

LINNEA-60

~60° + 90° beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

Dimensions 285.0 x 40.0 Height 9.5 mm Fastening clips yes 🕕 **ROHS** compliant



MATERIALS:

Component **Type Material** Colour **Finish** Length (mm)

LINNEA-60 Linear lens PC clear

ORDERING INFORMATION:

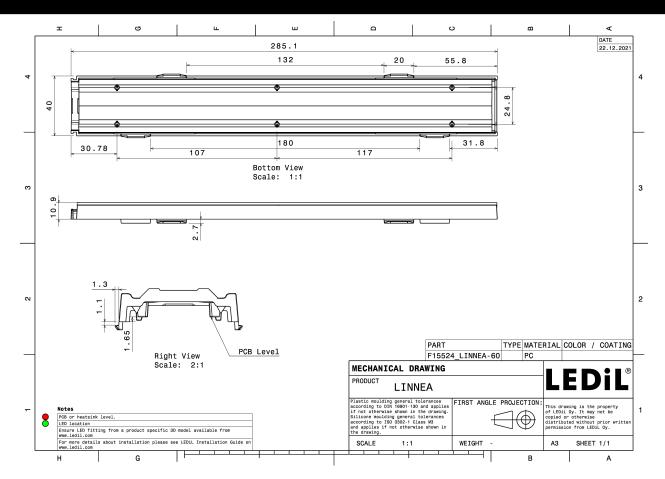
» Box size: 398 x 298 x 265 mm

Component Qty in box MOQ MPQ Box weight (kg)

F15524_LINNEA-60 153 36 9 8.3



PRODUCT DATASHEET F15524_LINNEA-60



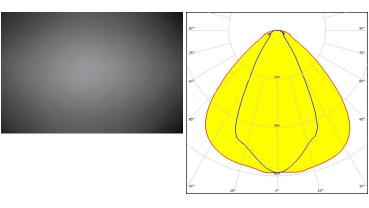
See also our general installation guide: www.ledil.com/installation_guide





LED CALOSNU405-M7W1 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 96.0 + 55.0° / 141.0 + 87.0°

Efficiency 84 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

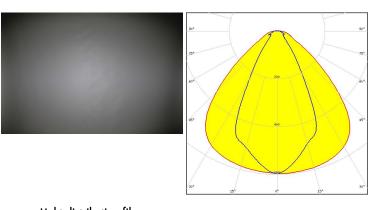


Light distribution files



CALOSNU410-M7W1 FWHM / FWTM 95.0 + 55.0° / 139.0 + 86.0°

Efficiency 84 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

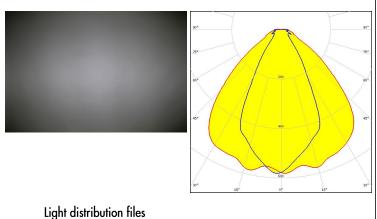


Light distribution files

CREE \$

LED XP-E

FWHM / FWTM 96.0 + 54.0° / 139.0 + 86.0°

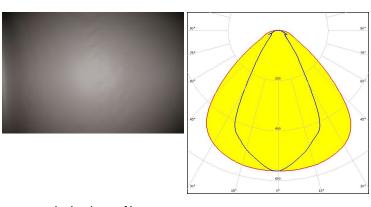




Helvar

LED L-iC-282-827-865-011A FWHM / FWTM 97.0 + 58.0° / 142.0 + 91.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

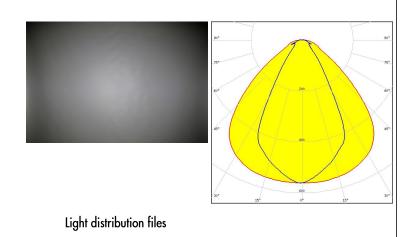


Light distribution files

Helvar

LED LP-282-840-009A 60/300 FWHM / FWTM 97.0 + 58.0° / 142.0 + 91.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

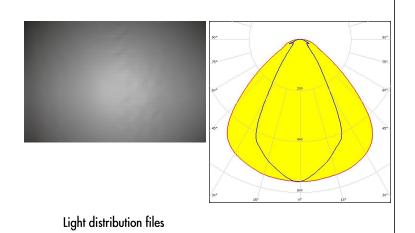


Helvar

LED LS-282-840-011A

FWHM / FWTM 97.0 + 58.0° / 145.0 + 91.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



