

## LINNEA-90-B

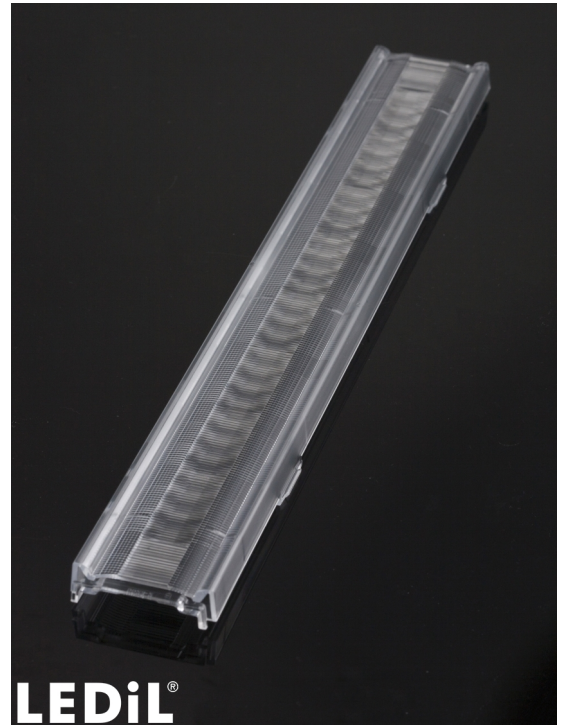
~90° + 90° wide beam optimized for 0.5 mm metal sheet or profile. Variant made from PC.

### TECHNICAL SPECIFICATIONS:

|                |                 |
|----------------|-----------------|
| Dimensions     | 285.0 x 40.0 mm |
| Height         | 9.5 mm          |
| Fastening      | clips           |
| ROHS compliant | yes ⓘ           |

