

HB-IP-2X6-M

~25° medium beam

SPECIFICATION:

Dimensions 173.0 x 71.4

Height 11.4 mm

Fastening pin, screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishLength (mm)HB-IP-2X6-MMulti-lensPMMAclear2X6-SEAL25SealSiliconewhite

ORDERING INFORMATION:

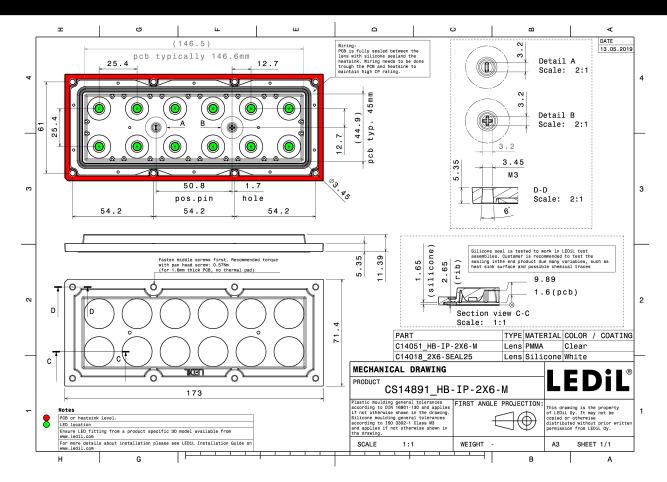
 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 CS14891_HB-IP-2X6-M
 Multi-lens
 120
 40
 40
 8.1

 » Box size: 476 x 273 x 247 mm



PRODUCT DATASHEET CS14891_HB-IP-2X6-M



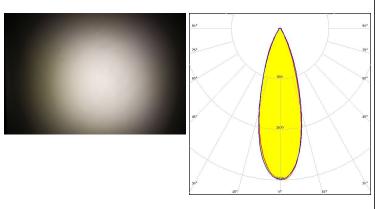
See also our general installation guide: www.ledil.com/installation_guide





LED QUICK FLUX 2x6 LED XG xxx G7+

FWHM / FWTM 32.0° / 59.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

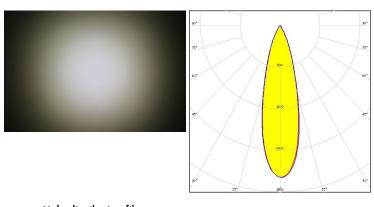


Light distribution files



LED QUICK FLUX 2x6 LED XT xxx G5

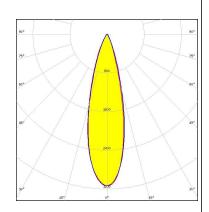
FWHM / FWTM 28.0° / 55.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L
FWHM / FWTM 27.0° / 50.0°
Efficiency 94 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

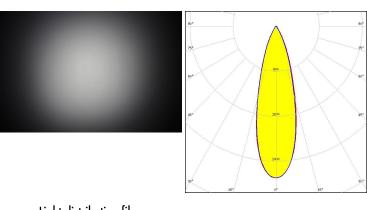


Light distribution files



CREE -

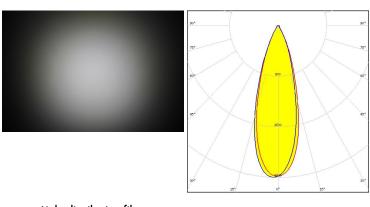
LED XP-G2
FWHM / FWTM 30.0° / 57.0°
Efficiency 94 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE -

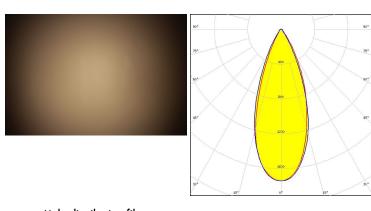
LED XP-G3
FWHM / FWTM 32.0° / 58.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

CREE -

LED XP-L HD
FWHM / FWTM 39.0° / 66.0°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

