

Subject to change without prior notice







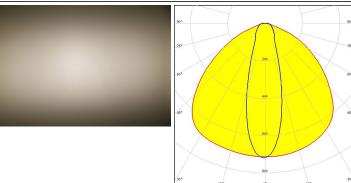




OSRAM

LED OSLON Square EC FWHM / FWTM 30.0 + 108.0° / 87.0 + 145.0°

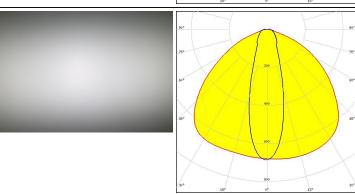
Efficiency 91 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

LED OSLON Square PC FWHM / FWTM 30.0 + 111.0° / 91.0 + 146.0°

Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic 1 White Light colour Required components:

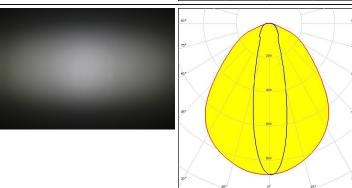


OSRAM Opto Semiconductor

LED OSLON SSL 80

FWHM / FWTM 26.0 + 92.0° / 81.0 + 143.0°

Efficiency 93 % Peak intensity 0.9 cd/lm LEDs/each optic Light colour White Required components:

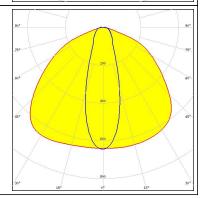


PHILIPS

Fortimo FastFlex LED 2x6 DP G4

FWHM / FWTM 32.0 + 116.0° / 91.0 + 149.0°

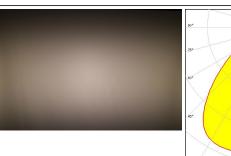
Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic White Light colour Required components:

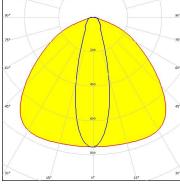


PHILIPS

LED Fortimo FastFlex LED 2x6 DP G5 FWHM / FWTM 108.0 + 29.0° / 145.0 + 72.0°

Efficiency 94 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



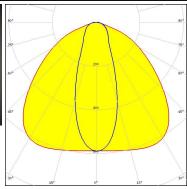


PHILIPS

LED Fortimo FastFlex LED 2x6 DP HE FWHM / FWTM 106.0 + 37.0° / 146.0 + 110.0°

Efficiency 94 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

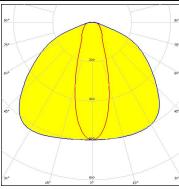




PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4 FWHM / FWTM 33.0 + 119.0° / 100.0 + 150.0°

Efficiency 92 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



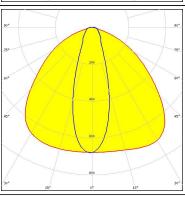
SAMSUNG

LED HILOM RH12 (LH351C)

FWHM / FWTM 107.0 + 32.0° / 145.0 + 85.0°

Efficiency 92 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:





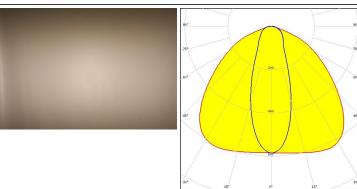


SAMSUNG

LED HILOM RM12 ZP (LH502C)

FWHM / FWTM 107.0 + 37.0° / 146.0 + 111.0°

Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

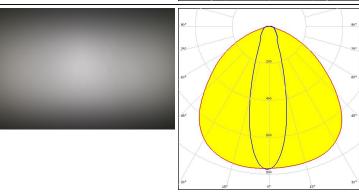


SAMSUNG

LED LH351Z

FWHM / FWTM 29.0 + 104.0° / 70.0 + 144.0°

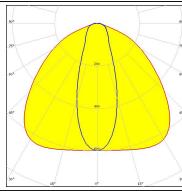
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SCIOLUX

