

#### LINNEA-90

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

#### SPECIFICATION:

Dimensions 285.0 x 40.0 mm

Height 9.5 mm

Fastening clips

ROHS compliant yes 1



1/17

#### **MATERIALS:**

ComponentTypeMaterialColourFinishLINNEA-90Linear lensPCclear

#### **ORDERING INFORMATION:**

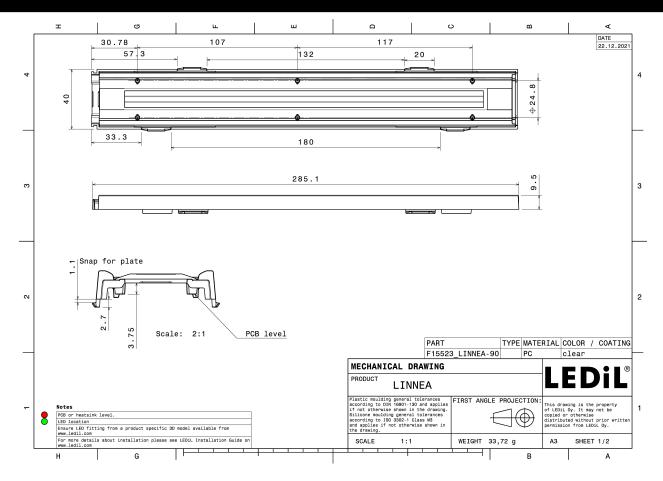
 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 F15523 LINNEA-90
 162
 36
 36
 7.3