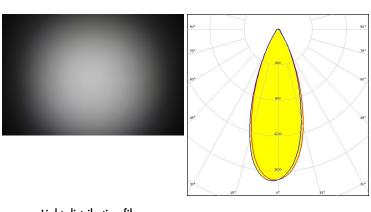


Light distribution files



CREE \$

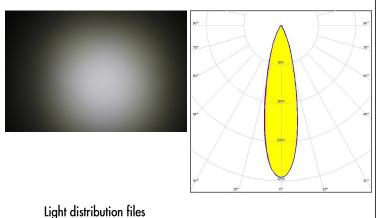
LED XP-L2 39.0° / 67.0° FWHM / FWTM Efficiency 94 % Peak intensity 1.7 cd/lm LEDs/each optic White Light colour/type Required components:



Light distribution files

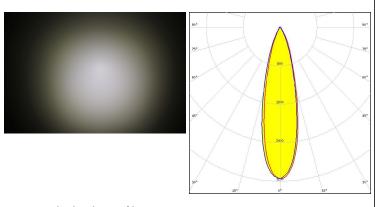
CREE \$

FWHM / FWTM 25.0° / 52.0° Efficiency 92 % Peak intensity 3.1 cd/lm LEDs/each optic Light colour/type White Required components:



CREE \$

LED XT-E HE $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 26.0° / 53.0° Efficiency 94 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour/type White Required components:

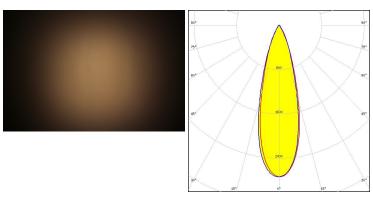


Light distribution files



DIVIDITY LUMILEDS

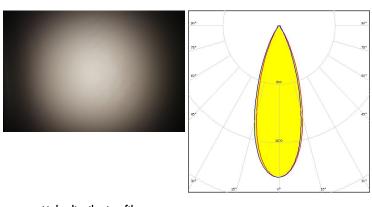
LED LUXEON T
FWHM / FWTM 29.0° / 55.0°
Efficiency 94 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

UMILEDS

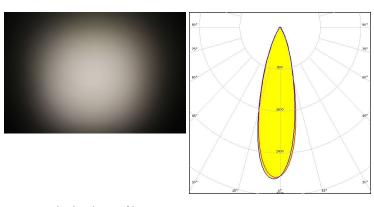
LED LUXEON V
FWHM / FWTM 35.0° / 62.0°
Efficiency 93 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

M LUMILEDS

LED LUXEON V2
FWHM / FWTM 28.0° / 54.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



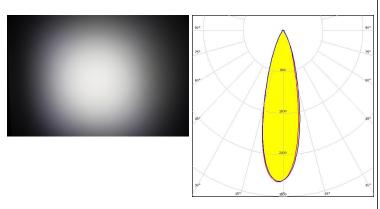
Light distribution files



MUMILEDS

LED LUXEON XR-TX (L2T0-xxxx012M0000)

FWHM / FWTM 28.0° / 54.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



 LED
 SST-10-B130

 FWHM / FWTM
 27.0° / 53.0°

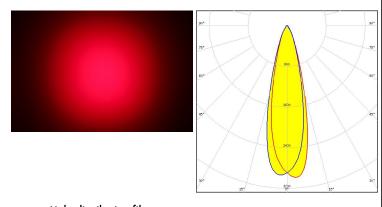
 Efficiency
 95 %

 Peak intensity
 3 cd/lm

 LEDs/each optic
 1

Light colour/type Deep Red

Required components:

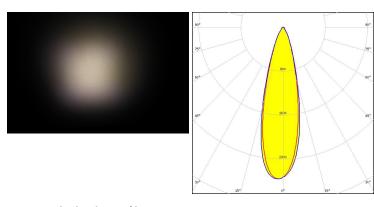


Light distribution files



LED RecLED 146x45mm 2900lm 730 2x6 IP G1

FWHM / FWTM 28.0° / 55.0°
Efficiency 95 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