4/20

Last update: 13/12/2024 Subject to change without prior notice Published: 20/06/2018

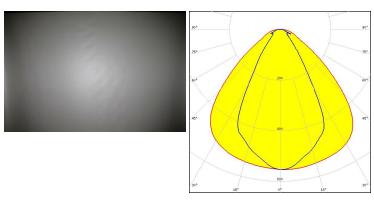


Helvar

LX-282-840-023A

FWHM / FWTM 96.0 + 59.0° / 144.0 + 92.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

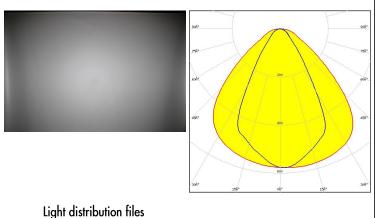


Light distribution files

inventronics

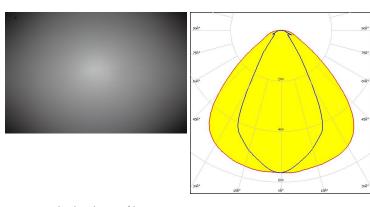
PL-LIN-IND-Z1 2800 560x24 FWHM / FWTM 96.0 + 60.0° / 144.0 + 96.0°

Efficiency 88 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:



inventronics

LED PL-LIN-Z5 1100 280x20 FWHM / FWTM 97.0 + 58.0° / 143.0 + 91.0°



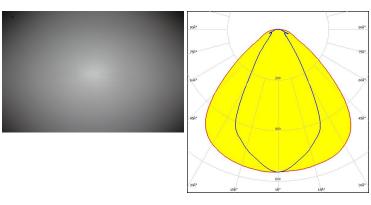
Light distribution files



inventronics

LED PL-LIN-Z5 2000 280x20 FWHM / FWTM 97.0 + 58.0° / 143.0 + 91.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



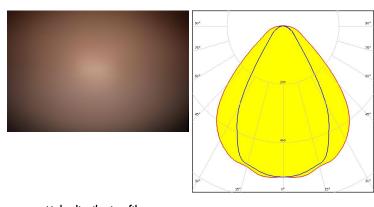
LED LinearZ 280-112 Circadian TW FWHM / FWTM 92.0 + 64.0° / 147.0 + 104.0°

Efficiency 85 %
Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour/type Tunable White

Required components:

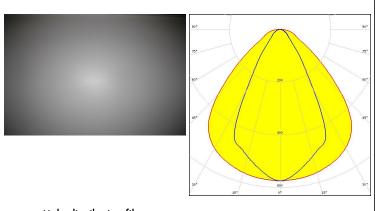


Light distribution files



LED LinearZ 280-26

FWHM / FWTM 96.0 + 59.0° / 145.0 + 92.0°



Light distribution files





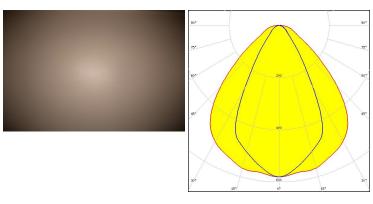
LED LinearZ 280-40 TW

FWHM / FWTM 94.0 + 59.0° / 142.0 + 92.0°

Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1

Light colour/type Tunable White

Required components:



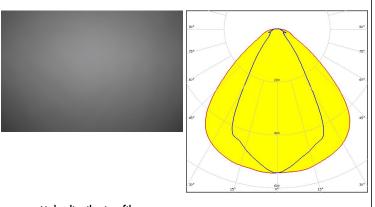
Light distribution files



LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1

FWHM / FWTM 96.0 + 59.0° / 143.0 + 89.0°

Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

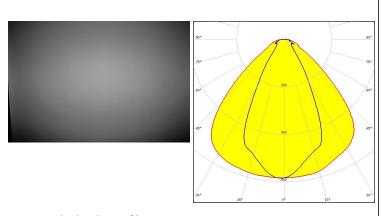


Light distribution files



LED NF2x757G

FWHM / FWTM 96.0 + 54.0° / 141.0 + 87.0°



Light distribution files

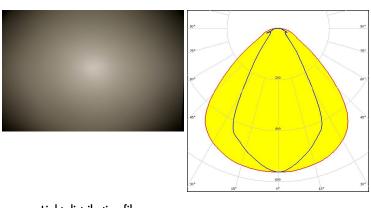


WNICHIA

NFSW757H

FWHM / FWTM 96.0 + 60.0° / 145.0 + 93.0°

Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:



