

## LINNEA-GC2-110

~110° wide beam

### SPECIFICATION:

Dimensions	283.6 x 43.0 mm
Height	15.2 mm
Fastening	clips
ROHS compliant	yes ⓘ

### MATERIALS:

Component	Type	Material	Colour	Finish
LINNEA-GC2-110	Linear lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F17164_LINNEA-GC2-110 » Box size: 398 x 298 x 265 mm	120	32	8	9.3

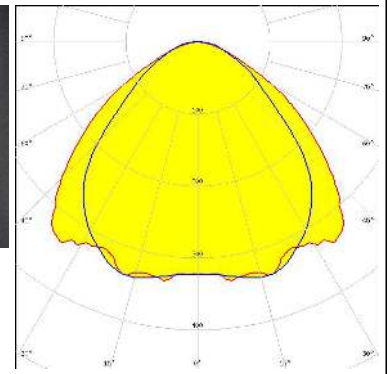




### OPTICAL RESULTS (MEASURED):


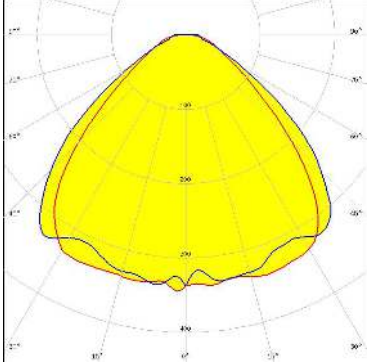
#### TRIDONIC

LED LLE 24x280mm 1250lm HV HO ADV1  
FWHM / FWTM 94.0 + 110.0° / 147.0 + 146.0°  
Efficiency 88 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (SIMULATED):

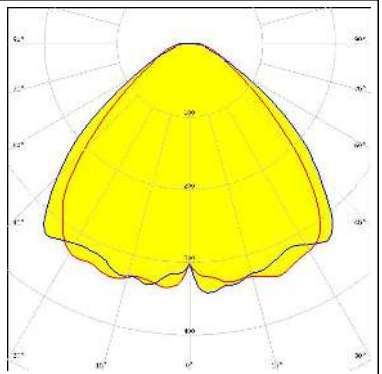
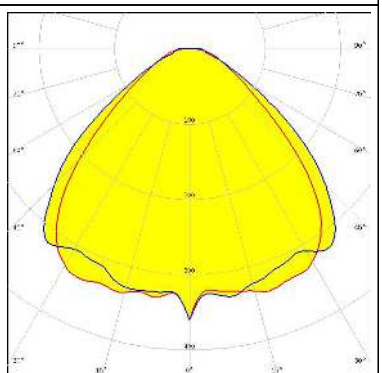
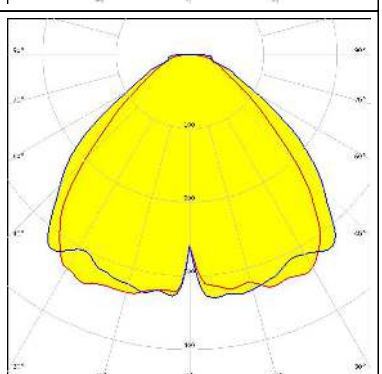
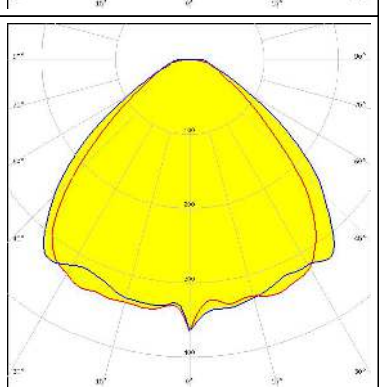
		
LED	Bridgelux SMD 2835	
Assembly	NULL	
FWHM / FWTM	94.0 + 104.0° / 145.0 + 141.0°	
Efficiency	85 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

		
LED	J Series 2835	
FWHM / FWTM	94.0 + 105.0° / 147.0 + 142.0°	
Efficiency	87 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

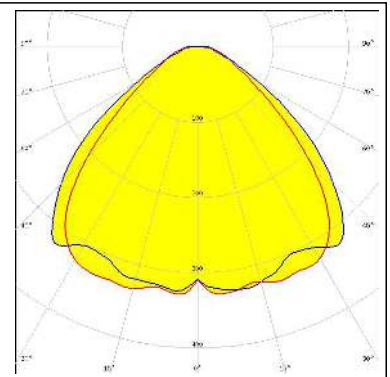
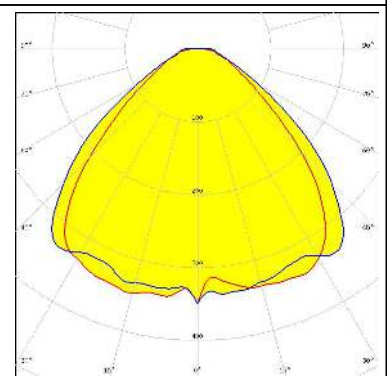
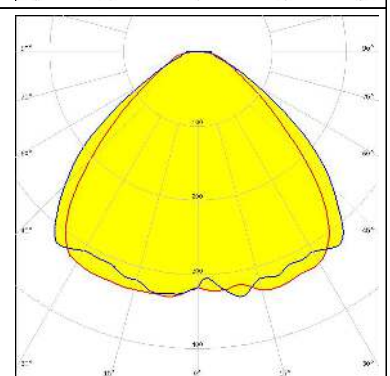
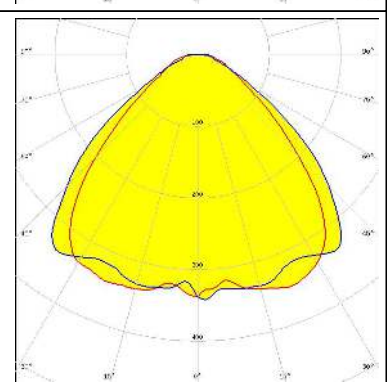
		