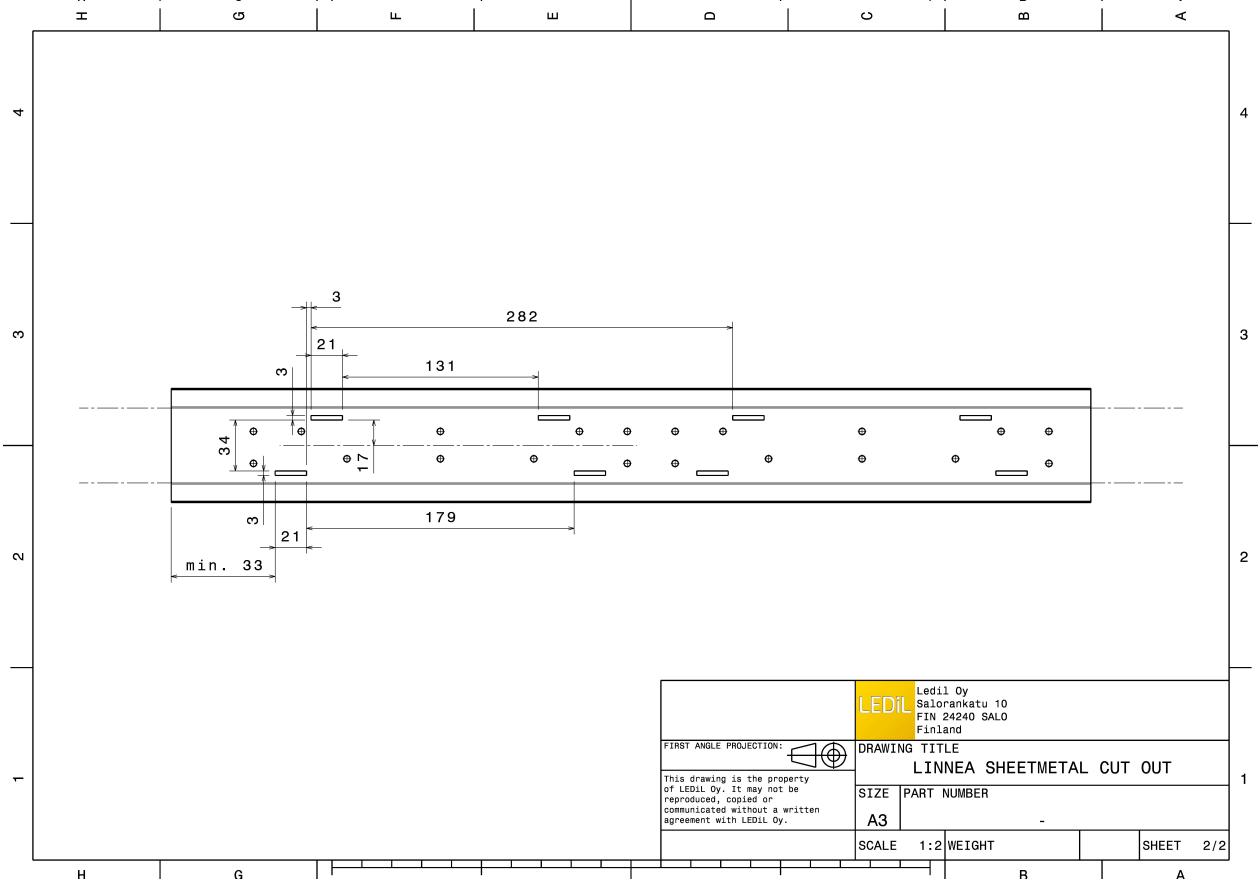
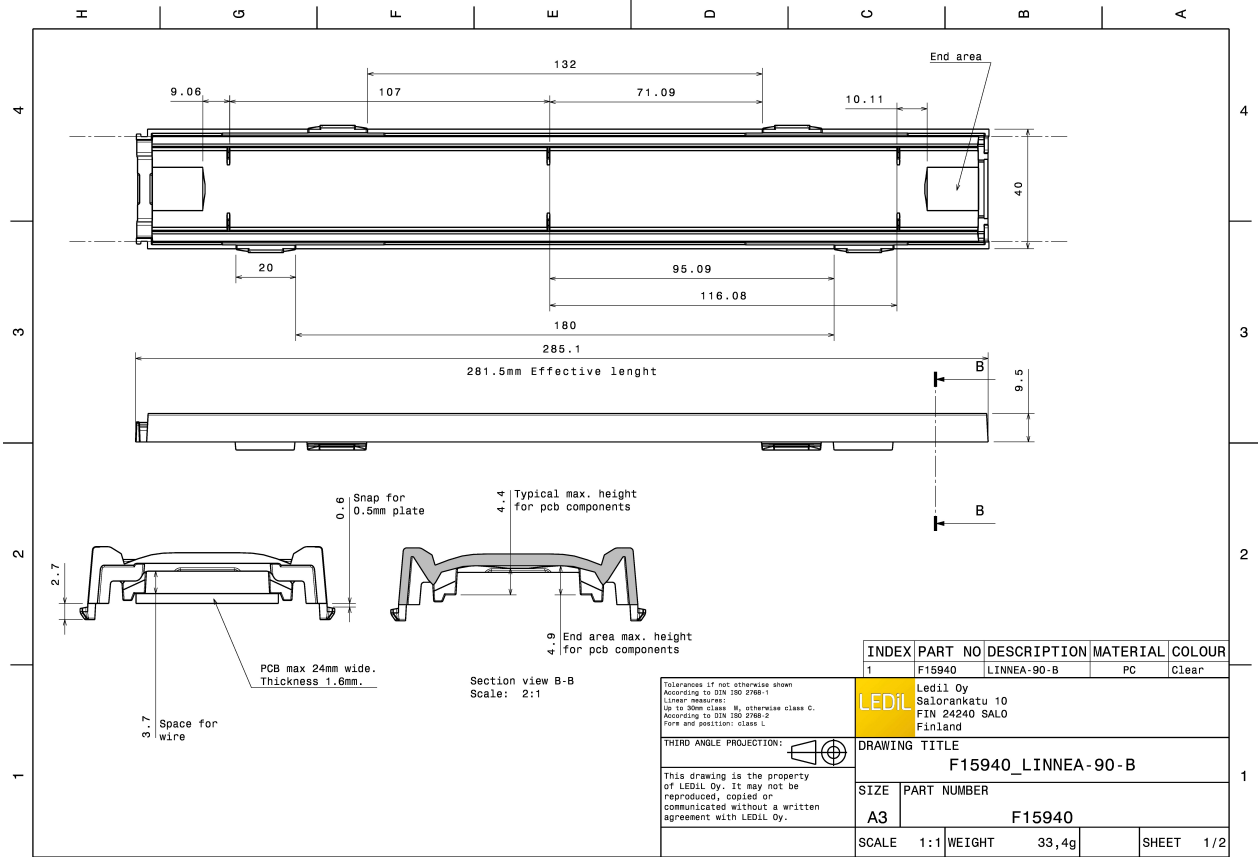
### MATERIAL SPECIFICATIONS:

| Component   | Type        | Material | Colour | Finish |
|-------------|-------------|----------|--------|--------|
| LINNEA-90-B | Linear lens | PC       | clear  |        |


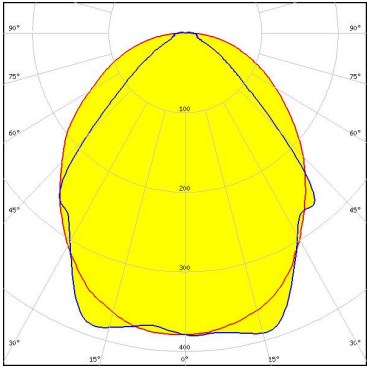
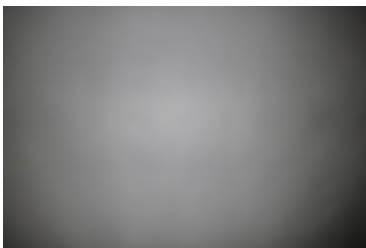
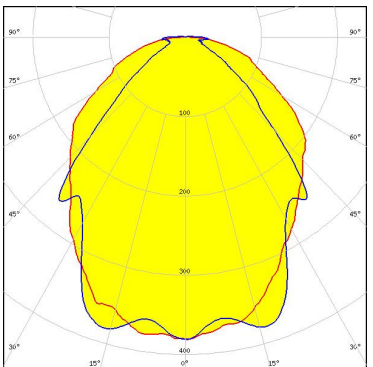

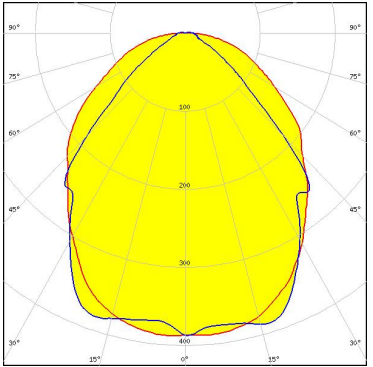
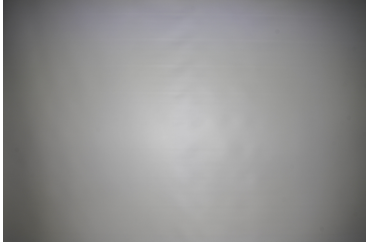
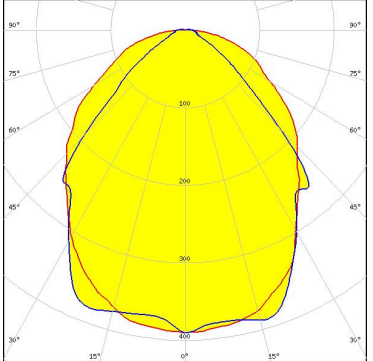


