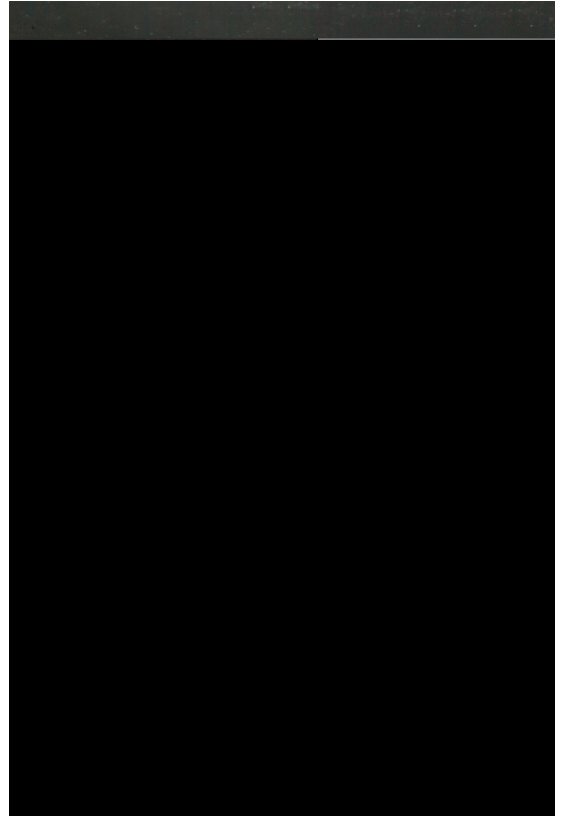


## LINNEA-O

~35° + 70° oval beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

### TECHNICAL SPECIFICATIONS:

Dimensions	285.0 x 40.0 mm
Height	10.5 mm
Fastening	pin
Colour	clear
Box size	578 x 378 x 295 mm
Box weight	7.3 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LINNEA-O	Linear lens	PC	clear

# LEDiL<sup>®</sup>

**PRODUCT  
DATASHEET**  
F15756\_LINNEA-O

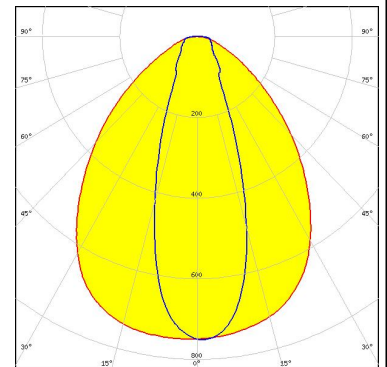
#### PHOTOMETRIC DATA (MEASURED):



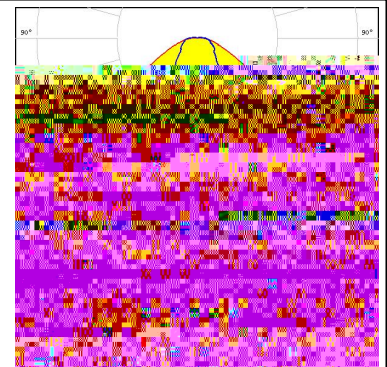
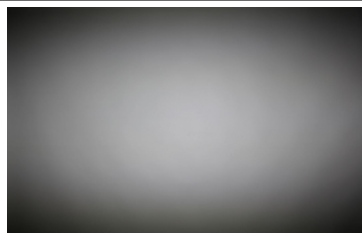
LED CALOSNU405-M7W1  
 FWHM 88.0 + 35.0°  
 Efficiency 82 %  
 Peak intensity 0.750 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



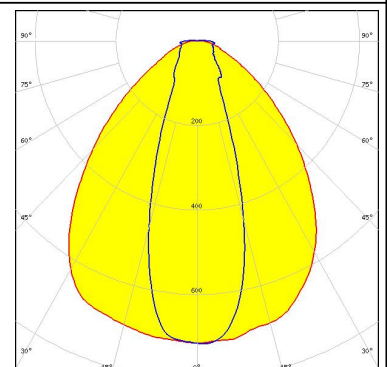
LED CALOSNU410-M7W1  
 FWHM 88.0 + 35.0°  
 Efficiency 82 %  
 Peak intensity 0.750 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED Tridino 1ft 1100lm xxxHE 1R HV  
 FWHM 89.0 + 38.0°  
 Efficiency 84 %  
 Peak intensity 0.730 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-E  
 FWHM 90.0 + 35.0°  
 Efficiency 81 %  
 Peak intensity 0.720 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