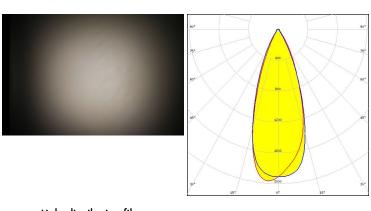


Light distribution files



WNICHIA

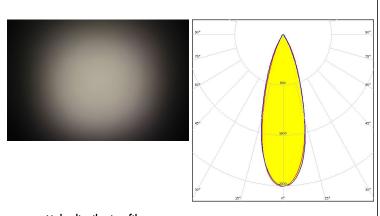
LED NVSW219D
FWHM / FWTM 38.0° / 63.0°
Efficiency 94 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components



Light distribution files

WNICHIA

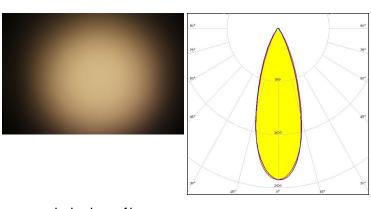
LED NVSW219F
FWHM / FWTM 33.0° / 59.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

WNICHIA

LED NVSW319B
FWHM / FWTM 34.0° / 61.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

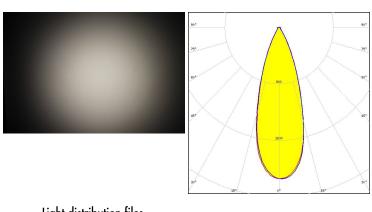


Light distribution files



WNICHIA

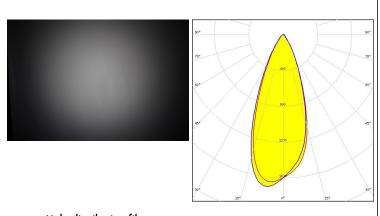
LED NVSW3x9A
FWHM / FWTM 34.0° / 60.0°
Efficiency 94 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

WNICHIA

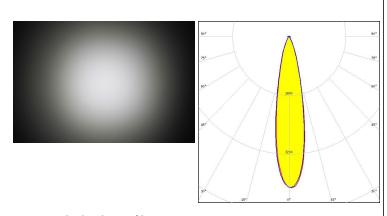
LED NVSW519A
FWHM / FWTM 40.0° / 70.0°
Efficiency 95 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

WNICHIA

LED NVSxE21A
FWHM / FWTM 24.0° / 53.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



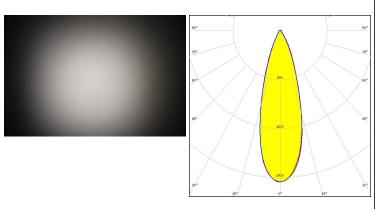
Light distribution files



WNICHIA

LED NVSxx19B/NVSxx19C

FWHM / FWTM 31.0° / 58.0°
Efficiency 93 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



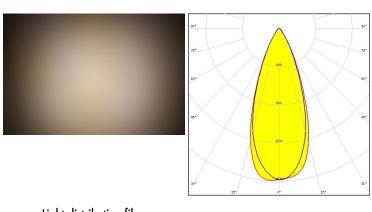
Light distribution files

OSRAM Opto Semiconductors

Opto Semiconducto

LED Duris S8
FWHM / FWTM 41.0° / 70.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