### ORDERING INFORMATION:


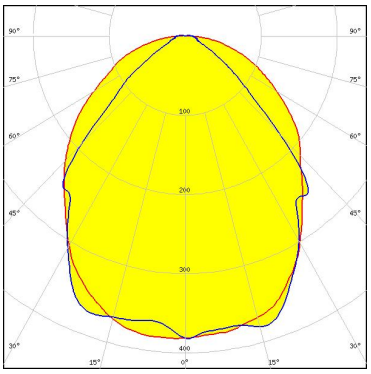
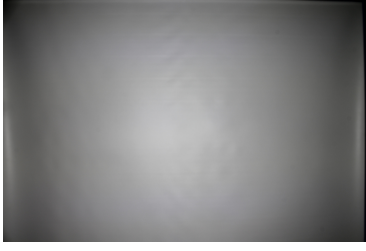
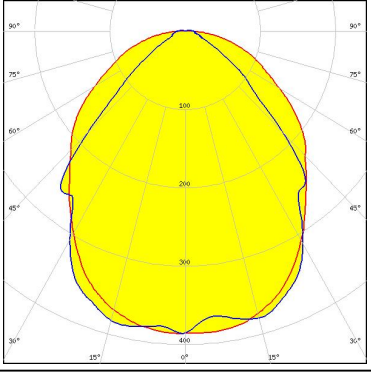
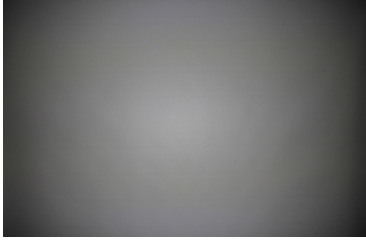
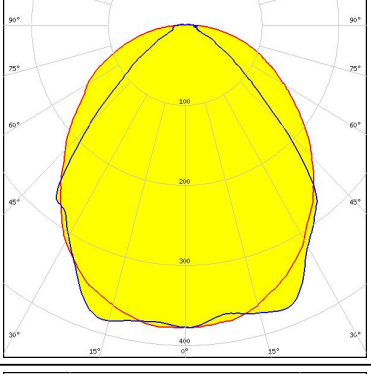

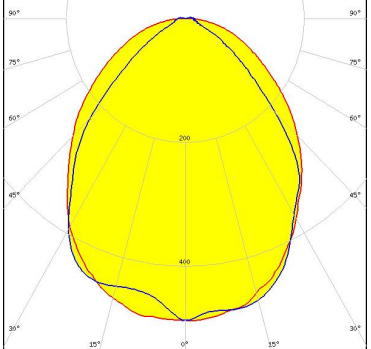
| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| F15940_LINNEA-90-B<br>» Box size: 578 x 378 x 295 mm | 180        | 30  | 30  | 7.1             |




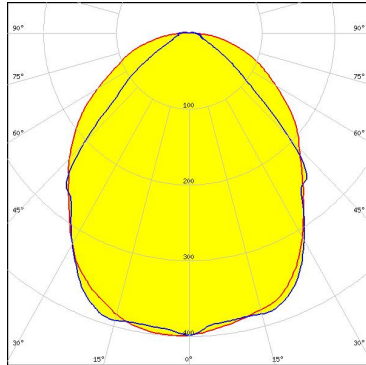
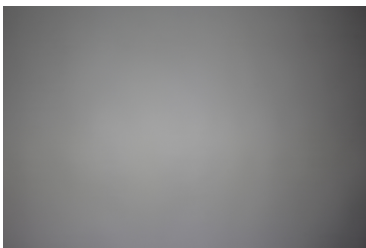
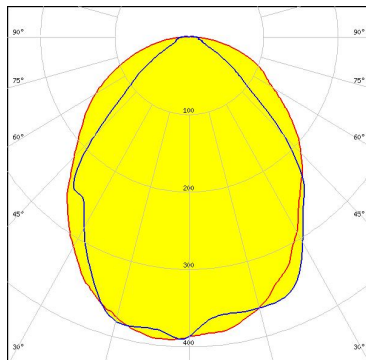