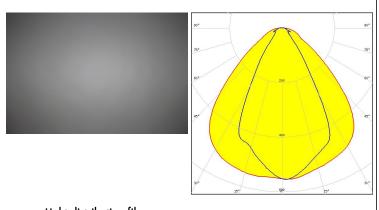
Light distribution files

WNICHIA

NFSx757G

FWHM / FWTM 96.0 + 59.0° / 145.0 + 88.0°

Efficiency 83 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

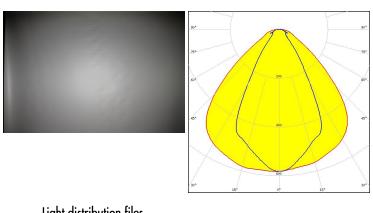


Light distribution files

OSRAM

LED Duris S5 (2 chip)

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 95.0 + 57.0° / 140.0 + 88.0°



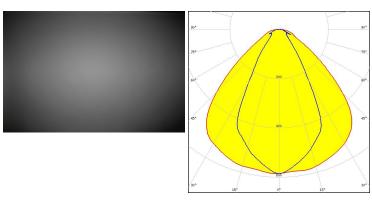
Light distribution files



OSRAM Opto Seminant

LED Duris S5 (Single chip)
FWHM / FWTM 96.0 + 57.0° / 143.0 + 91.0°

Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

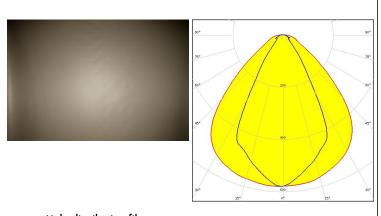
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4

FWHM / FWTM 95.0 + 59.0° / 141.0 + 88.0°

Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type White Required components:

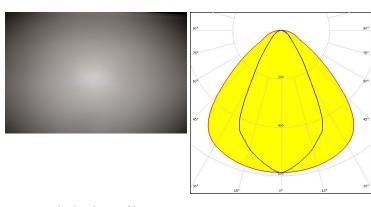


Light distribution files

PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5

FWHM / FWTM 97.0 + 58.0° / 145.0 + 95.0°



Light distribution files

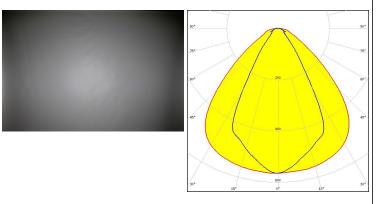


PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4

FWHM / FWTM 95.0 + 59.0° / 139.0 + 89.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

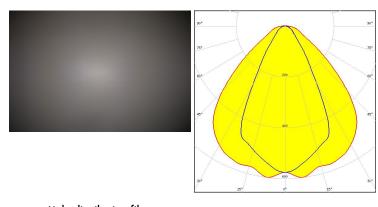
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5

FWHM / FWTM 96.0 + 58.0° / 143.0 + 94.0°

Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

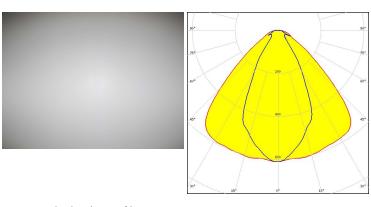


Light distribution files

SAMSUNG

LED LM28xB Series

FWHM / FWTM 95.0 + 53.0° / 136.0 + 106.0°



Light distribution files

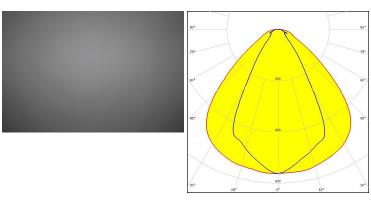


SAMSUNG

LM561B Plus

FWHM / FWTM 96.0 + 59.0° / 143.0 + 89.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:



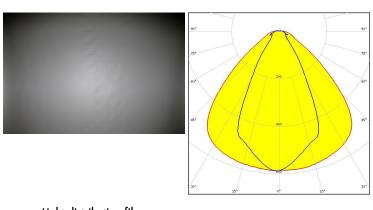
Light distribution files

SAMSUNG

LT-H282C

FWHM / FWTM 96.0 + 55.0° / 141.0 + 87.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