LED	J Series 3030	
FWHM / FWTM	92.0 + 102.0° / 149.0 + 140.0°	
Efficiency	87 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

		
LED	LUXEON 2835 Line	
FWHM / FWTM	95.0 + 106.0° / 148.0 + 142.0°	
Efficiency	87 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

#### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON 3030 HE Plus</p> <p>FWHM / FWTM 96.0 + 104.0° / 149.0 + 142.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 3535L HE PLUS</p> <p>FWHM / FWTM 94.0 + 104.0° / 147.0 + 142.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NF2W585AR-P8</p> <p>FWHM / FWTM 94.0 + 108.0° / 148.0 + 149.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 94.0 + 104.0° / 147.0 + 144.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components:</p>	

#### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NFSW757H</p> <p>FWHM / FWTM 96.0 + 106.0° / 149.0 + 144.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NFSx757G</p> <p>FWHM / FWTM 95.0 + 105.0° / 148.0 + 144.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris E 2835</p> <p>FWHM / FWTM 96.0 + 106.0° / 149.0 + 142.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S5 (2 chip)</p> <p>FWHM / FWTM 94.0 + 105.0° / 148.0 + 140.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

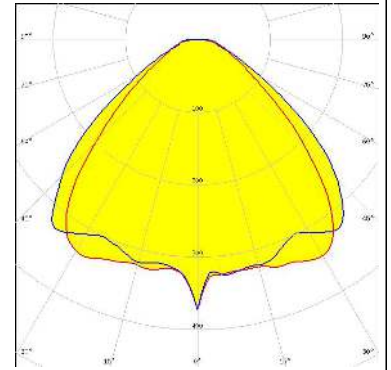


#### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

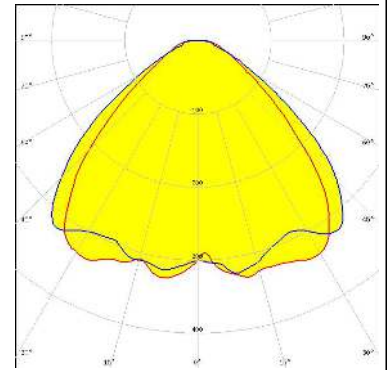
LED OSCONIQ C 2424  
FWHM / FWTM 93.0 + 104.0° / 145.0 + 143.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM

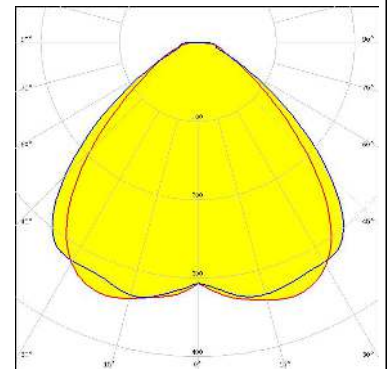
Opto Semiconductors

LED SYNIOS S2222  
FWHM / FWTM 96.0 + 108.0° / 147.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



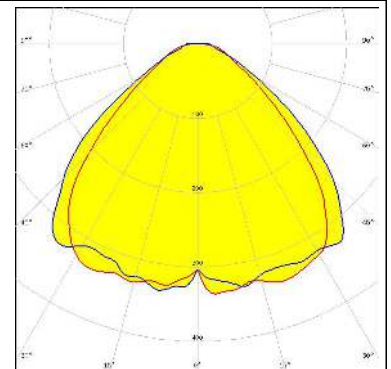
#### SAMSUNG

LED LM28xB Series  
FWHM / FWTM 94.0 + 102.0° / 144.0 + 140.0°  
Efficiency 85 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

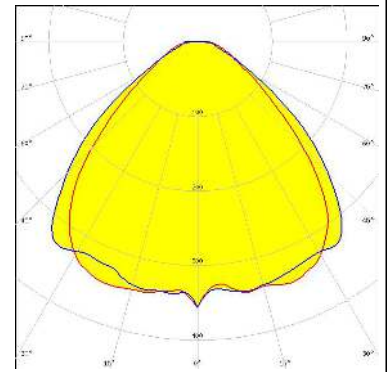
LED LM301B  
FWHM / FWTM 96.0 + 106.0° / 149.0 + 143.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

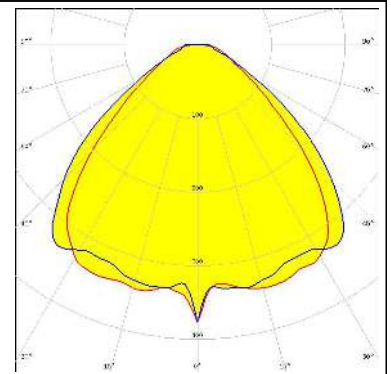
#### SAMSUNG

LED LM301D  
FWHM / FWTM 94.0 + 102.0° / 148.0 + 142.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SAMSUNG

LED LM301Z Plus  
FWHM / FWTM 92.0 + 102.0° / 144.0 + 140.0°  
Efficiency 87 %  
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:

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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

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