### Helvar

LED L-iC-282-827-865-011A  
 FWHM 91.0 + 39.0°  
 Efficiency 83 %  
 Peak intensity 0.710 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

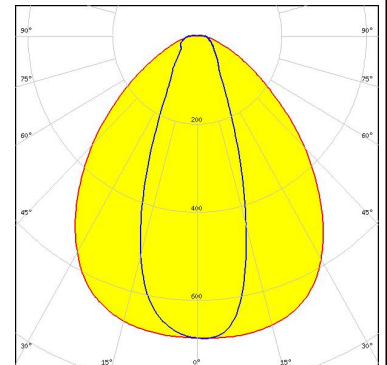
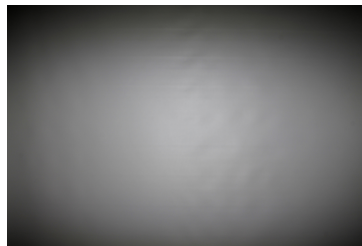


### Helvar

LED LP-282-840-009A 60/300  
 FWHM 91.0 + 39.0°  
 Efficiency 83 %  
 Peak intensity 0.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### Helvar

LED LS-282-840-011A  
 FWHM 92.0 + 39.0°  
 Efficiency 82 %  
 Peak intensity 0.690 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



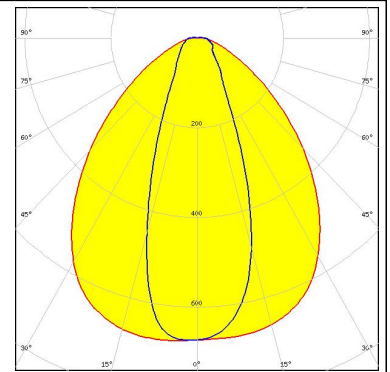
### Helvar

LED LX-282-840-023A  
 FWHM 91.0 + 39.0°  
 Efficiency 83 %  
 Peak intensity 0.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

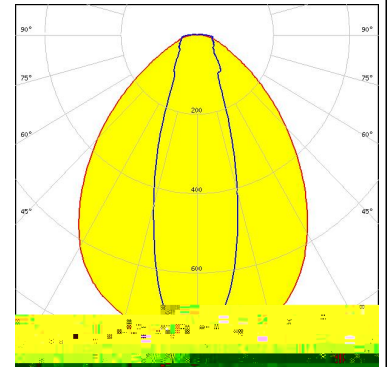
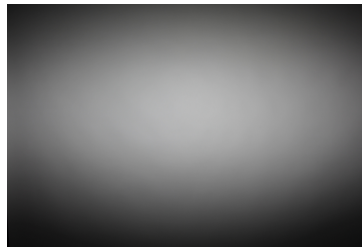


#### PHOTOMETRIC DATA (MEASURED):

**LED** LinLED 280x24mm 1100lm 8x0 4C 30V Opt G1  
**FWHM** 91.0 + 39.0°  
**Efficiency** 82 %  
**Peak intensity** 0.700 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** NF2x757G  
**FWHM** 86.0 + 33.0°  
**Efficiency** 82 %  
**Peak intensity** 0.770 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



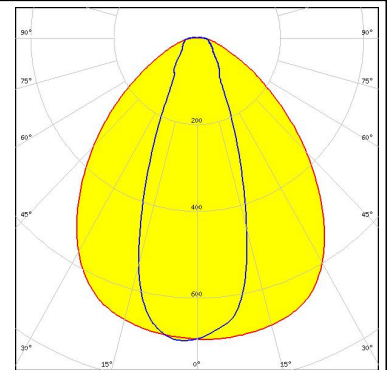
**LED** NFSW757H  
**FWHM** 92.0 + 41.0°  
**Efficiency** 85 %  
**Peak intensity** 0.681 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



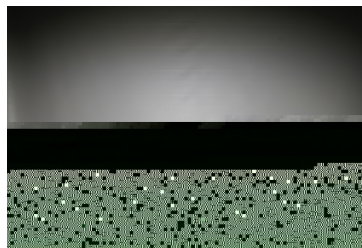
**LED** NFSx757G  
**FWHM** 87.0 + 38.0°  
**Efficiency** 81 %  
**Peak intensity** 0.700 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**

