



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## LINNEA-90

~90° 90° wide beam optimized for 1.0 mm metal sheet or profile

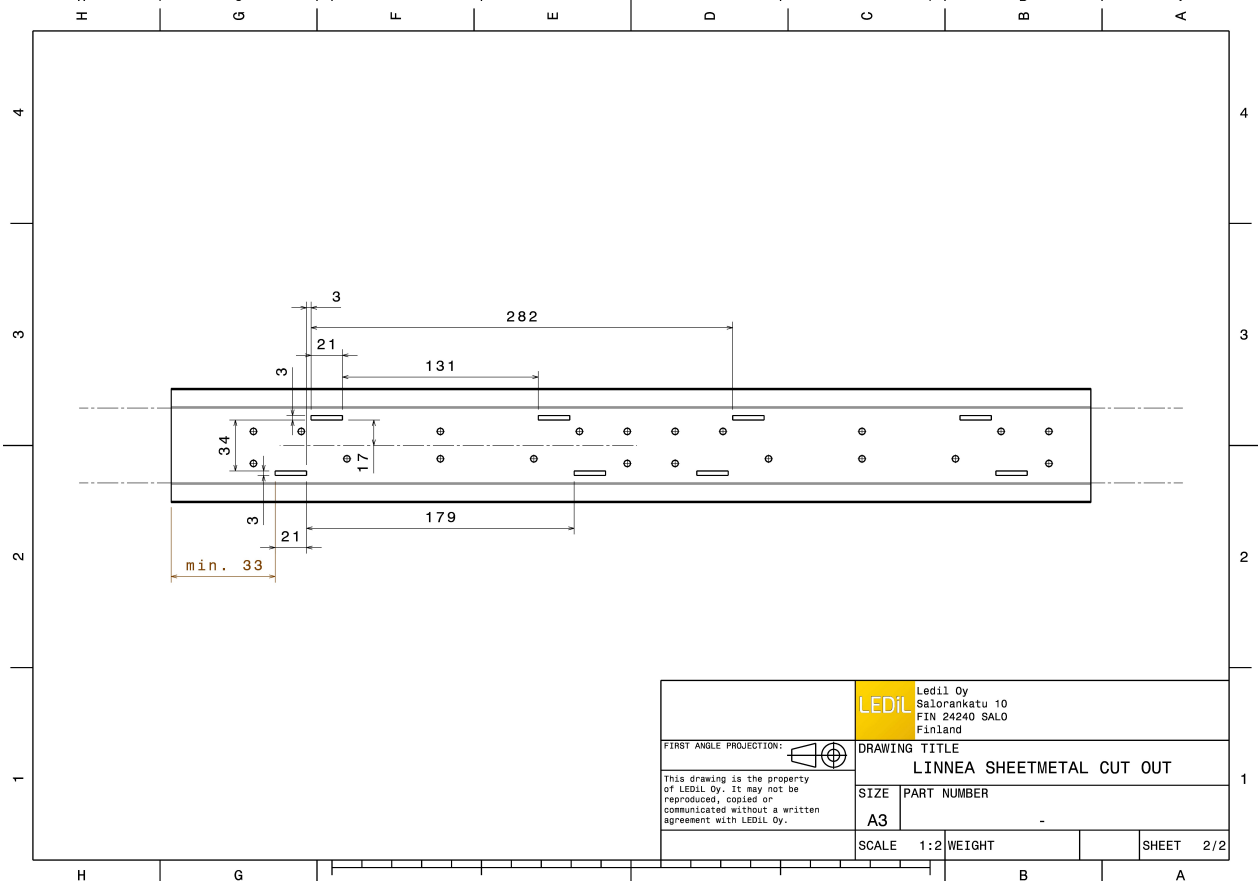
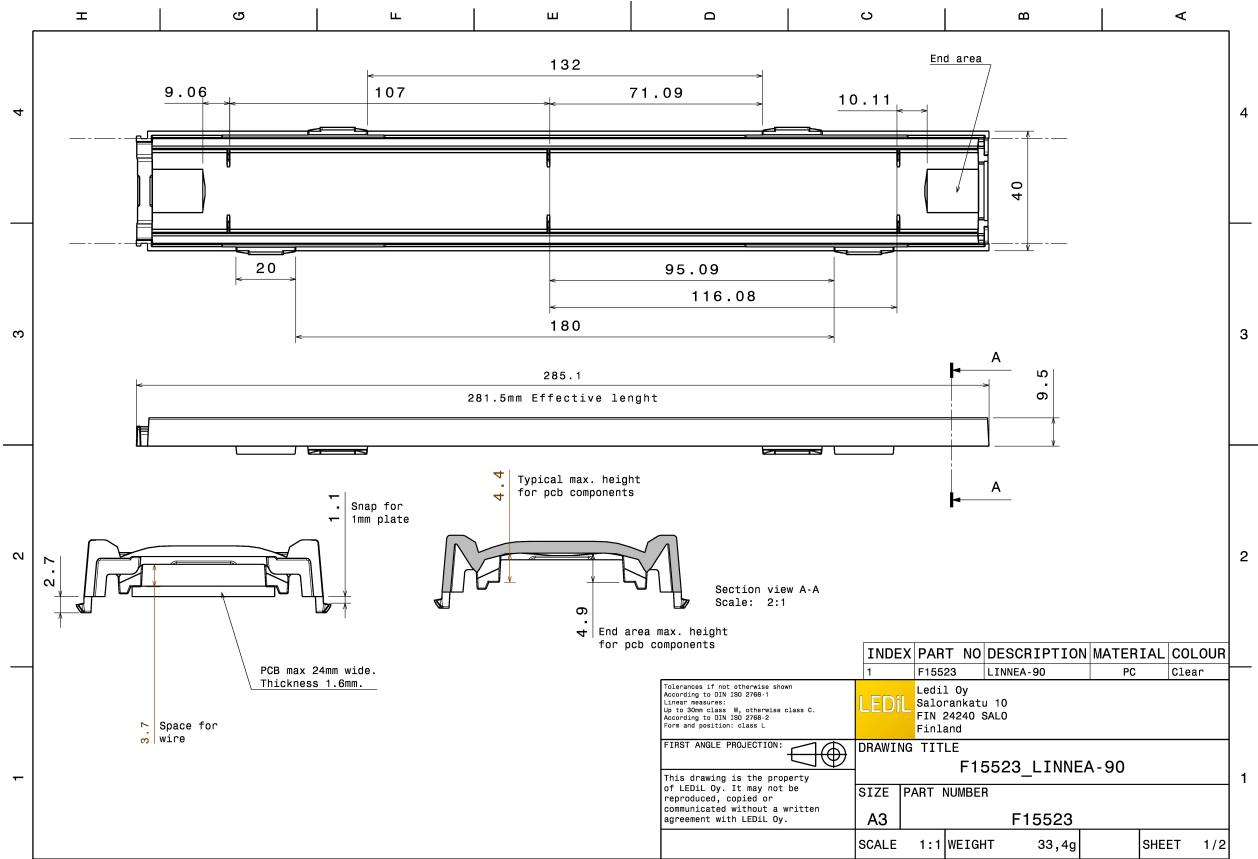
### TECHNICAL SPECIFICATIONS:

