

## LINNEA-UP

Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile. Variant made from PC.

## TECHNICAL SPECIFICATIONS:

|                |                 |
|----------------|-----------------|
| Dimensions     | 285.0 x 40.0 mm |
| Height         | 10.3 mm         |
| Fastening      | clips           |
| ROHS compliant | yes ⓘ           |

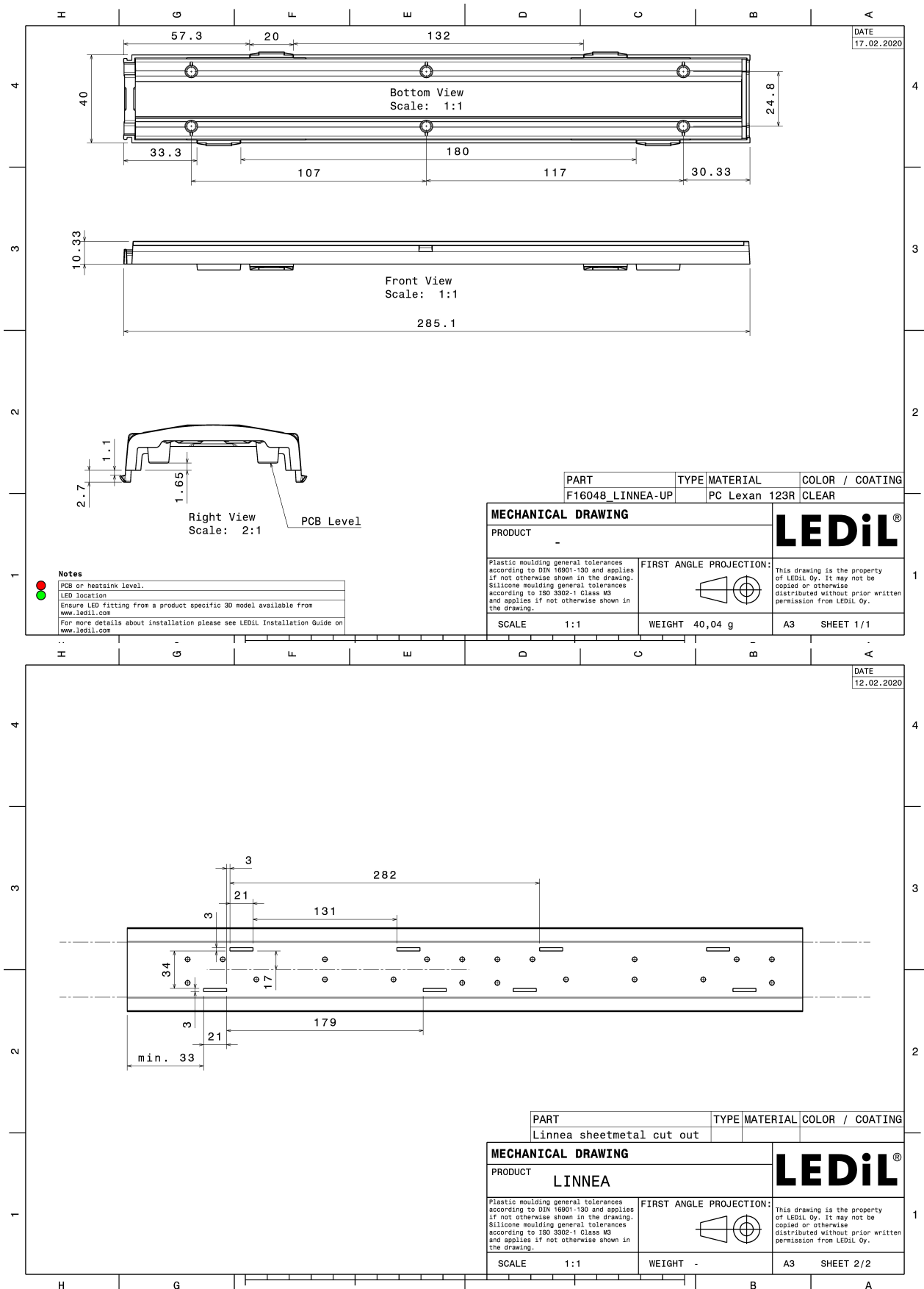


## MATERIAL SPECIFICATIONS:

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

## ORDERING INFORMATION:

| Component                      | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|-----|-----|-----------------|
| F16048_LINNEA-UP               | 162        | 36  | 36  | 7.6             |
| » Box size: 398 x 298 x 265 mm |            |     |     |                 |