#### PHOTOMETRIC DATA (MEASURED):

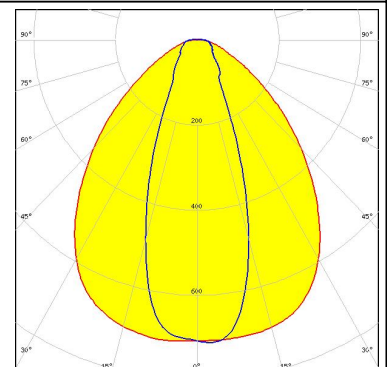
**LED** PrevaLED Linear Slim 3 (1100lm)  
**FWHM** 92.0 + 39.0°  
**Efficiency** 82 %  
**Peak intensity** 0.700 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



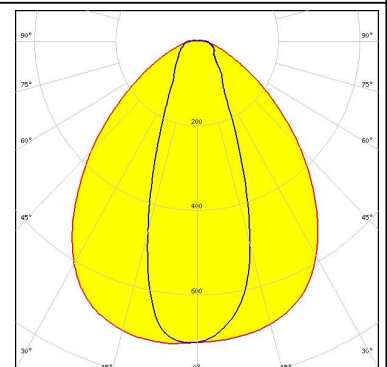
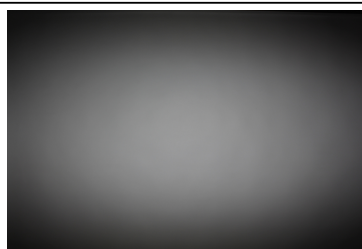
**LED** PrevaLED Linear Slim 3 (2000lm)  
**FWHM** 91.0 + 38.0°  
**Efficiency** 82 %  
**Peak intensity** 0.710 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** Duris S5 (2 chip)  
**FWHM** 90.0 + 38.0°  
**Efficiency** 83 %  
**Peak intensity** 0.710 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



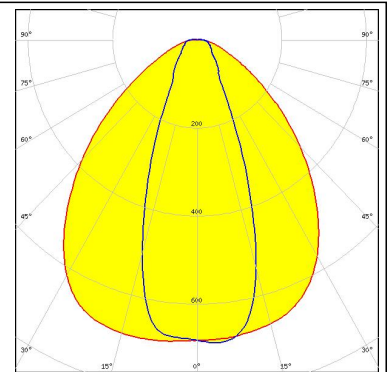
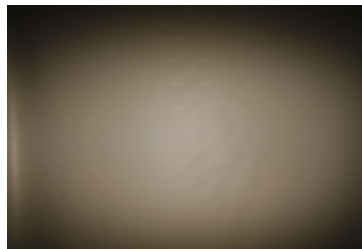
**LED** Duris S5 (Single chip)  
**FWHM** 91.0 + 38.0°  
**Efficiency** 85 %  
**Peak intensity** 0.720 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



#### PHOTOMETRIC DATA (MEASURED):

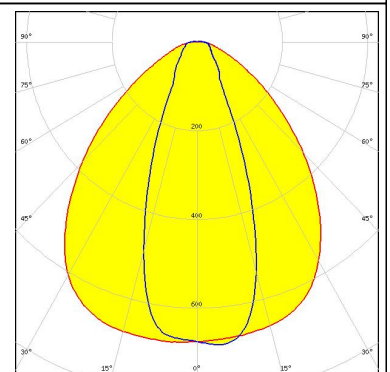
#### PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
 FWHM 92.0 + 40.0°  
 Efficiency 83 %  
 Peak intensity 0.690 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



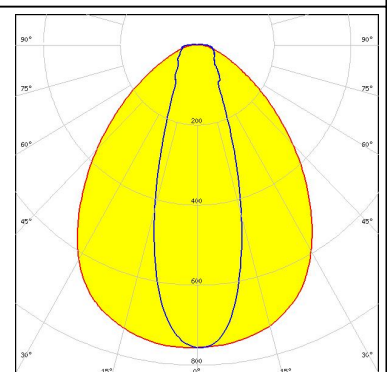
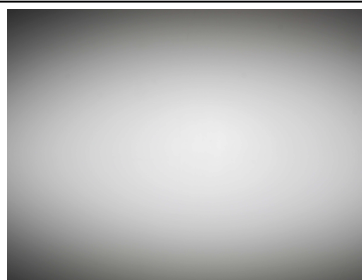
#### PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
 FWHM 93.0 + 40.0°  
 Efficiency 83 %  
 Peak intensity 0.690 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