F15523\_LINNEA-90 162 36 36 » Box size: 398 x 298 x 265 mm



## PRODUCT DATASHEET F15523\_LINNEA-90

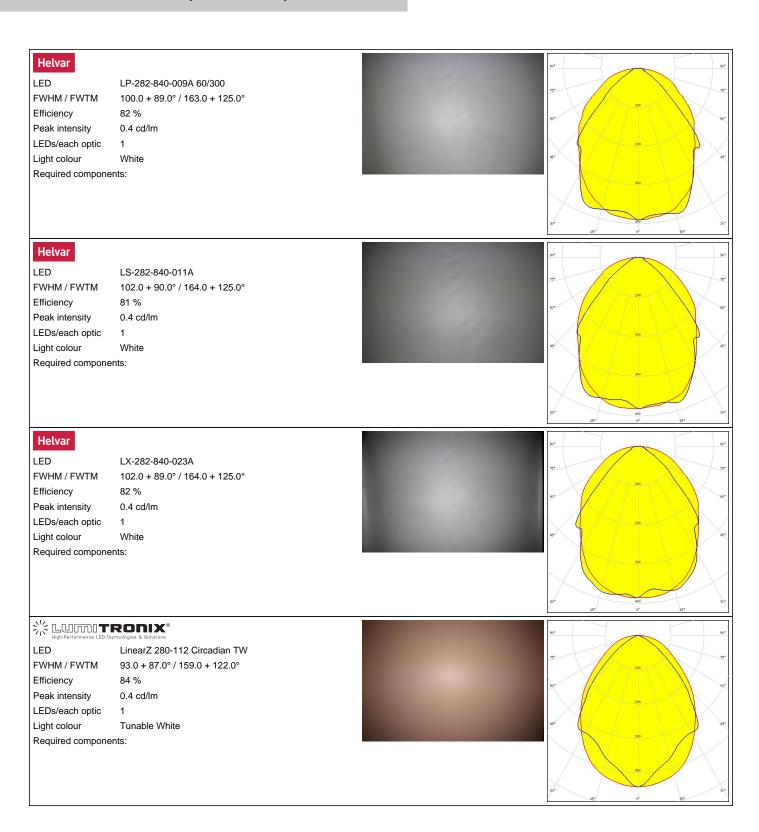


See also our general installation guide: www.ledil.com/installation\_guide

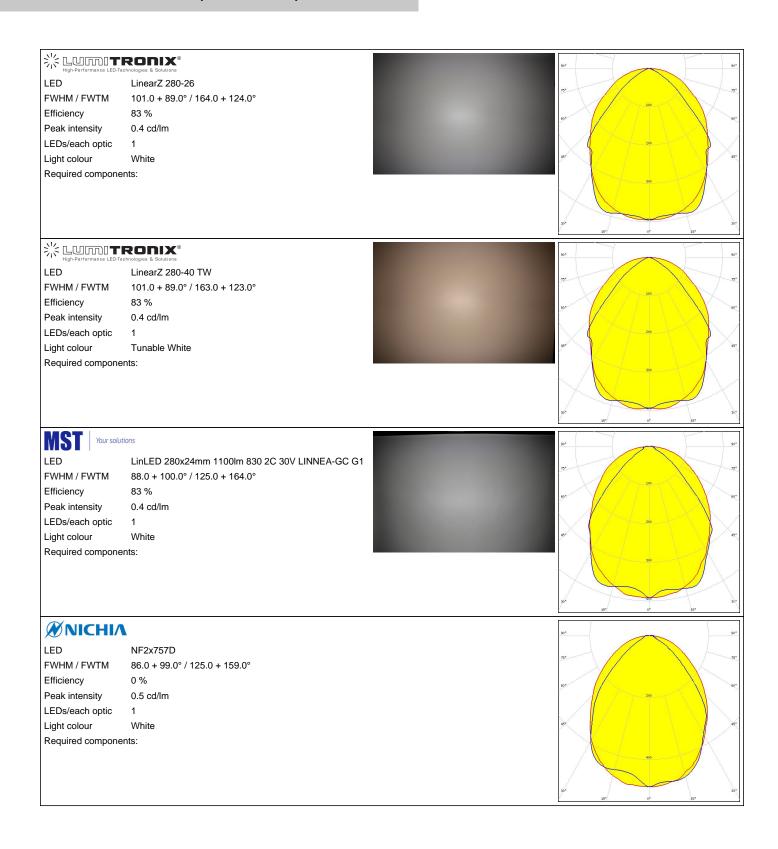




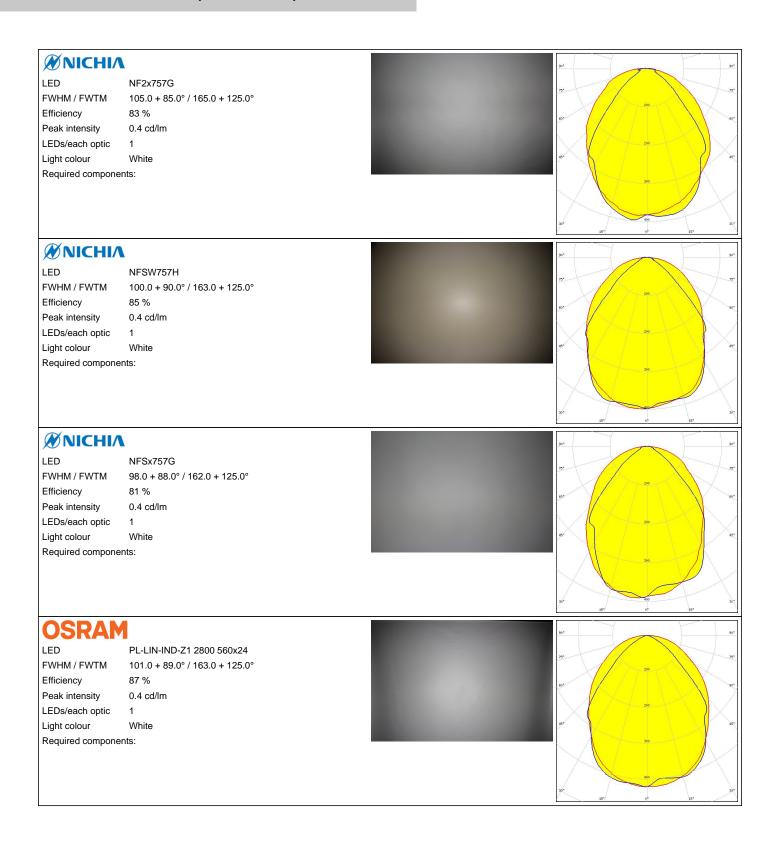




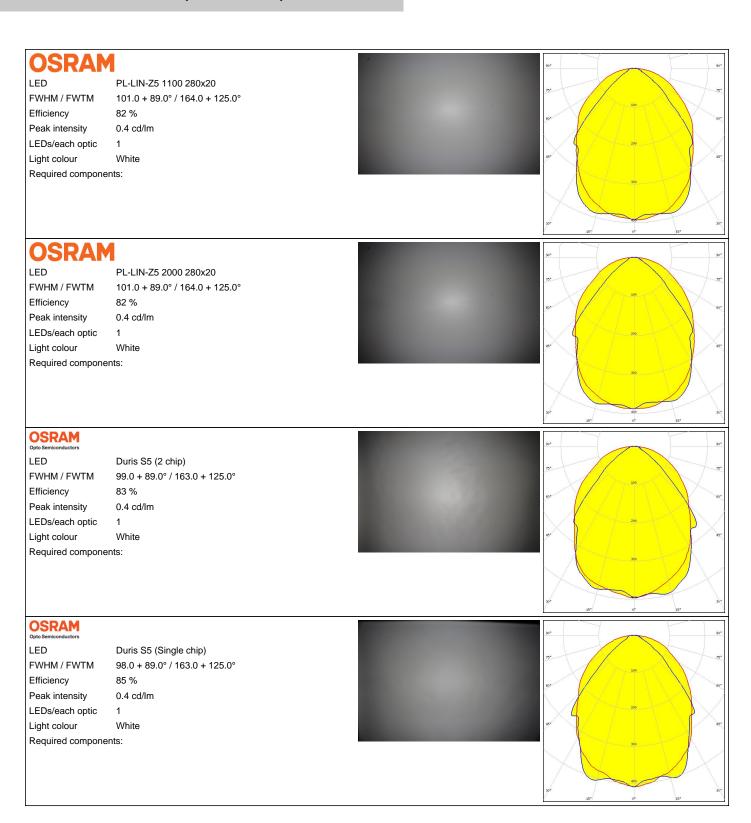












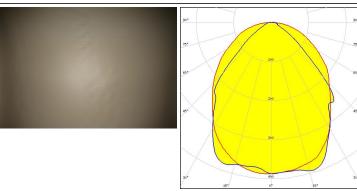


### **PHILIPS**

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

FWHM / FWTM 100.0 + 89.0° / 163.0 + 124.0°

Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

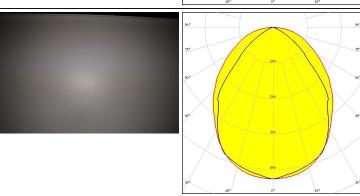


#### PHILIPS

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

FWHM / FWTM 99.0 + 85.0° / 163.0 + 123.0°

Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

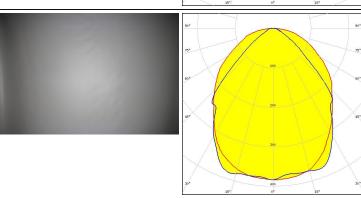


### **PHILIPS**

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

FWHM / FWTM 102.0 + 90.0° / 164.0 + 124.0°

Efficiency 82 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

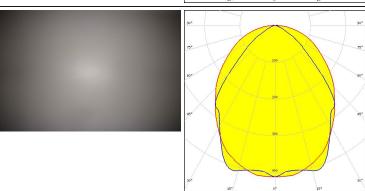