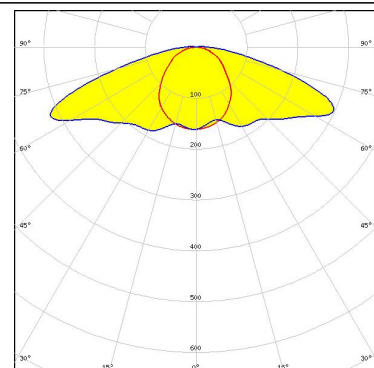


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

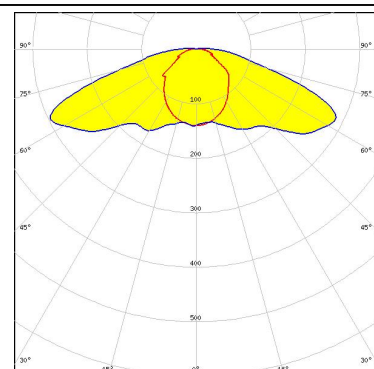
### PHOTOMETRIC DATA (MEASURED):



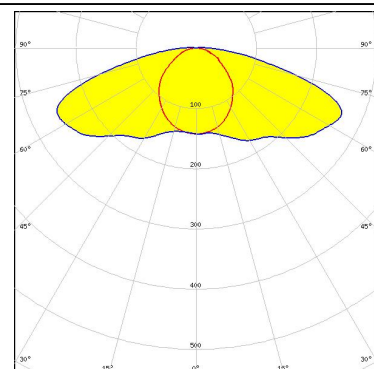
LED Tridino 1ft 1100lm xxxHE 1R HV  
FWHM Asymmetric  
Efficiency 79 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



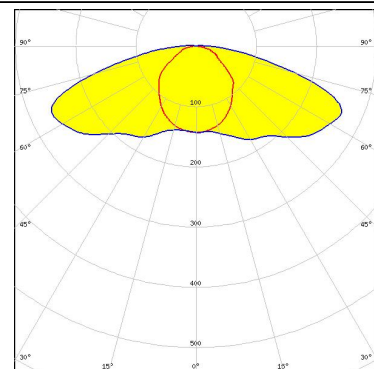
LED XP-E  
FWHM Asymmetric  
Efficiency 76 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED L-iC-282-827-865-011A  
FWHM Asymmetric  
Efficiency 74 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



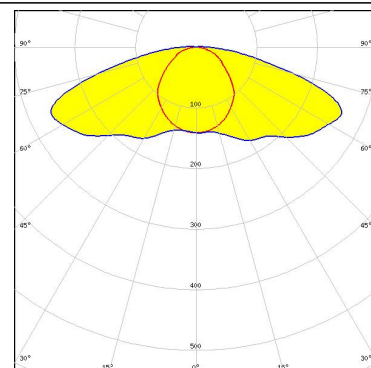
LED LP-282-840-009A 60/300  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

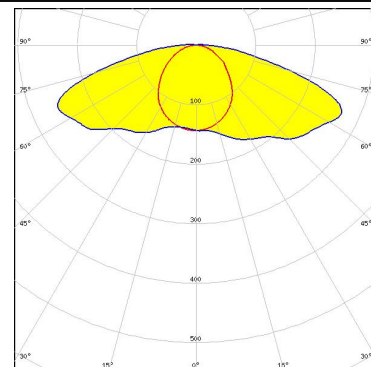
#### Helvar

LED LS-282-840-011A  
FWHM Asymmetric  
Efficiency 74 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



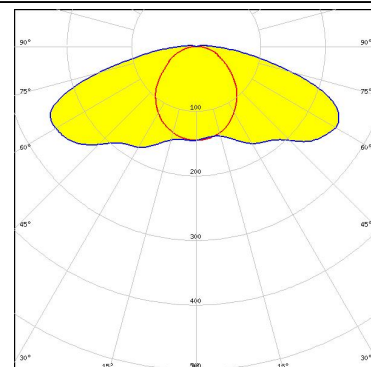
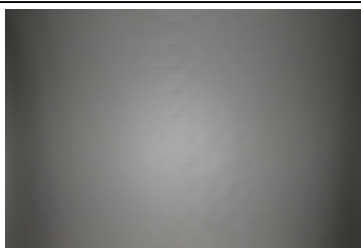
#### Helvar

LED LX-282-840-023A  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



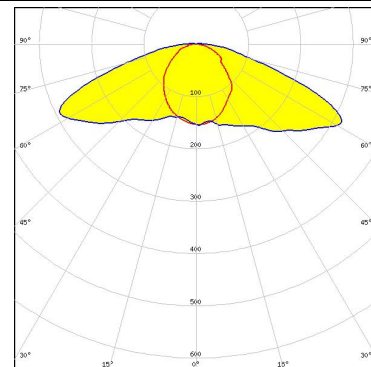
#### MST Your solutions

LED LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1  
FWHM Asymmetric  
Efficiency 76 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