LED BALAM-VP-5250-750-36

FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

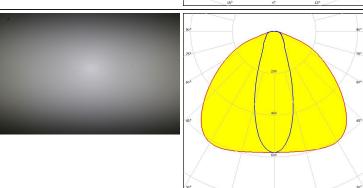


SCIOLUX

LED ROY-S26XPL2 (XP-L2)

FWHM / FWTM 116.0 + 36.0° / 150.0 + 98.0°

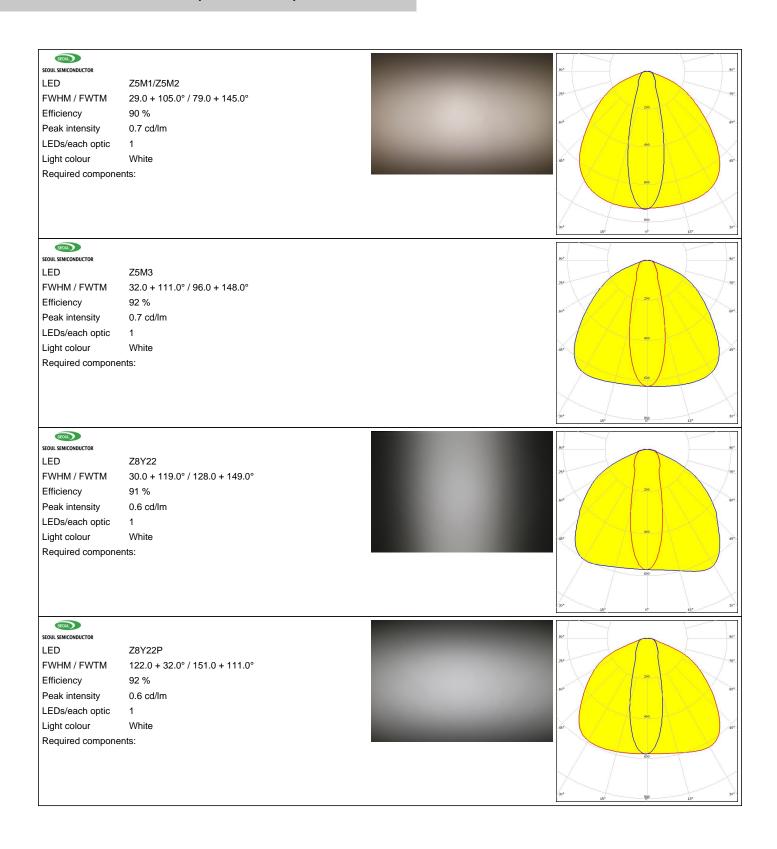
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:













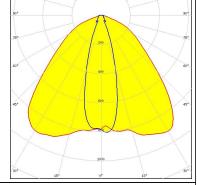
TOSHIBA LED TL1L4 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ $29.0 + 107.0^{\circ} / 88.0 + 144.0^{\circ}$ Efficiency 87 % Peak intensity 0.7 cd/lm LEDs/each optic Light colour White Required components: **TRIDONIC** LED RLE 2x6 3000lm HP EXC2 OTD FWHM / FWTM 108.0 + 29.0° / 146.0 + 82.0° Efficiency 92 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:



CREE . LED

LED J Series 5050 Round LES FWHM / FWTM 29.0 + 96.0° / 50.0 + 141.0°

Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

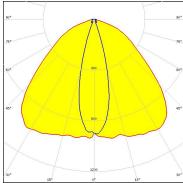


CREE & LED

LED XP-G2 HE

FWHM / FWTM 103.0 + 28.0° / 144.0 + 42.0°

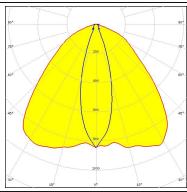
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MATERIAL PROPERTY OF THE PROP