## **PHILIPS**

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

FWHM / FWTM 101.0 + 87.0° / 163.0 + 123.0°

Efficiency 86 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



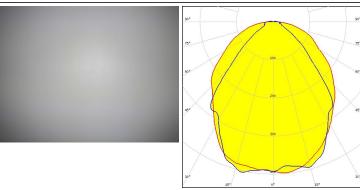


## **SAMSUNG**

LED LM28xB Series

FWHM / FWTM 105.0 + 86.0° / 165.0 + 124.0°

Efficiency 84 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

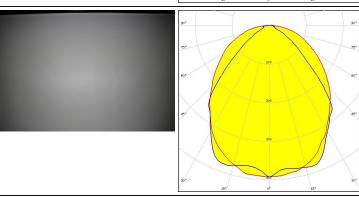


## SAMSUNG

LED LM561B Plus

FWHM / FWTM 88.0 + 100.0° / 125.0 + 164.0°

Efficiency 83 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

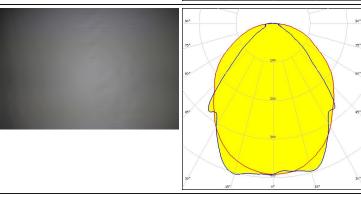


## SAMSUNG

LED LT-H282C

FWHM / FWTM 103.0 + 87.0° / 164.0 + 125.0°

Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

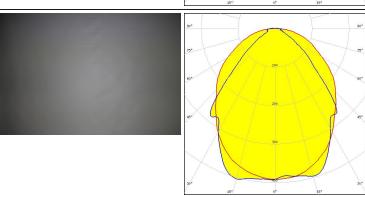


## **SAMSUNG**

LED LT-H5620

FWHM / FWTM 103.0 + 87.0° / 164.0 + 125.0°

Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



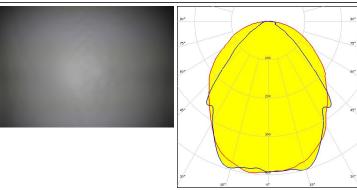


## **SAMSUNG**

LED LT-Q282E

FWHM / FWTM 101.0 + 87.0° / 164.0 + 125.0°

Efficiency 84 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