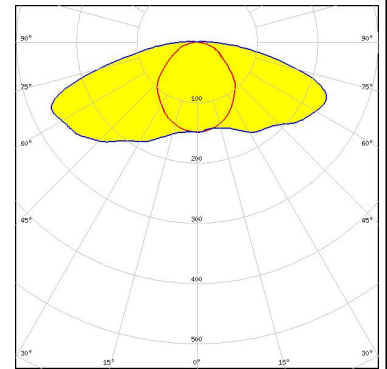
LED NF2x757G  
FWHM Asymmetric  
Efficiency 77 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

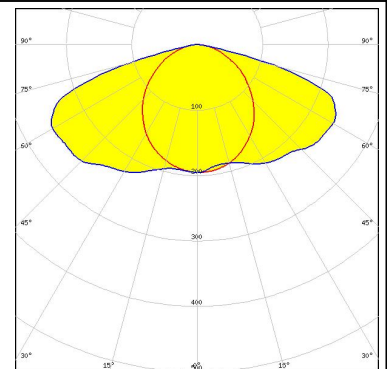


LED NFSW757H  
FWHM Asymmetric  
Efficiency 74 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



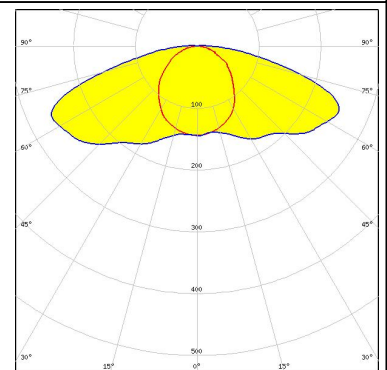
### OSRAM

LED PL-LIN-IND-Z1 2800 560x24  
FWHM Asymmetric  
Efficiency 78 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



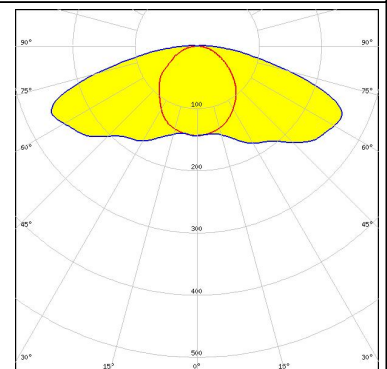
### OSRAM

LED PL-LIN-Z5 1100 280x20  
FWHM Asymmetric  
Efficiency 74 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OSRAM

LED PL-LIN-Z5 2000 280x20  
FWHM Asymmetric  
Efficiency 74 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

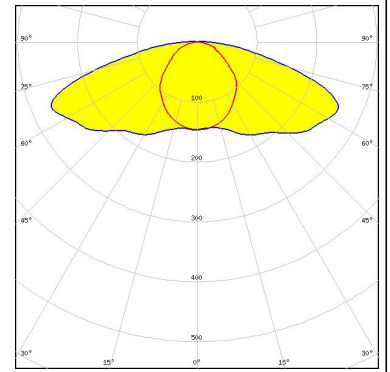


#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

Opto Semiconductors

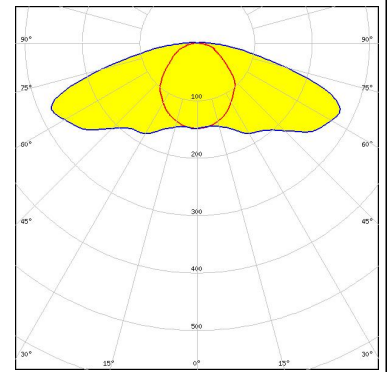
LED Duris S5 (2 chip)  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

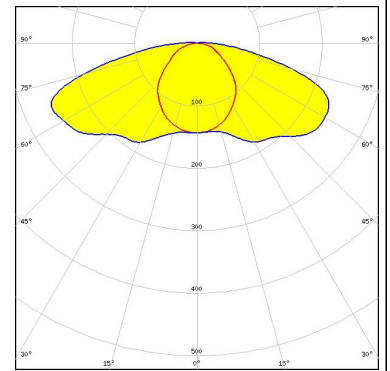
Opto Semiconductors

LED Duris S5 (Single chip)  
FWHM Asymmetric  
Efficiency 76 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