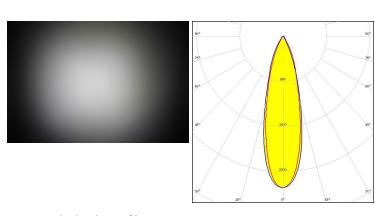
Light distribution files

OSRAM

LED OSLON Square PC FWHM / FWTM 29.0° / 57.0°

Efficiency 93 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



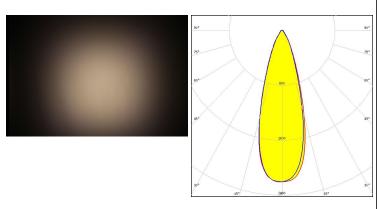
Light distribution files



PHILIPS

LED Fortimo FastFlex LED 2x6 DP G5

FWHM / FWTM 32.0° / 62.0°
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

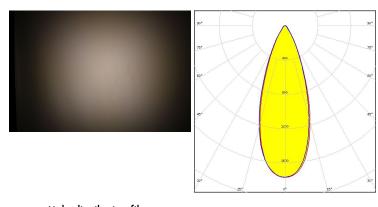


Light distribution files

PHILIPS

LED Fortimo FastFlex LED 2x6 DP HE

FWHM / FWTM 38.0° / 68.0°
Efficiency 97 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

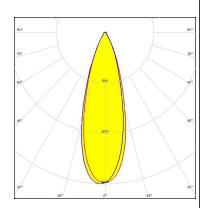


Light distribution files

PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4

FWHM / FWTM 32.0° / 58.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



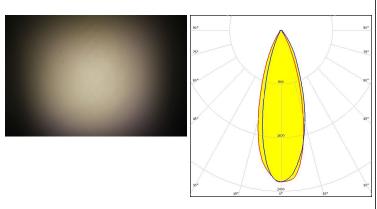
Light distribution files



SAMSUNG

LED HILOM RH12 (LH351C)

FWHM / FWTM 33.0° / 61.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



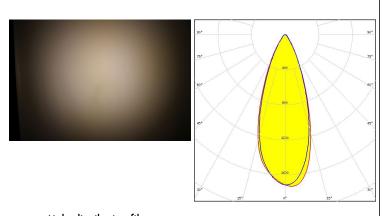
Light distribution files

SAMSUNG

LED HiLOM RM12 ZP (LH502C)

FWHM / FWTM 38.0° / 69.0°
Efficiency 96 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1

Light colour/type White Required components:

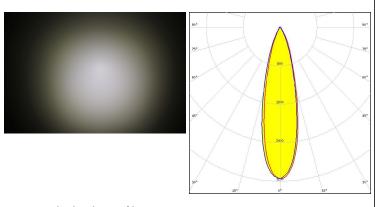


Light distribution files

SCIOLUX

LED XLE-S22C4XTEHE (XT-E HE)

FWHM / FWTM 26.0° / 53.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



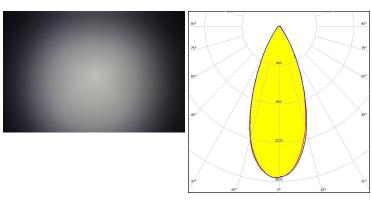
Light distribution files



SCIOLUX

LED XLE-S26XHP35 (XHP35 HD)

FWHM / FWTM 42.0° / 71.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

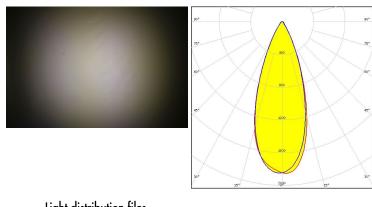


Light distribution files



LED 2x6 5050 module - SMJD-3625012F-XX

FWHM / FWTM 38.0° / 65.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



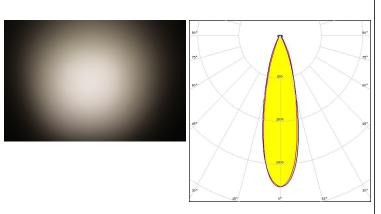
Light distribution files



LED SMJQ-D36W12Mx

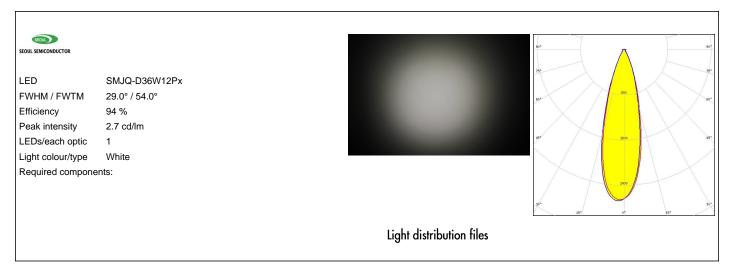
FWHM / FWTM 26.0° / 52.0° Efficiency 91 %