LED LUXEON 5050 Round LES FWHM / FWTM 34.0 + 96.0° / 61.0 + 141.0°

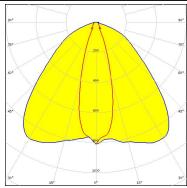
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



DESCRIPTION LUMILEDS

LED LUXEON 5050 Square LES FWHM / FWTM 30.0 + 98.0° / 52.0 + 141.0°

Efficiency 95 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:





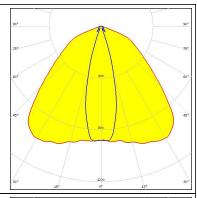
WNICHIA

LED NV4WB35AM

FWHM / FWTM 100.0 + 28.0° / 140.0 + 42.0°

Efficiency 95 % Peak intensity 1 cd/lm LEDs/each optic Light colour White

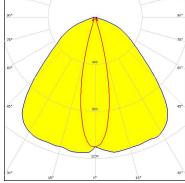
Required components:



LED PrevaLED Brick HP IP 2x6 FWHM / FWTM 24.0 + 97.0° / 36.0 + 141.0°

Efficiency 95 % Peak intensity 1.2 cd/lm LEDs/each optic 1 White Light colour

Required components:



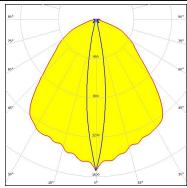
OSRAM Opto Semiconductors

LED OSCONIQ P 3030

FWHM / FWTM 92.0 + 14.0° / 141.0 + 28.0°

Efficiency 95 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White

Required components:



OSRAM

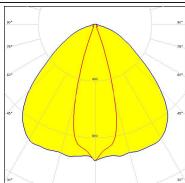
LED

OSCONIQ P 3737 (2W version)

FWHM / FWTM 32.0 + 100.0° / 44.0 + 142.0°

Efficiency 95 % Peak intensity 1 cd/lm LEDs/each optic White Light colour

Required components:





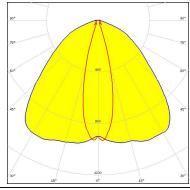
OSRAM

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 27.0 + 100.0° / 44.0 + 143.0°

Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White

Required components:



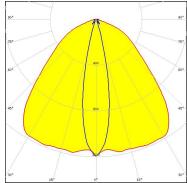
OSRAM

Opto Semiconductors

LED OSCONIQ P 3737 Flat FWHM / FWTM 96.0 + 22.0° / 140.0 + 36.0°

Efficiency 96 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:



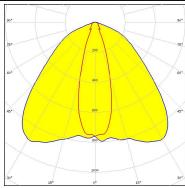
SAMSUNG

LED LH502D

FWHM / FWTM 30.0 + 98.0° / 52.0 + 140.0°

Efficiency 96 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:



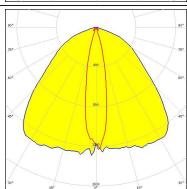
SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 20.0 + 99.0° / 36.0 + 142.0°

Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White





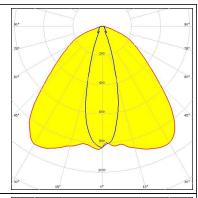




LED SEOUL DC 5050 6V FWHM / FWTM 97.0 + 29.0° / 142.0 + 49.0°

Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:



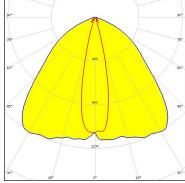
SEOUL SEMICONDUCTOR

LED Z5M4

FWHM / FWTM 24.0 + 98.0° / 34.0 + 136.0°

Efficiency 96 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:



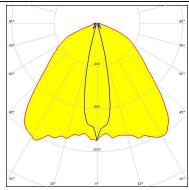
SEOUL SEMICONDUCTOR

LED Z8Y22T

FWHM / FWTM 97.0 + 21.0° / 141.0 + 32.0°

Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:





PRODUCT DATASHEET CS14597_HB-IP-2X6-O

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.

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