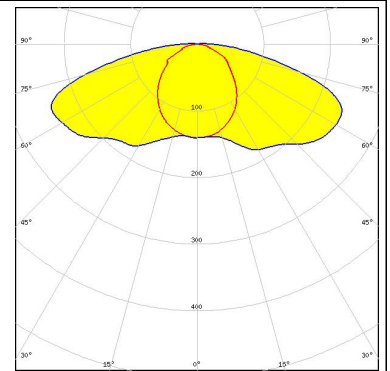
##### PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
FWHM Asymmetric  
Efficiency 73 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### PHILIPS

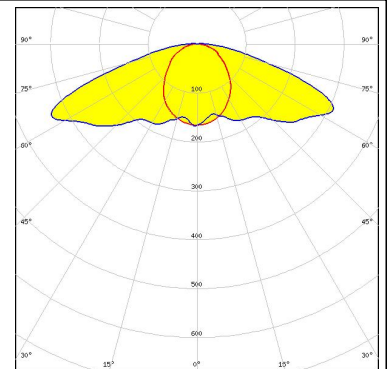
LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
FWHM Asymmetric  
Efficiency 73 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

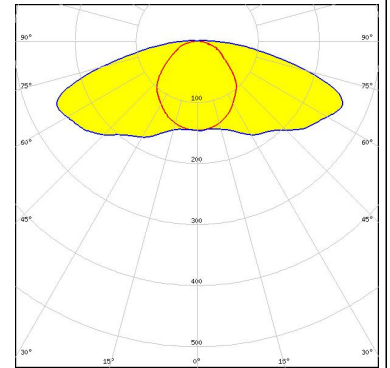
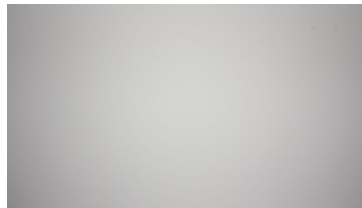
#### SAMSUNG

LED LM28xB Series  
FWHM Asymmetric  
Efficiency 82 %  
Peak intensity 0.2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



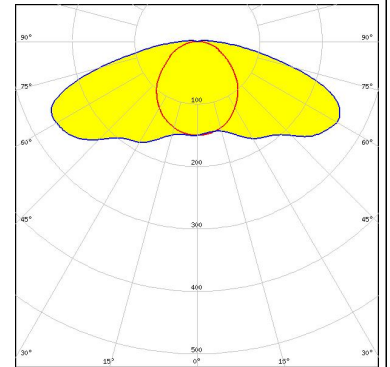
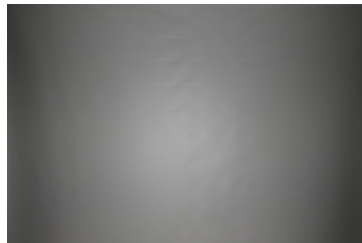
#### SAMSUNG

LED LM301B  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



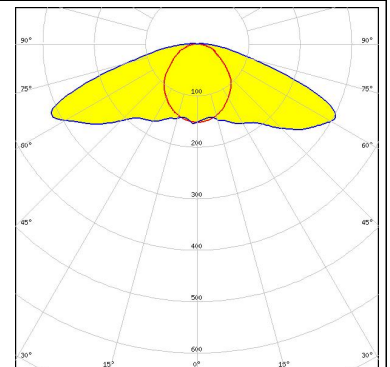
#### SAMSUNG

LED LM561B Plus  
FWHM Asymmetric  
Efficiency 76 %  
Peak intensity 0.3 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LT-H282C  
FWHM Asymmetric  
Efficiency 77 %  
Peak intensity 0.3 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:

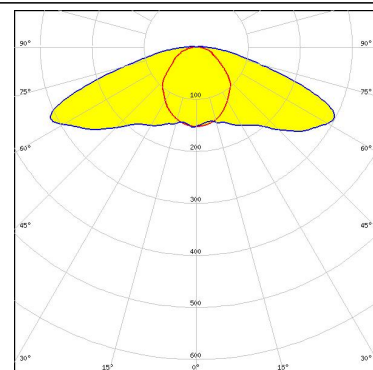




### PHOTOMETRIC DATA (MEASURED):

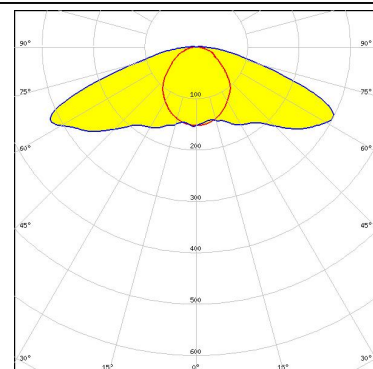
#### SAMSUNG

LED LT-Q282B  
FWHM Asymmetric  
Efficiency 77 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