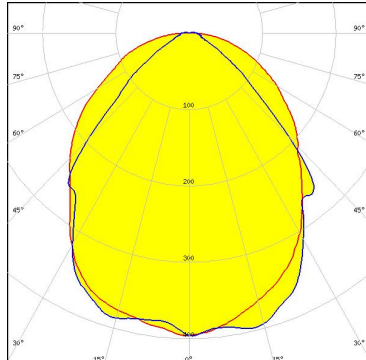
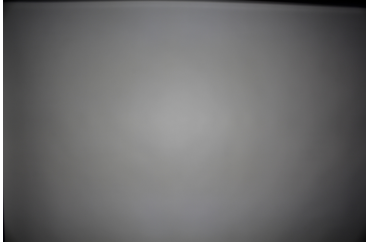
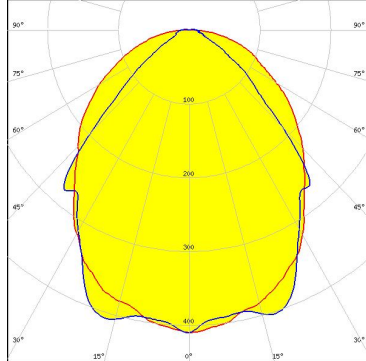
#### PHOTOMETRIC DATA (MEASURED):

|   |  |   |
|---|--|---|
| <p><b>COMET ELECTRONICS</b></p> <p>LED Tridino 1ft 1100lm xxxHE 1R HV<br/>           FWHM 103.0 + 89.0°<br/>           Efficiency 82 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |    |    |
| <p><b>CREE</b></p> <p>LED XP-E<br/>           FWHM 104.0 + 88.0°<br/>           Efficiency 81 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>  |   |   |
| <p><b>Helvar</b></p> <p>LED L-iC-282-827-865-011A<br/>           FWHM 102.0 + 89.0°<br/>           Efficiency 82 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>                     |  |  |
| <p><b>Helvar</b></p> <p>LED LP-282-840-009A 60/300<br/>           FWHM 100.0 + 89.0°<br/>           Efficiency 82 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>                    |  |  |

#### PHOTOMETRIC DATA (MEASURED):

|   |  |   |
|---|--|---|
| <p><b>Helvar</b></p> <p>LED LS-282-840-011A<br/>           FWHM 102.0 + 90.0°<br/>           Efficiency 81 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>   |    |    |
| <p><b>Helvar</b></p> <p>LED LX-282-840-023A<br/>           FWHM 102.0 + 89.0°<br/>           Efficiency 82 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>   |   |   |
| <p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1<br/>           FWHM 89.0 + 104.0°<br/>           Efficiency 83 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |  |
| <p><b>NICHIA</b></p> <p>LED NF2x757D<br/>           FWHM 86.0 + 96.0°<br/>           Efficiency 0 %<br/>           Peak intensity 0.5 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>  |  |  |

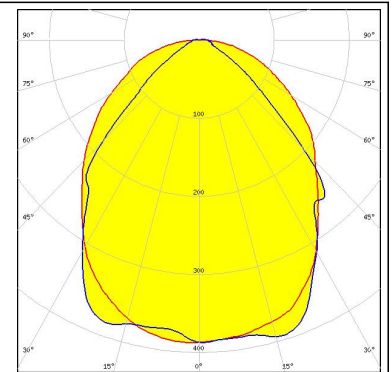
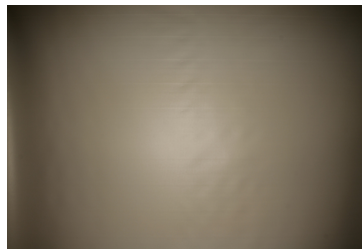
#### PHOTOMETRIC DATA (MEASURED):