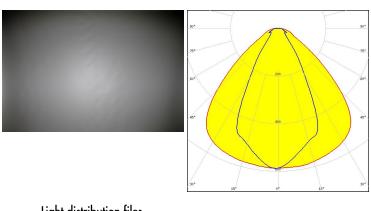


Light distribution files

SAMSUNG

LED LT-H562C

FWHM / FWTM 96.0 + 55.0° / 141.0 + 87.0°



Light distribution files

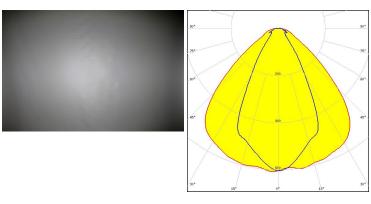


SAMSUNG

LT-Q282B

FWHM / FWTM 95.0 + 54.0° / 138.0 + 86.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:



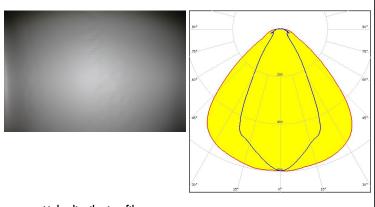
Light distribution files

SAMSUNG

LT-S282H

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

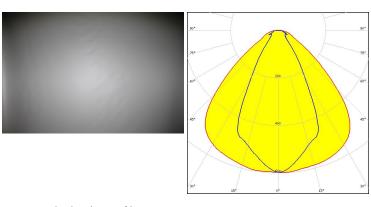


Light distribution files

SAMSUNG

LED LT-S562H

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°



Light distribution files

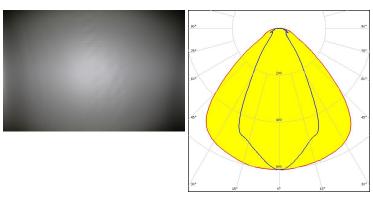


SAMSUNG

LED LT-V282E

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



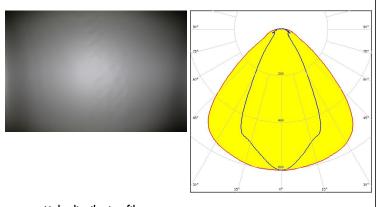
Light distribution files

SAMSUNG

LED LT-V562E

FWHM / FWTM 96.0 + 54.0° / 140.0 + 86.0°

Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

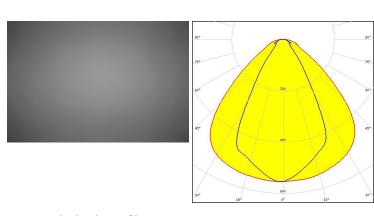


Light distribution files



LED SEOUL 5630D FWHM / FWTM 73.0° / 112.0°

Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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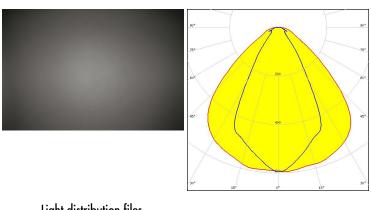




LED SEOUL DC 3030

FWHM / FWTM 96.0 + 57.0° / 139.0 + 88.0°

Efficiency 86 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

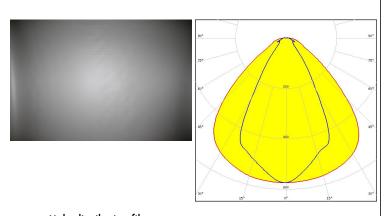


Light distribution files

TRIDONIC

LLE G4 24x280mm 1250lm FWHM / FWTM 96.0 + 58.0° / 141.0 + 88.0°

Efficiency 85 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White Required components:

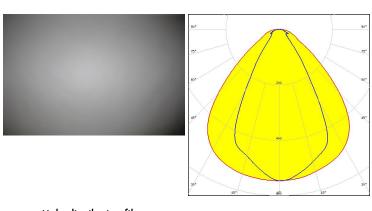


Light distribution files

TRIDONIC

LED LLE G4 24x280mm 2000lm ADV

FWHM / FWTM 95.0 + 60.0° / 143.0 + 91.0°



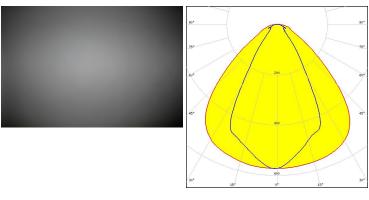
Light distribution files



TRIDONIC

LED LLE G4 24x280mm 650lm FWHM / FWTM 95.0 + 59.0° / 140.0 + 89.0°

Efficiency 85 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

Published: 20/06/2018

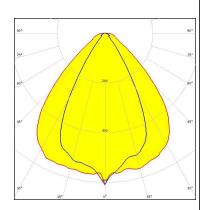




Bridgelux SMD 2835 LED 90.0 + 58.0° / 127.0 + 82.0° FWHM / FWTM

81 % Efficiency Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour/type White

Required components:



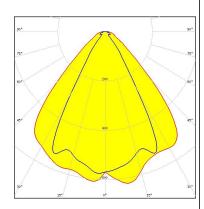
Light distribution files



LUXEON 3030 2D (Round LES) LFD FWHM / FWTM 89.0 + 60.0° / 125.0 + 80.0°

Efficiency 84 % Peak intensity 0.6 cd/lm LEDs/each optic Light colour/type White

Required components:



Light distribution files



SEOUL DC 3030C LED

FWHM / FWTM 92.0 + 60.0° / 134.0 + 80.0°

Light distribution files



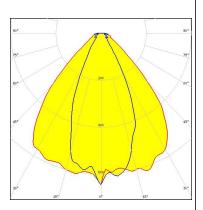


LED SEOUL DC 3528

FWHM / FWTM 88.0 + 48.0° / 122.0 + 76.0°

Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 2
Light colour/type White

Required components:



Light distribution files

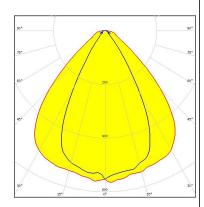


LED SEOUL DC 3528

FWHM / FWTM 92.0 + 59.0° / 128.0 + 82.0°

Efficiency 78 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED SEOUL DC 3528

FWHM / FWTM 90.0 + 60.0° / 128.0 + 85.0°

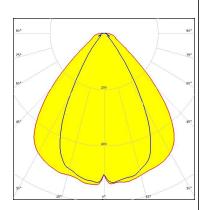
Efficiency 77 %

Peak intensity 0.5 cd/lm

LEDs/each optic 2

Light colour/type White

Required components:



Light distribution files





LED SEOUL DC 3528

FWHM / FWTM 90.0 + 60.0° / 128.0 + 85.0°

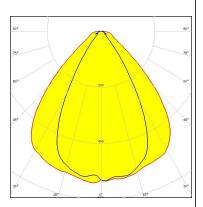
Efficiency 77 %

Peak intensity 0.5 cd/lm

LEDs/each optic 2

Light colour/type White

Required components:



Light distribution files

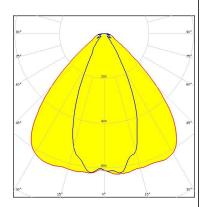


LED SEOUL DC 3528

FWHM / FWTM 91.0 + 48.0° / 122.0 + 77.0°

Efficiency 76 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



LED SEOUL DC 3528

FWHM / FWTM 92.0 + 59.0° / 127.0 + 82.0°

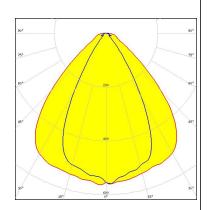
Efficiency 77 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files



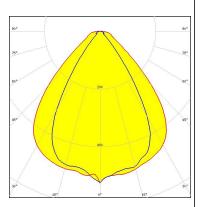


LED SEOUL DC 3528

FWHM / FWTM 90.0 + 65.0° / 131.0 + 87.0°

Efficiency 78 %
Peak intensity 0.5 cd/lm
LEDs/each optic 2
Light colour/type White

Required components:



Light distribution files



LED SEOUL DC 3528

FWHM / FWTM 92.0 + 59.0° / 128.0 + 82.0°

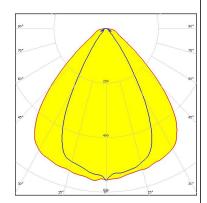
Efficiency 77 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour/type White

Required components:



Light distribution files



PRODUCT DATASHEET F15524_LINNEA-60

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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LEDIL Oy

Joensuunkatu 7 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

Poznan, Poland Hong Kong, China

Distribution Partners

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