Dimensions	285x40 mm
Height	9.5 mm
Fastening	clips
Colour	clear
Box size	578 x 378 x 295 mm
Box weight	7 kg
Quantity in Box	180 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LINNEA-90	Lens	PC	clear

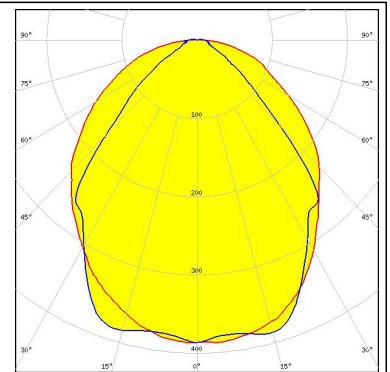




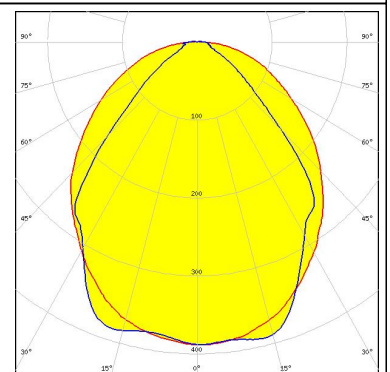
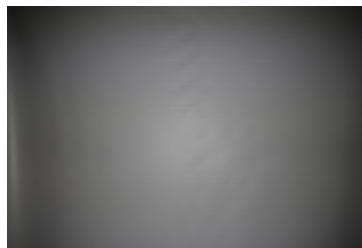
**PHOTOMETRIC DATA (MEASURED):**