|  |  |   |
|--|--|---|
| <p><b>NICHIA</b></p> <p>LED NFSW757H<br/>           FWHM 100.0 + 90.0°<br/>           Efficiency 85 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>   |    |    |
| <p><b>NICHIA</b></p> <p>LED NFSx757G<br/>           FWHM 98.0 + 88.0°<br/>           Efficiency 81 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>  |   |   |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip)<br/>           FWHM 99.0 + 89.0°<br/>           Efficiency 83 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>      |  |  |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED Duris S5 (Single chip)<br/>           FWHM 98.0 + 89.0°<br/>           Efficiency 85 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |  |

**PHOTOMETRIC DATA (MEASURED):**

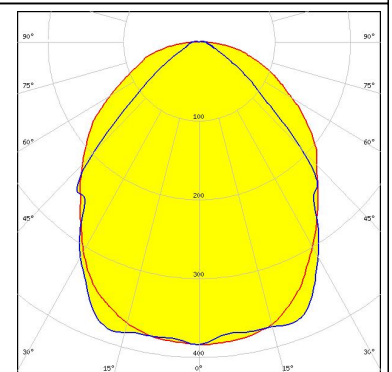
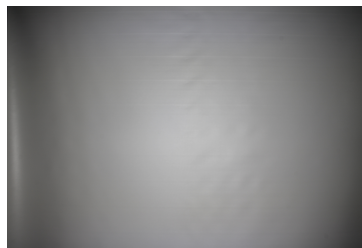
## PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
 FWHM 100.0 + 89.0°  
 Efficiency 82 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



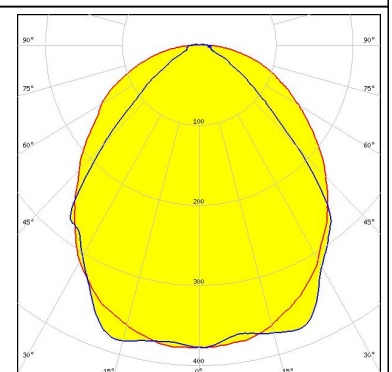
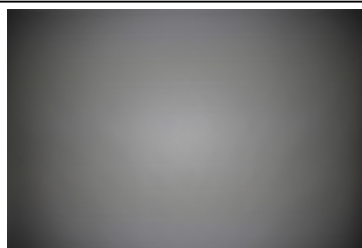
## PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
 FWHM 102.0 + 90.0°  
 Efficiency 82 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



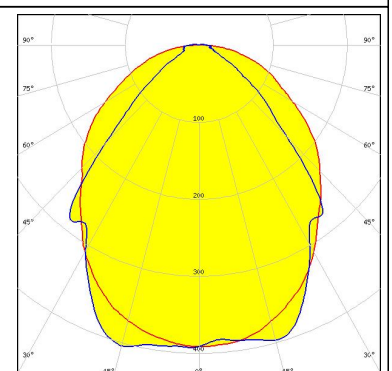
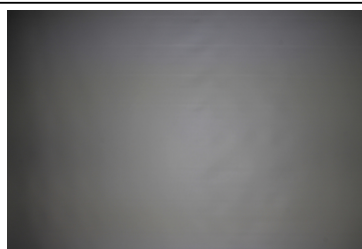
## SAMSUNG

LED LM561B Plus  
 FWHM 89.0 + 104.0°  
 Efficiency 83 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## SAMSUNG

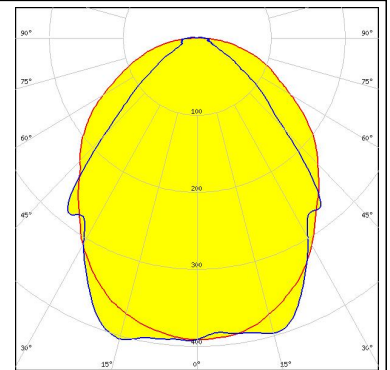
LED LT-H282C  
 FWHM 103.0 + 87.0°  
 Efficiency 84 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