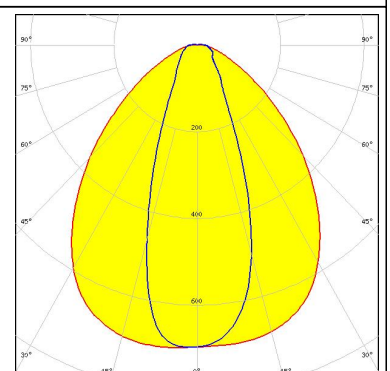
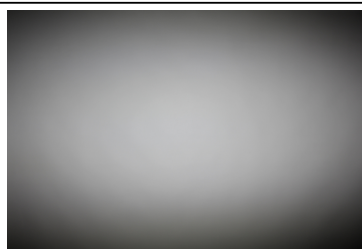
#### SAMSUNG

LED LM28xB Series  
 FWHM 88.0 + 33.0°  
 Efficiency 83 %  
 Peak intensity 0.540 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

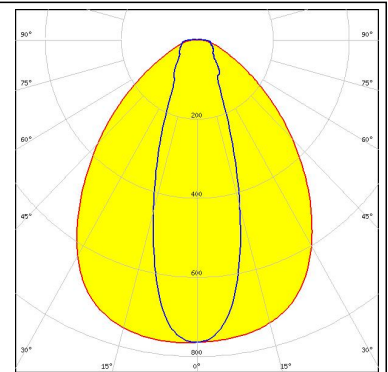
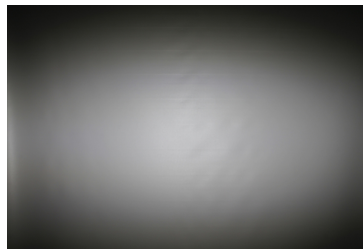
LED LM561B Plus  
 FWHM 91.0 + 39.0°  
 Efficiency 82 %  
 Peak intensity 0.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

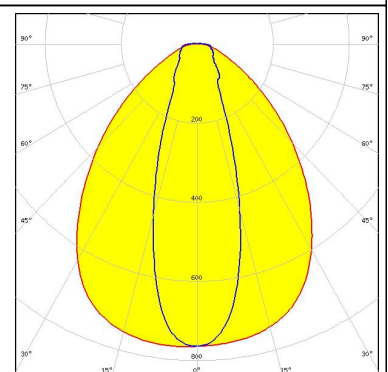
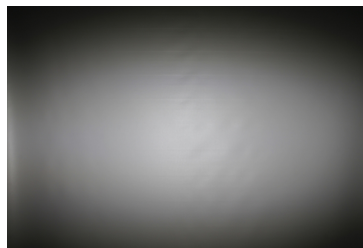
#### SAMSUNG

LED LT-H282C  
FWHM 88.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



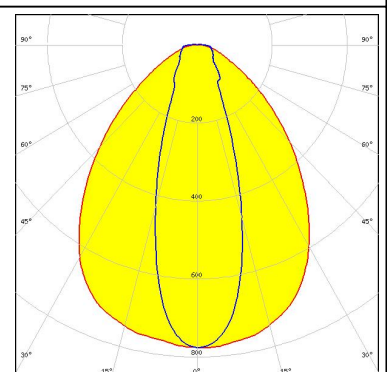
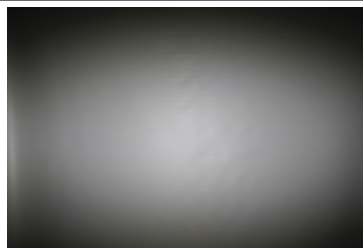
#### SAMSUNG

LED LT-H562C  
FWHM 88.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



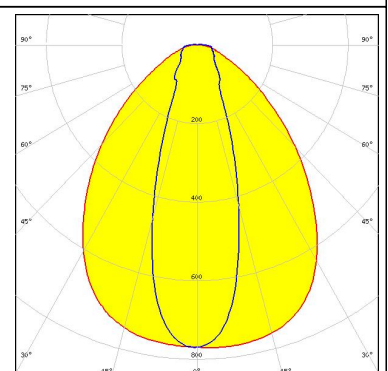
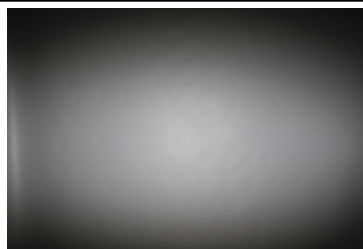
#### SAMSUNG