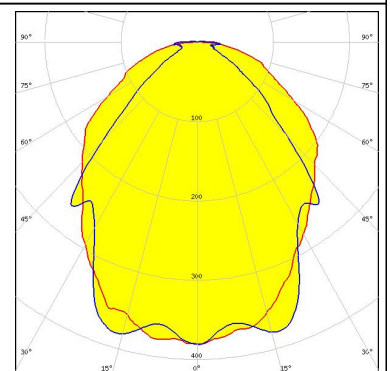
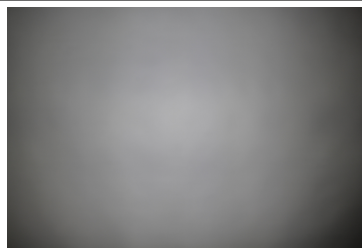
LED CALOSNU405-M7W1  
FWHM 104.0 + 87.0°  
Efficiency 82 %  
Peak intensity 0.390 cd/lm  
Required components:



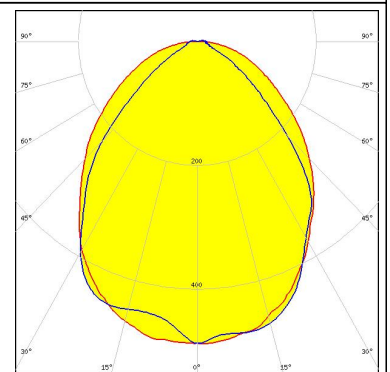
LED CALOSNU410-M7W1  
FWHM 104.0 + 86.0°  
Efficiency 83 %  
Peak intensity 0.390 cd/lm  
Required components:



LED XP-E  
FWHM 104.0 + 88.0°  
Efficiency 81 %  
Peak intensity 0.390 cd/lm  
Required components:



LED NF2x757D  
FWHM 86.0 + 99.0°  
Efficiency 0 %  
Peak intensity 0.480 cd/lm  
Required components:

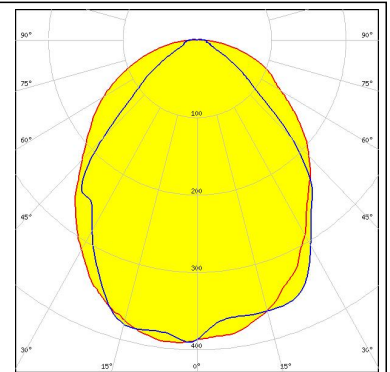




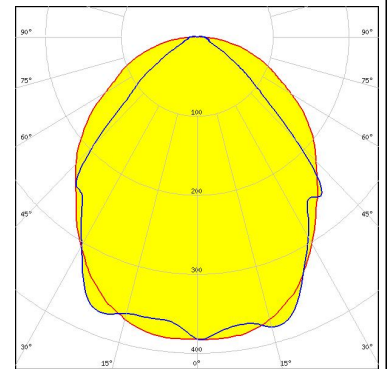
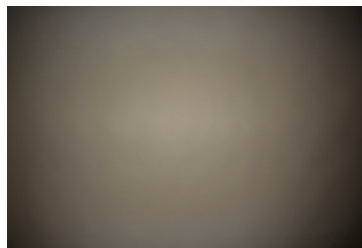
#### PHOTOMETRIC DATA (MEASURED):



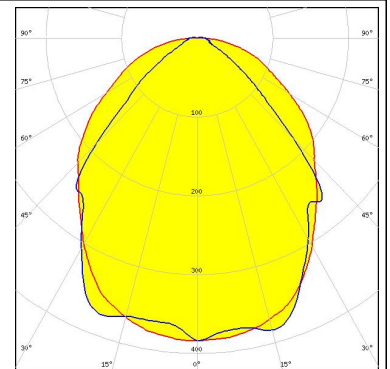
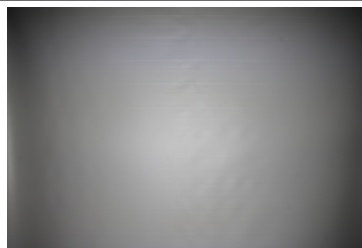
LED NFSx757G  
 FWHM 98.0 + 88.0°  
 Efficiency 81 %  
 Peak intensity 0.390 cd/lm  
 Required components:



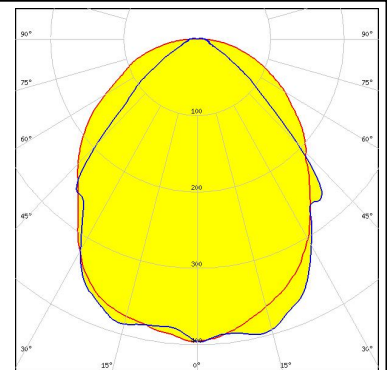
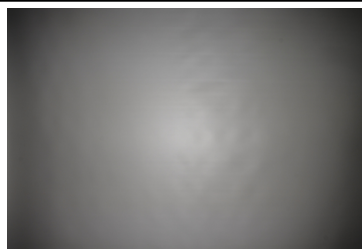
LED PrevaLED Linear Slim 3 (1100lm)  
 FWHM 103.0 + 90.0°  
 Efficiency 81 %  
 Peak intensity 0.380 cd/lm  
 Required components:



LED PrevaLED Linear Slim 3 (2000lm)  
 FWHM 103.0 + 89.0°  
 Efficiency 81 %  
 Peak intensity 0.380 cd/lm  
 Required components:



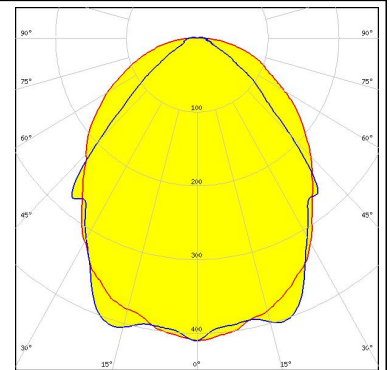
LED Duris S5 (2 chip)  
 FWHM 99.0 + 89.0°  
 Efficiency 83 %  
 Peak intensity 0.400 cd/lm  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

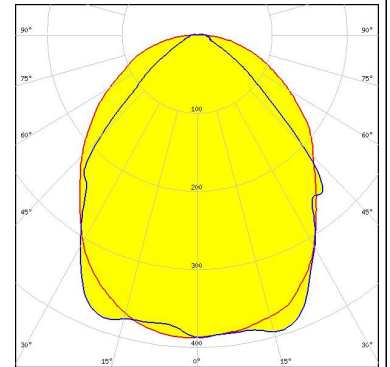
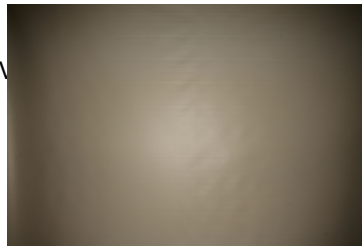
**OSRAM**  
Opto Semiconductors

LED Duris S5 (Single chip)  
FWHM 98.0 + 89.0°  
Efficiency 85 %  
Peak intensity 0.410 cd/lm  
Required components:



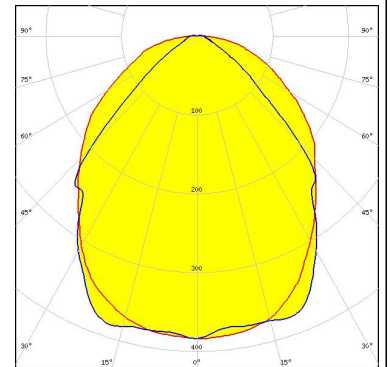
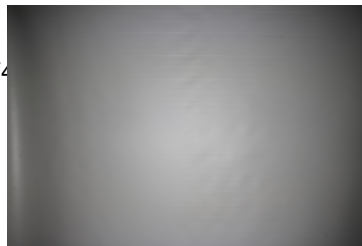
**PHILIPS**

LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4  
FWHM 100.0 + 89.0°  
Efficiency 82 %  
Peak intensity 0.400 cd/lm  
Required components:



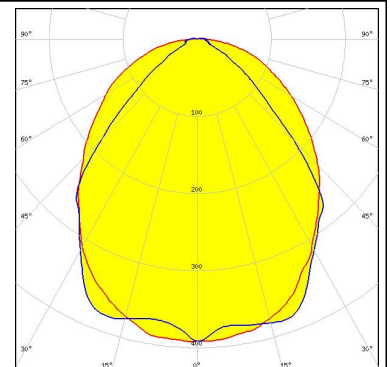
**PHILIPS**

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4  
FWHM 102.0 + 90.0°  
Efficiency 82 %  
Peak intensity 0.380 cd/lm  
Required components:



**SAMSUNG**

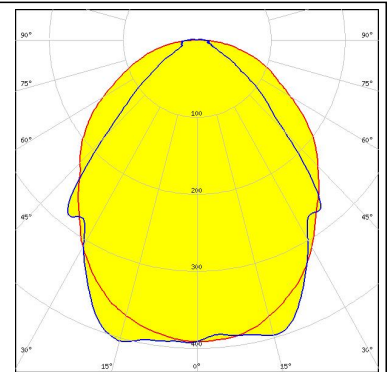
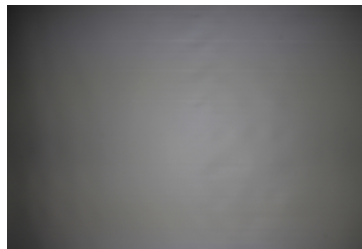
LED LM561B Plus  
FWHM 88.0 + 100.0°  
Efficiency 83 %  
Peak intensity 0.390 cd/lm  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

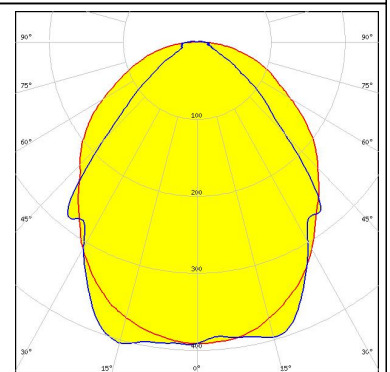
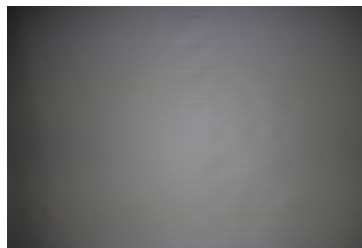
**SAMSUNG**

LED LT-H282C  
 FWHM 103.0 + 87.0°  
 Efficiency 84 %  
 Peak intensity 0.400 cd/lm  
 Required components:



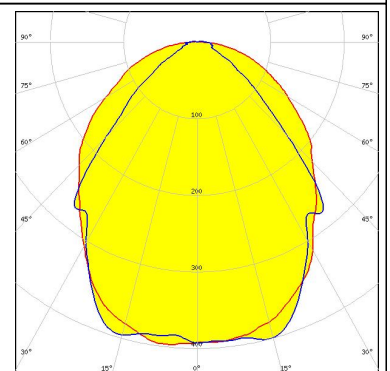
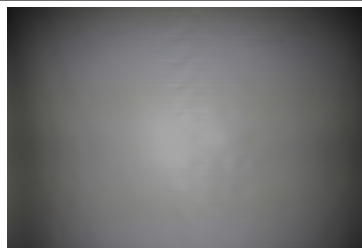
**SAMSUNG**

LED LT-H562C  
 FWHM 103.0 + 87.0°  
 Efficiency 84 %  
 Peak intensity 0.400 cd/lm  
 Required components:



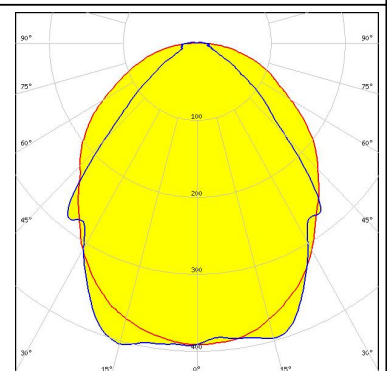
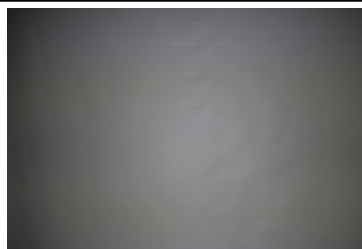
**SAMSUNG**