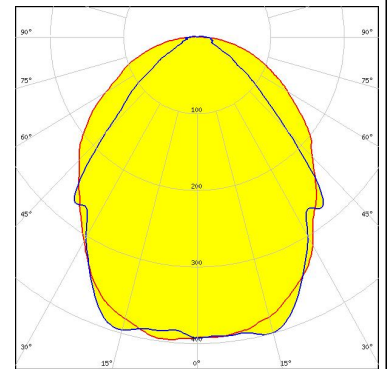
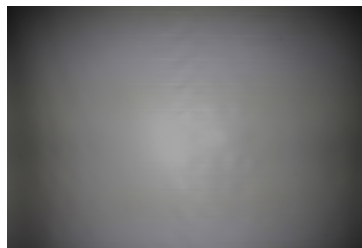
### SAMSUNG

LED LT-H562C  
FWHM 103.0 + 87.0°  
Efficiency 84 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



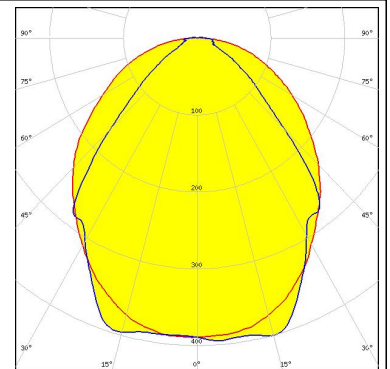
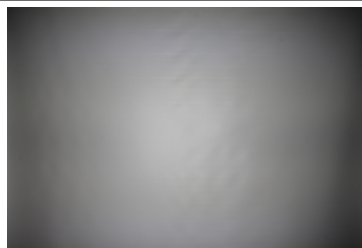
### SAMSUNG

LED LT-Q282B  
FWHM 101.0 + 87.0°  
Efficiency 84 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



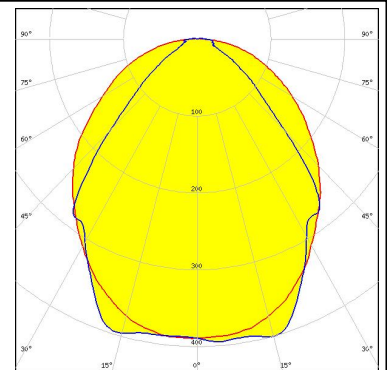
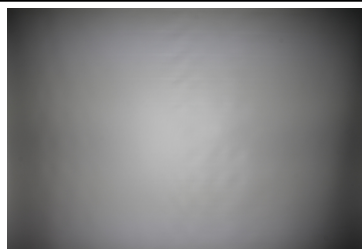
### SAMSUNG

LED LT-S282H  
FWHM 104.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### SAMSUNG

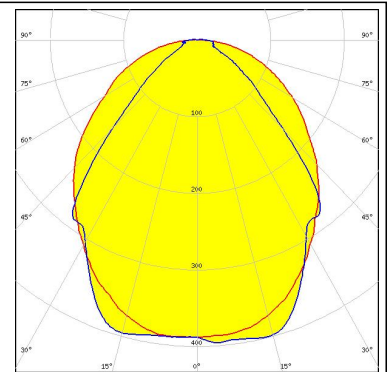
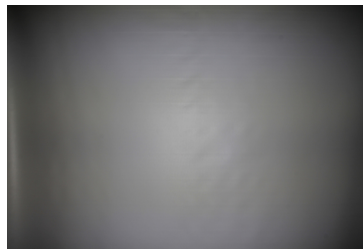
LED LT-S562H  
FWHM 104.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