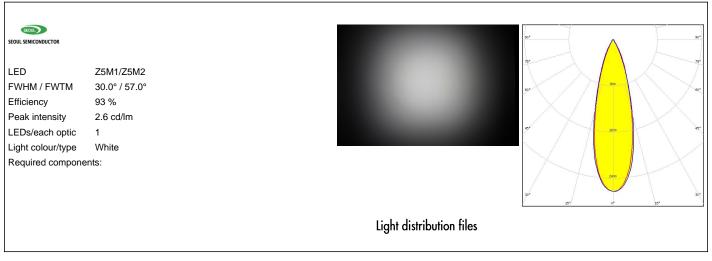
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

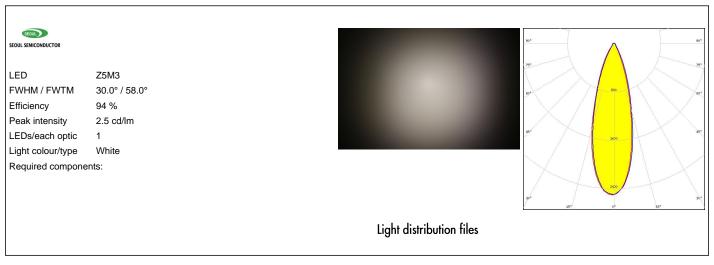


Light distribution files

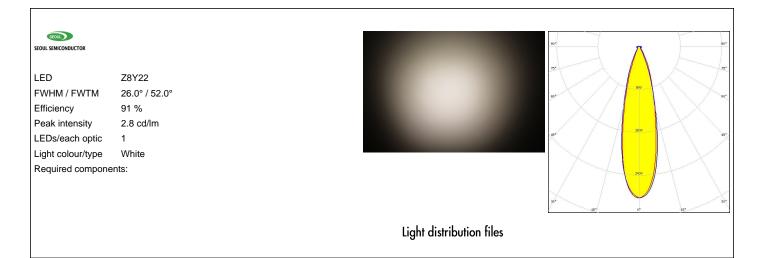


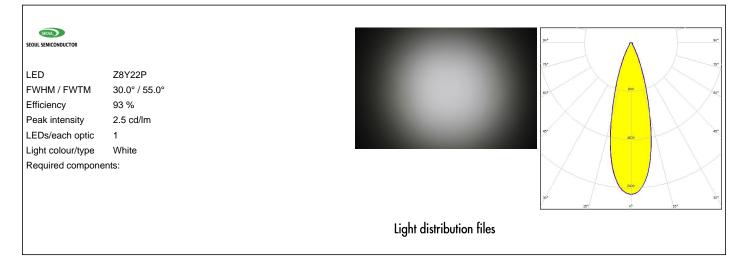


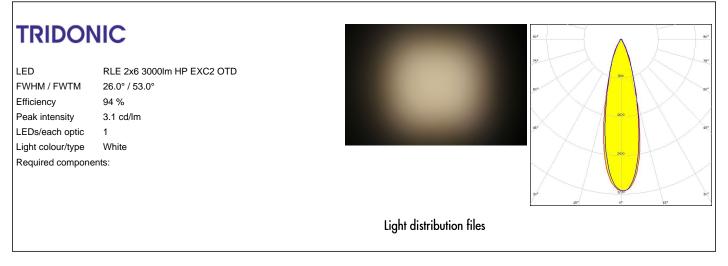










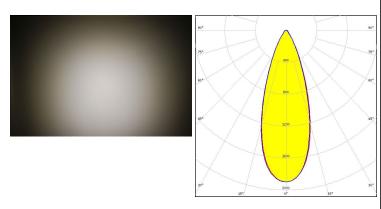




TRIDONIC

LED RLE 2x6 4500lm HP HE EXC3 OTD Z19

FWHM / FWTM 36.0° / 67.0°
Efficiency 96 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