LED LT-Q282B  
FWHM 86.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LT-S282H  
FWHM 87.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

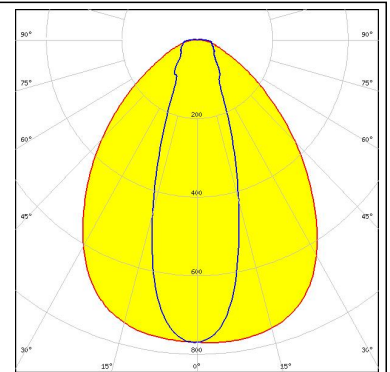




### PHOTOMETRIC DATA (MEASURED):

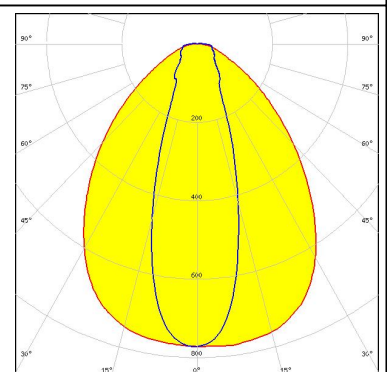
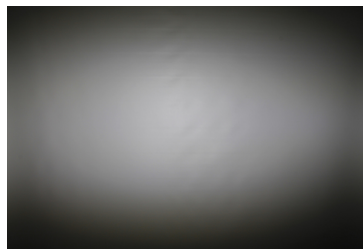
#### SAMSUNG

LED LT-S562H  
FWHM 87.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



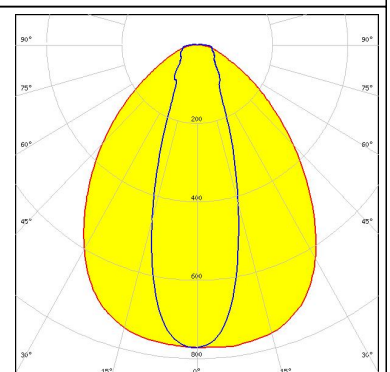
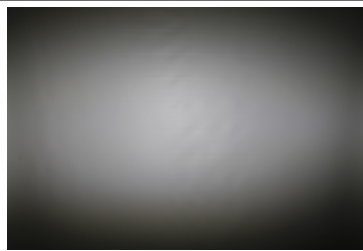
#### SAMSUNG

LED LT-V282E  
FWHM 87.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



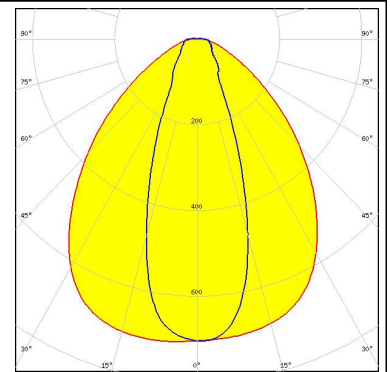
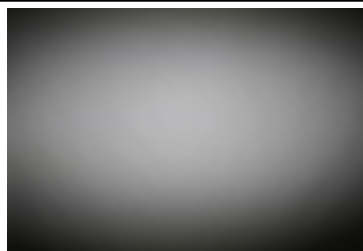
#### SAMSUNG

LED LT-V562E  
FWHM 87.0 + 33.0°  
Efficiency 83 %  
Peak intensity 0.770 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