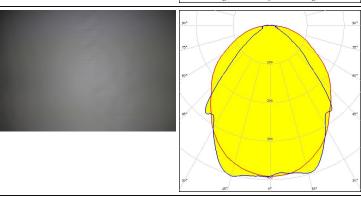


## SAMSUNG

LED LT-S282H

FWHM / FWTM 104.0 + 86.0° / 165.0 + 125.0°

Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

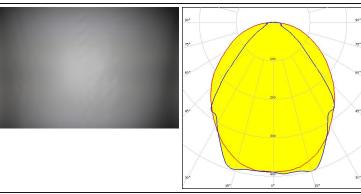


## SAMSUNG

LED LT-S562H

FWHM / FWTM 104.0 + 86.0° / 165.0 + 125.0°

Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

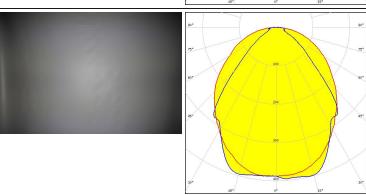


## **SAMSUNG**

LED LT-V282E

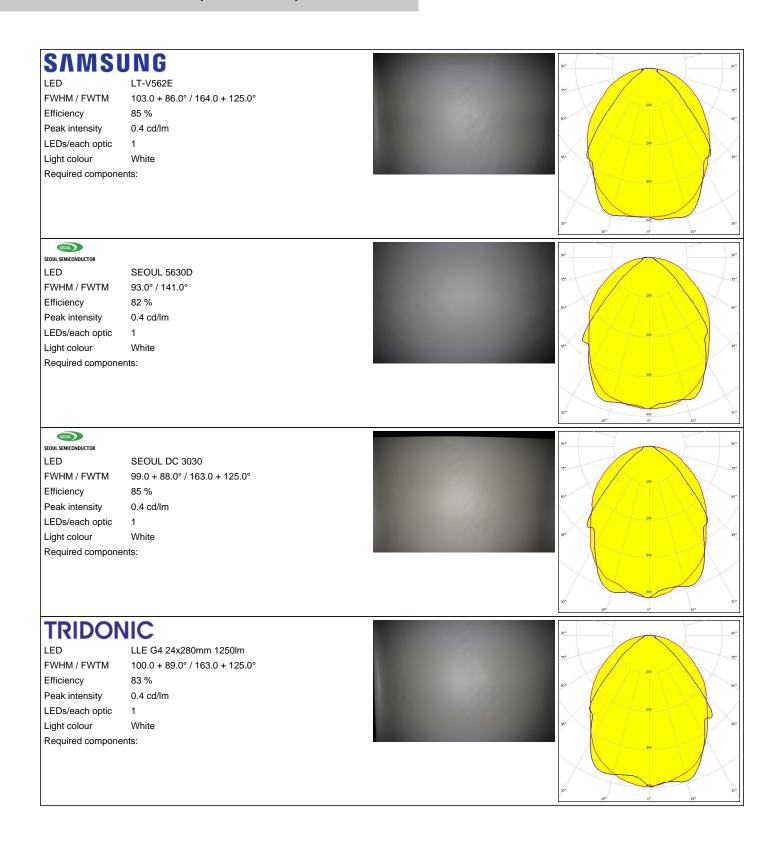
FWHM / FWTM 103.0 + 86.0° / 164.0 + 125.0°

Efficiency 85 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



10/17

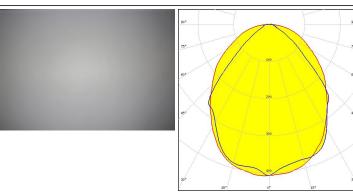






#### **TRIDONIC** LLE G4 24x280mm 2000lm ADV $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 98.0 + 88.0° / 162.0 + 124.0°

Efficiency 83 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

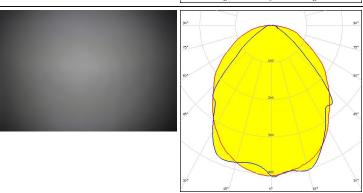


### **TRIDONIC**

Required components:

LED LLE G4 24x280mm 650lm FWHM / FWTM 99.0 + 89.0° / 163.0 + 125.0°

Efficiency 84 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:



12/17



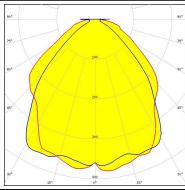
### CREE . LED

LED XP-G3

FWHM / FWTM 105.0 + 89.0° / 161.0 + 124.0°

Efficiency 81 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

Required components:



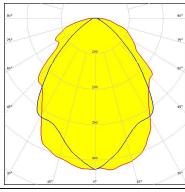
#### LUMILEDS

LED LUXEON 2835 Line

FWHM / FWTM 96.0 + 84.0° / 161.0 + 120.0°

Efficiency 80 % Peak intensity 0.4 cd/lm LEDs/each optic 2 White Light colour

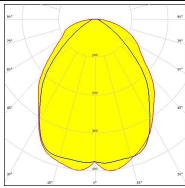
Required components:



#### LUMILEDS

LED LUXEON 3030 2D (Round LES) FWHM / FWTM 93.0 + 84.0° / 162.0 + 124.0°

Efficiency 82 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:

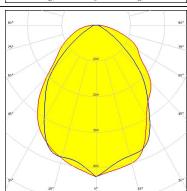


#### **OSRAM**

LED Duris E 2835

FWHM / FWTM 83.0 + 91.0° / 122.0 + 159.0°

Efficiency 82 % Peak intensity 0.4 cd/lm LEDs/each optic White Light colour Required components:



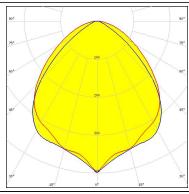


## **SAMSUNG**

FWHM / FWTM  $98.0 + 92.0^{\circ} / 152.0 + 126.0^{\circ}$ 

Efficiency 86 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

Required components:



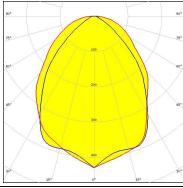
#### SEOUL SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C

FWHM / FWTM 91.0 + 82.0° / 160.0 + 120.0°

Efficiency 82 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

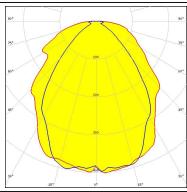


## SEOUL

LED SEOUL DC 3528

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 100.0 + 80.0° / 170.0 + 118.0°

Efficiency 78 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:

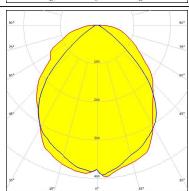


#### SEOUL SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 99.0 + 88.0° / 166.0 + 118.0°

Efficiency 77 % Peak intensity 0.4 cd/lm LEDs/each optic 2 White Light colour Required components:





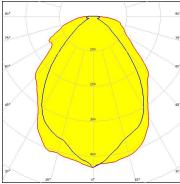


LED SEOUL DC 3528

FWHM / FWTM 95.0 + 78.0° / 169.0 + 116.0°

Efficiency 78 %
Peak intensity 0.4 cd/lm
LEDs/each optic 2
Light colour White

Required components:



### SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 102.0 + 84.0° / 168.0 + 117.0°

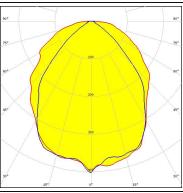
Efficiency 77 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

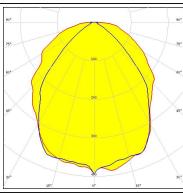


## SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 102.0 + 86.0° / 169.0 + 118.0°

Efficiency 77 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

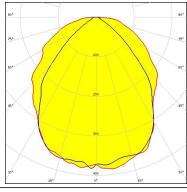


## SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 104.0 + 86.0° / 169.0 + 118.0°

Efficiency 77 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:





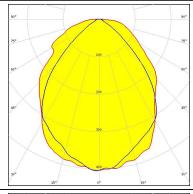


LED SEOUL DC 3528

FWHM / FWTM 99.0 + 84.0° / 167.0 + 117.0°

Efficiency 78 %
Peak intensity 0.4 cd/lm
LEDs/each optic 2
Light colour White

Required components:



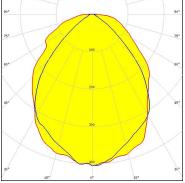
### SEOUL SEMICONDUCTOR

LED SEOUL DC 3528

FWHM / FWTM 99.0 + 84.0° / 167.0 + 116.0°

Efficiency 78 %
Peak intensity 0.4 cd/lm
LEDs/each optic 2
Light colour White

Required components:





## PRODUCT DATASHEET F15523\_LINNEA-90

#### **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 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**

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