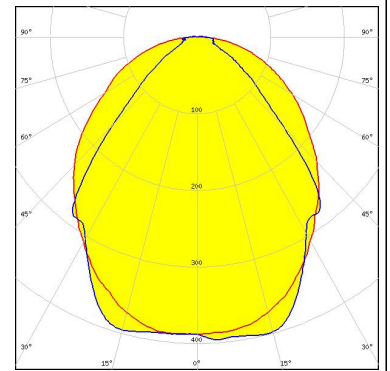
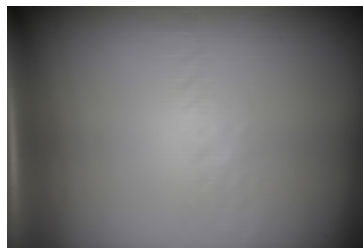
## SAMSUNG

LED LT-V282E  
FWHM 103.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

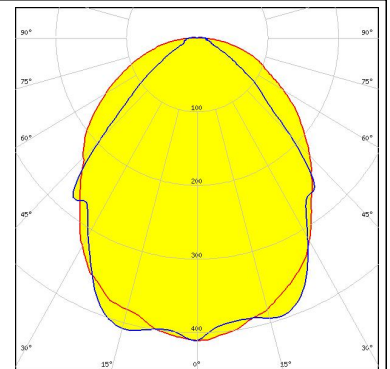
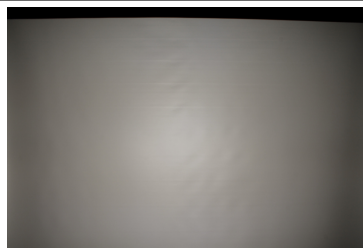


## SAMSUNG

LED LT-V562E  
FWHM 103.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

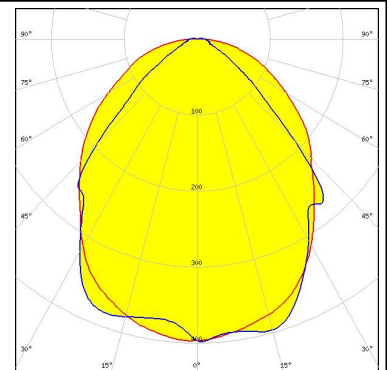


LED SEOUL DC 3030  
FWHM 99.0 + 88.0°  
Efficiency 85 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## TRIDONIC

LED LLE G4 24x280mm 1250lm  
FWHM 100.0 + 89.0°  
Efficiency 83 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

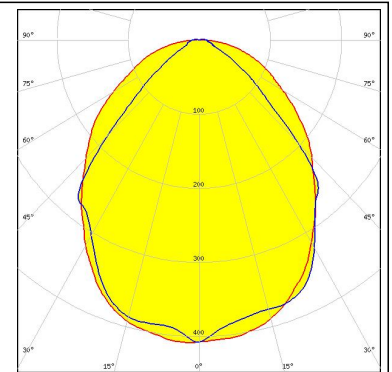




#### PHOTOMETRIC DATA (MEASURED):

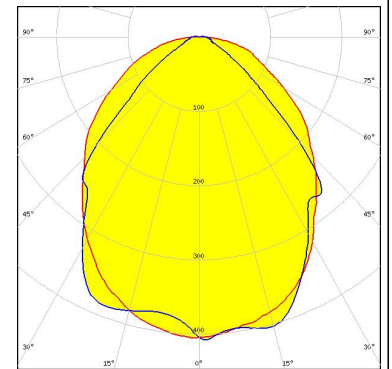
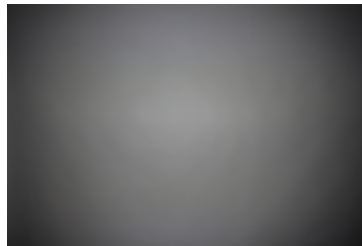
#### TRIDONIC

LED LLE G4 24x280mm 2000lm ADV  
FWHM 98.0 + 88.0°  
Efficiency 83 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### TRIDONIC

LED LLE G4 24x280mm 650lm  
FWHM 99.0 + 89.0°  
Efficiency 84 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### 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

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#### LEDiL Inc.

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Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.