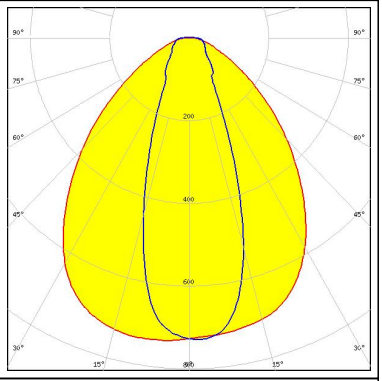
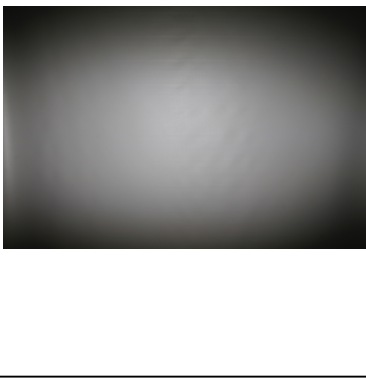
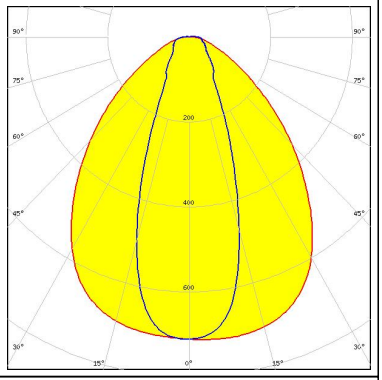
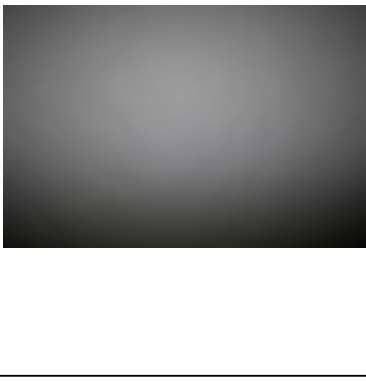
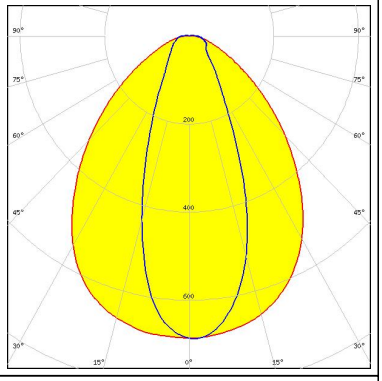

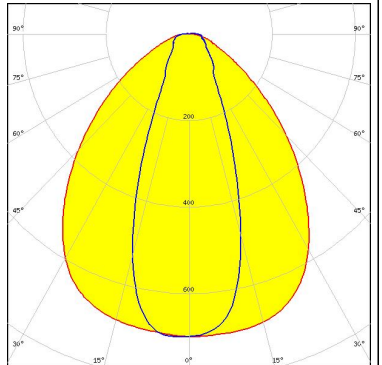


SEOUL SEMICONDUCTOR

LED SEOUL 5630D  
FWHM 91.0 + 38.0°  
Efficiency 82 %  
Peak intensity 0.710 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



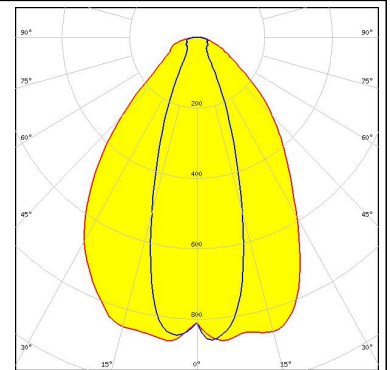
#### PHOTOMETRIC DATA (MEASURED):

<p> <b>SEOUL SEMICONDUCTOR</b></p> <p>LED: SEOUL DC 3030            FWHM: 89.0 + 37.0°            Efficiency: 84 %            Peak intensity: 0.740 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: LLE G4 24x280mm 1250lm            FWHM: 89.0 + 38.0°            Efficiency: 83 %            Peak intensity: 0.720 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: LLE G4 24x280mm 2000lm ADV            FWHM: 88.0 + 40.0°            Efficiency: 83 %            Peak intensity: 0.690 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED: LLE G4 24x280mm 650lm            FWHM: 90.0 + 39.0°            Efficiency: 84 %            Peak intensity: 0.700 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>		

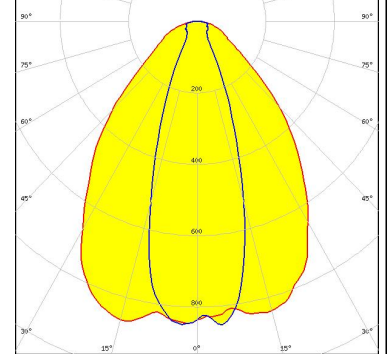
### PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G  
FWHM 34.0 + 75.0°  
Efficiency 83 %  
Peak intensity 0.880 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED SEOUL DC 3030C  
FWHM 82.0 + 34.0°  
Efficiency 84 %  
Peak intensity 0.867 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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USA

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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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