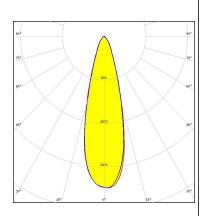
Light distribution files



CREE +

LED XP-E
FWHM / FWTM 28.0° / 56.0°
Efficiency 94 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

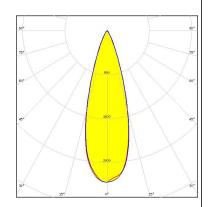


Light distribution files

CREE \$

LED XP-G2 HE
FWHM / FWTM 31.0° / 53.0°
Efficiency 95 %
Peak intensity 2.8 cd/lm
LEDs/each optic 1
Light colour/type White

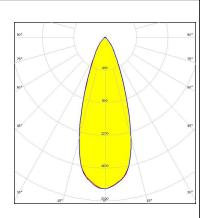
Required components:



Light distribution files

CREE -

LED XP-G4
FWHM / FWTM 38.0° / 70.0°
Efficiency 96 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

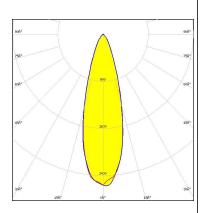


inventronics

LED PrevaLED Brick HP IP 2x6

FWHM / FWTM 30.0° / 58.0°
Efficiency 95 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



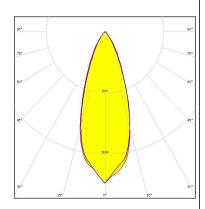
Light distribution files



LED LUXEON 5050 Round LES

FWHM / FWTM 37.0° / 68.0°
Efficiency 93 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

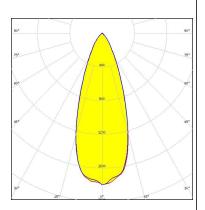


Light distribution files



LED LUXEON HL2X
FWHM / FWTM 38.0° / 70.0°
Efficiency 95 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

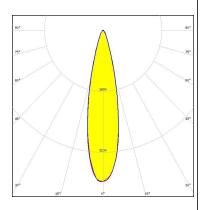






LED LUXEON HL2Z
FWHM / FWTM 24.0° / 44.0°
Efficiency 95 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



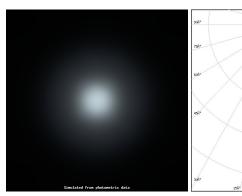
Light distribution files

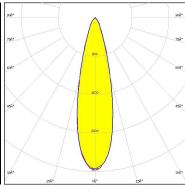


LED SST-20 Gen2
FWHM / FWTM 26.0° / 52.0°
Efficiency 96 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1

Light colour/type White

Required components:

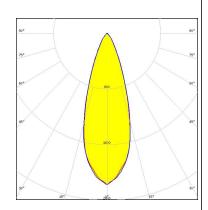




Light distribution files



LED NV4WB35AM
FWHM / FWTM 34.0° / 62.0°
Efficiency 95 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



WNICHIA

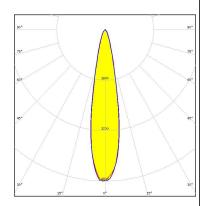
LFD NVSW219D $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 42.0° / 76.0° Efficiency 95 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour/type White Required components:

Light distribution files

OSRAM Opto Semiconductore

OSCONIQ P 3030 LFD FWHM / FWTM 20.0° / 42.0° Efficiency 96 % Peak intensity 4.8 cd/lm LEDs/each optic Light colour/type White

Required components:

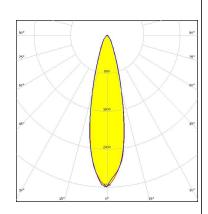


Light distribution files

OSRAM

OSCONIQ P 3737 (2W version)

FWHM / FWTM 26.0° / 52.0° Efficiency 96 % Peak intensity 3.2 cd/lm LEDs/each optic Light colour/type White Required components:



Light distribution files

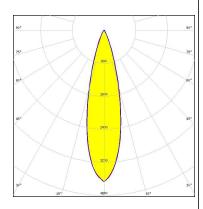


OSRAM Opto Semiconductore

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 26.0° / 48.0°
Efficiency 94 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

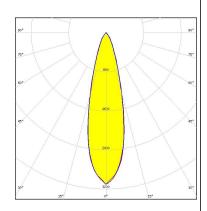
OSRAM Opto Semiconductore

Opto Semiconducto

LED OSCONIQ P 3737 Flat

FWHM / FWTM 27.0° / 54.0°
Efficiency 96 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

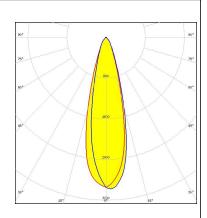


Light distribution files

OSRAM Onto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 27.0° / 53.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

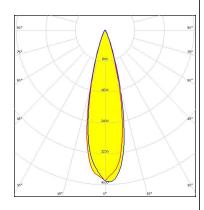


PHILIPS

LED Fortimo FastFlex LED 2x6 DP G4

FWHM / FWTM 26.0° / 45.0°
Efficiency 94 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

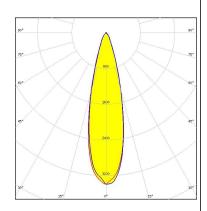
SAMSUNG

LED LH181B
FWHM / FWTM 27.0° / 50.0°
Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1

White

Required components:

Light colour/type

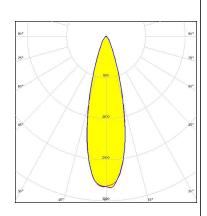


Light distribution files

SAMSUNG

LED LH231B
FWHM / FWTM 28.0° / 52.0°
Efficiency 95 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



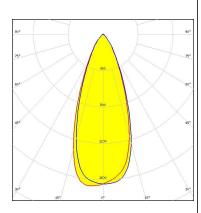
Light distribution files



SAMSUNG

LED LH351C
FWHM / FWTM 39.5° / 72.3°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

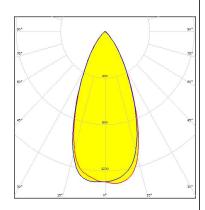


Light distribution files

SAMSUNG

LED LH351D
FWHM / FWTM 46.0° / 79.9°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White

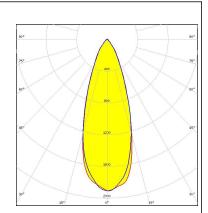
Required components:



Light distribution files

SAMSUNG

LED LH508B
FWHM / FWTM 36.0° / 70.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

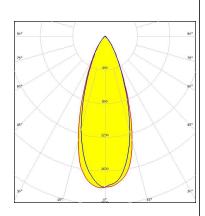




LED SEOUL DC 5050 6V FWHM / FWTM 39.0° / 72.0° Efficiency 94 %

Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

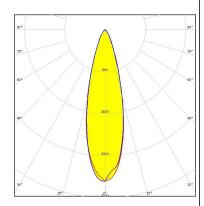


Light distribution files



LED Z5M4
FWHM / FWTM 28.0° / 55.0°
Efficiency 95 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type
Required components:



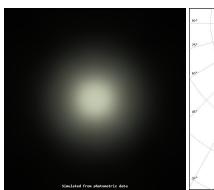
Light distribution files

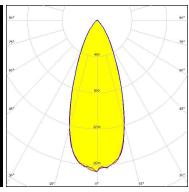


LED Z5M4-E1

FWHM / FWTM 40.0° / 74.0°
Efficiency 96 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:





Light distribution files

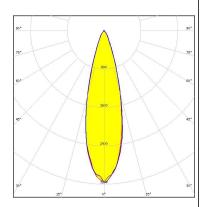






LED Z8Y22T
FWHM / FWTM 28.0° / 51.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



PRODUCT DATASHEET CS14891_HB-IP-2X6-M

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:

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