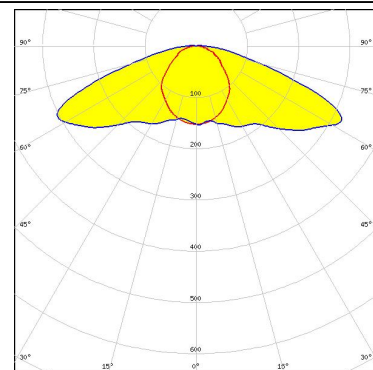
#### SAMSUNG

LED LT-S282H  
FWHM Asymmetric  
Efficiency 77 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



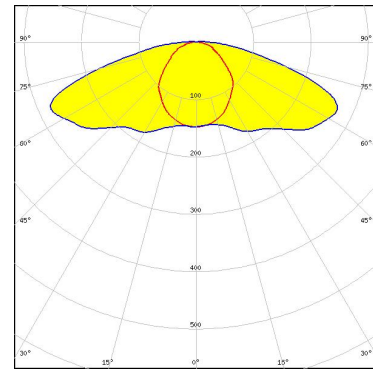
#### SAMSUNG

LED LT-V282E  
FWHM Asymmetric  
Efficiency 77 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 3030  
FWHM Asymmetric  
Efficiency 76 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

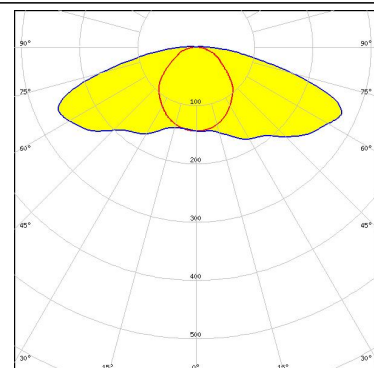




### PHOTOMETRIC DATA (MEASURED):

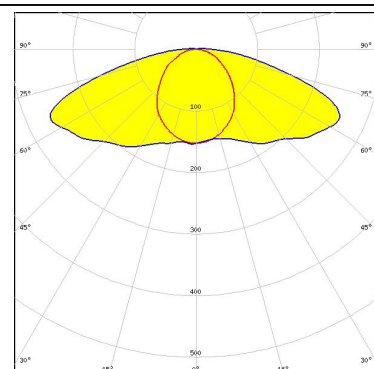
#### TRIDONIC

LED LLE G4 24x280mm 1250lm  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



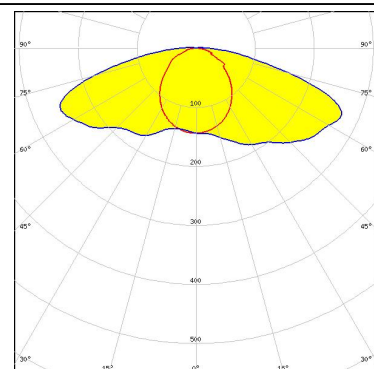
#### TRIDONIC

LED LLE G4 24x280mm 2000lm ADV  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### TRIDONIC

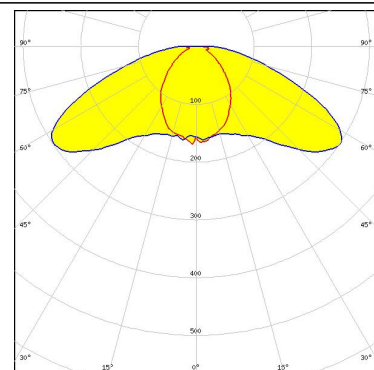
LED LLE G4 24x280mm 650lm  
FWHM Asymmetric  
Efficiency 75 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



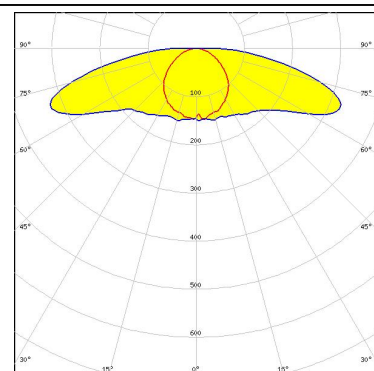
### PHOTOMETRIC DATA (SIMULATED):



LED LUXEON 3030 2D (Round LES)  
 FWHM Asymmetric  
 Efficiency 75 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED SEOUL DC 3030C  
 FWHM Asymmetric  
 Efficiency 79 %  
 Peak intensity 0.3 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### 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](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ledil:

F16048\_LINNEA-UP