LED LT-Q282B  
 FWHM 101.0 + 87.0°  
 Efficiency 84 %  
 Peak intensity 0.400 cd/lm  
 Required components:



**SAMSUNG**

LED LT-S282H  
 FWHM 104.0 + 86.0°  
 Efficiency 85 %  
 Peak intensity 0.400 cd/lm  
 Required components:

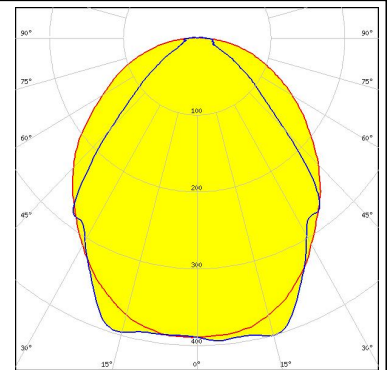




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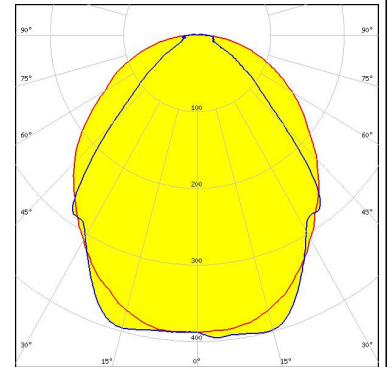
### SAMSUNG

LED LT-S562H  
FWHM 104.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.400 cd/lm  
Required components:



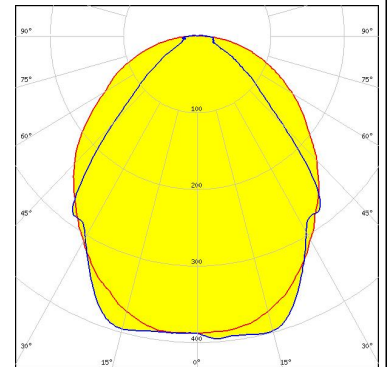
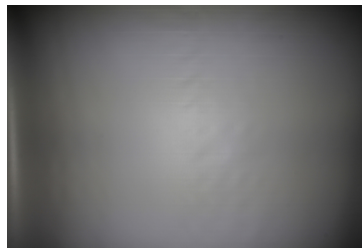
### SAMSUNG

LED LT-V282E  
FWHM 103.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.400 cd/lm  
Required components:



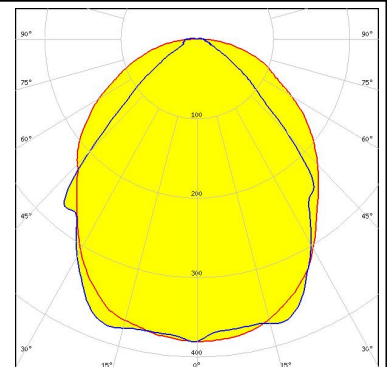
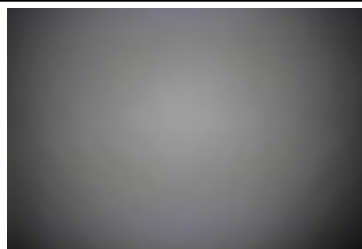
### SAMSUNG

LED LT-V562E  
FWHM 103.0 + 86.0°  
Efficiency 85 %  
Peak intensity 0.400 cd/lm  
Required components:



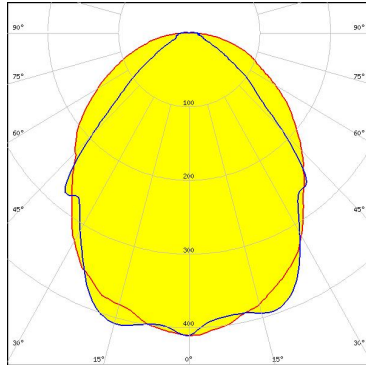
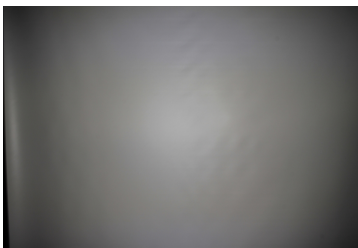
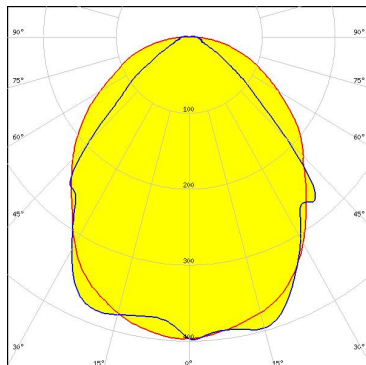

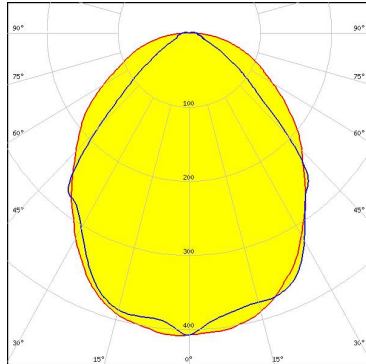
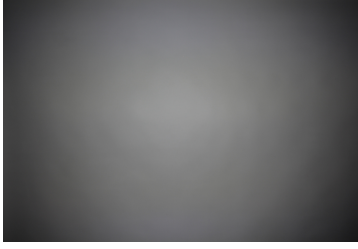
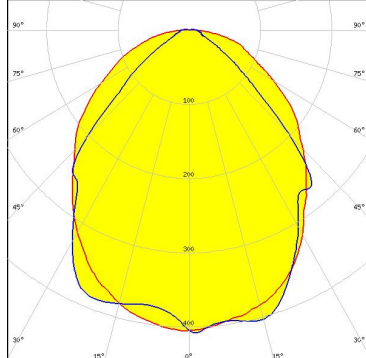


SEOUL SEMICONDUCTOR

LED SEOUL 5630D  
FWHM 93.0°  
Efficiency 82 %  
Peak intensity 0.380 cd/lm  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

<p> SEOUL SEMICONDUCTOR</p> <p>LED SunLike 3030 FWHM 99.0 + 88.0° Efficiency 85 % Peak intensity 0.410 cd/lm Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED LLE G4 24x280mm 1250lm FWHM 100.0 + 89.0° Efficiency 83 % Peak intensity 0.400 cd/lm Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED LLE G4 24x280mm 2000lm ADV FWHM 98.0 + 88.0° Efficiency 83 % Peak intensity 0.410 cd/lm Required components:</p>		
<p><b>TRIDONIC</b></p> <p>LED LLE G4 24x280mm 650lm FWHM 99.0 + 89.0° Efficiency 84 % Peak intensity 0.410 cd/lm Required components:</p>		

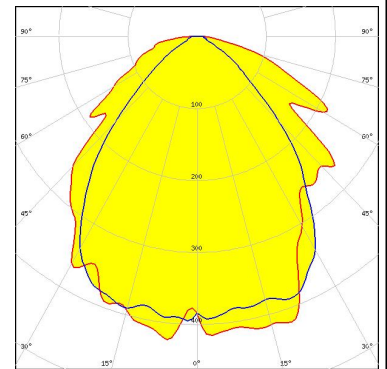
#### PHOTOMETRIC DATA (SIMULATED):



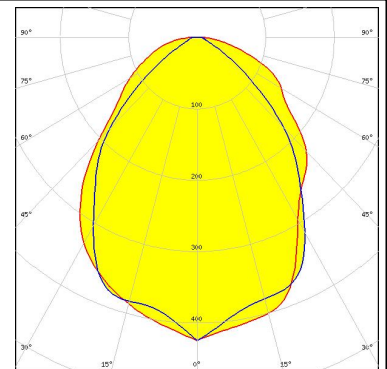
LED LUXEON 3030 2D  
FWHM 93.0 + 84.0°  
Efficiency 82 %  
Peak intensity 0.400 cd/lm  
Required components:



LED NF2x757G  
FWHM 83.0 + 99.0°  
Efficiency 83 %  
Peak intensity 0.420 cd/lm  
Required components:



LED Duris E 2835  
FWHM 83.0 + 91.0°  
Efficiency 82 %  
Peak intensity 0.430 cd/lm  
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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#### Local sales and technical support

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

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Hong Kong, China

#### Distribution Partners

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