

LINNEA-GC2-90

~90° wide beam

SPECIFICATION:

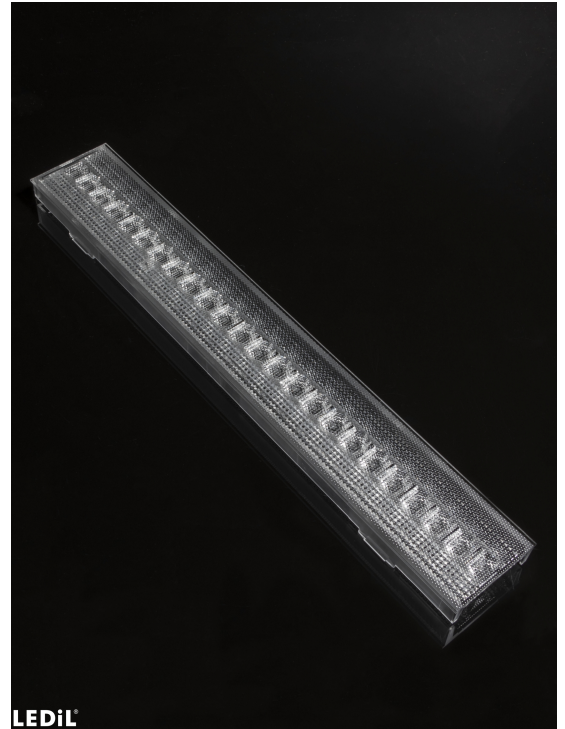
Dimensions	283.6 x 43.0 mm
Height	15.2 mm
Fastening	clips
ROHS compliant	yes ⓘ

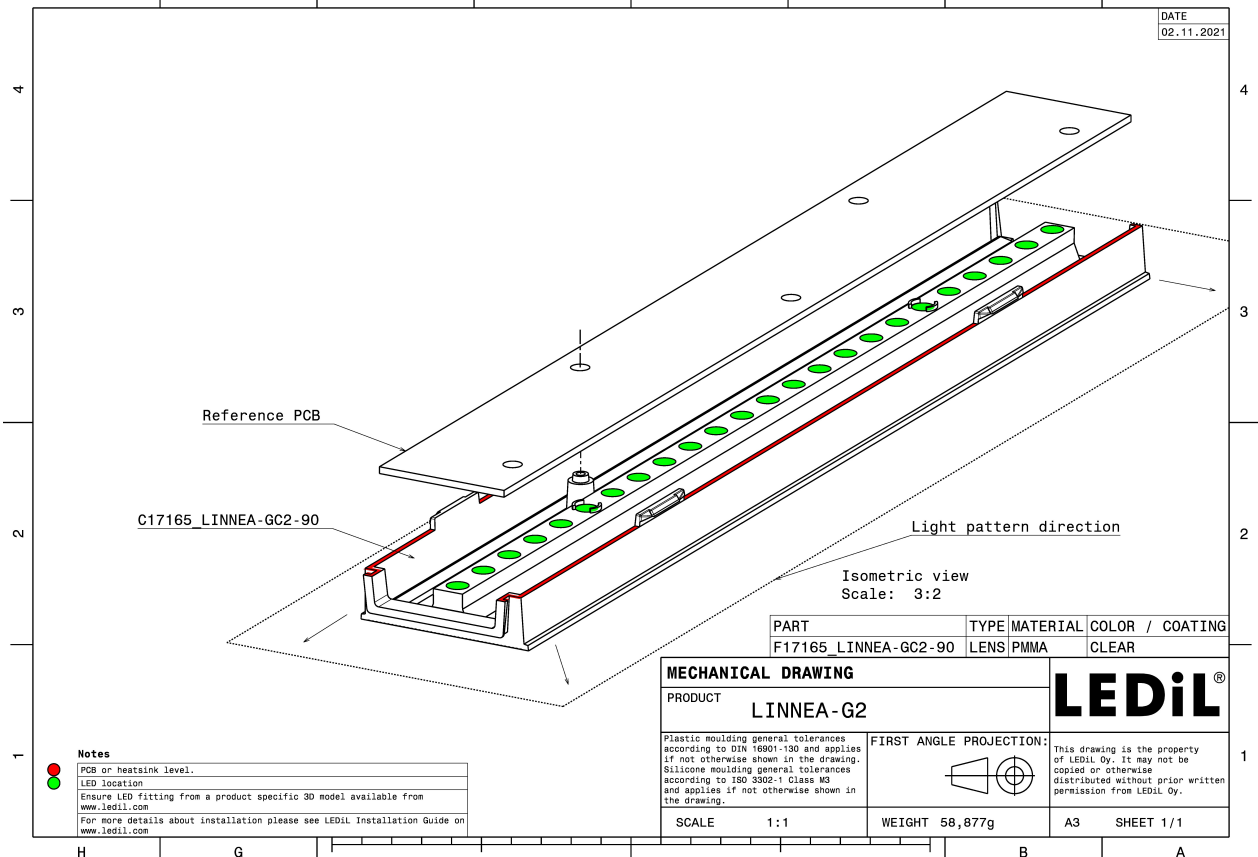
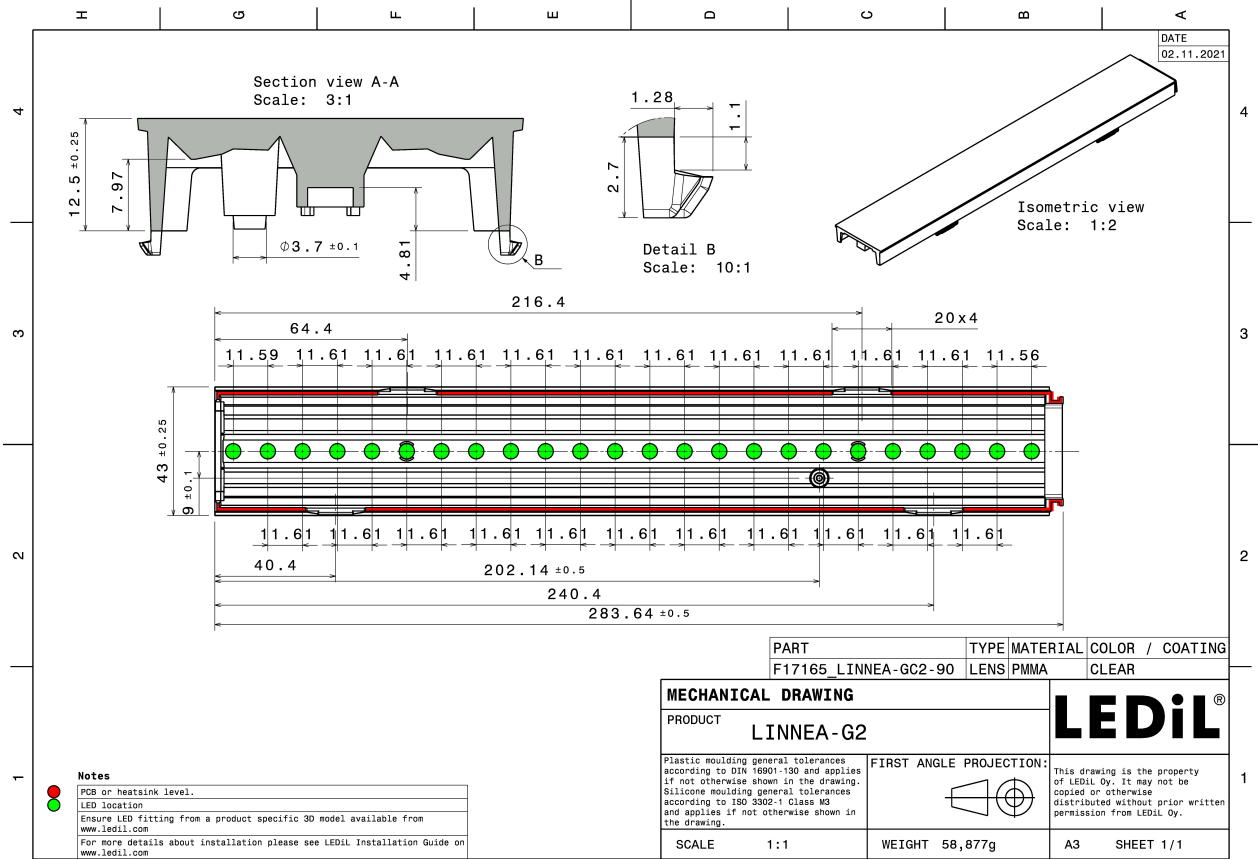
MATERIALS:

Component	Type	Material	Colour	Finish
LINNEA-GC2-90	Linear lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F17165_LINNEA-GC2-90 » Box size: 398 x 298 x 265 mm	120	32	8	8.5



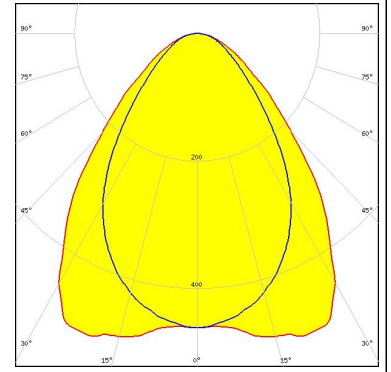


See also our general installation guide: www.ledil.com/installation_guide


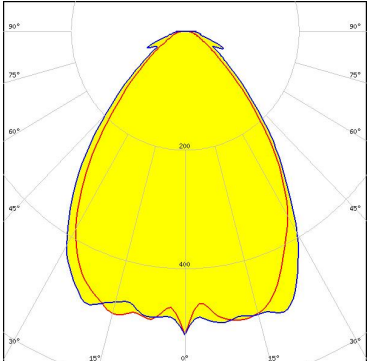

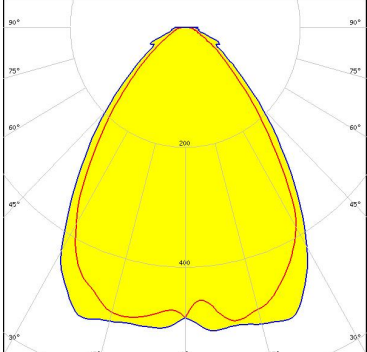

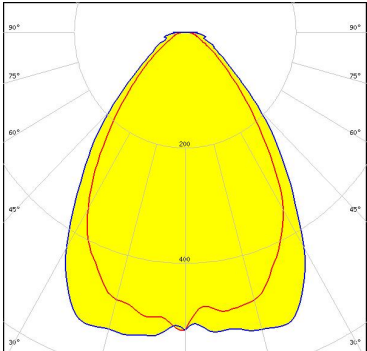

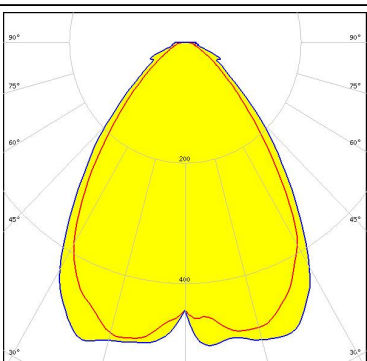
OPTICAL RESULTS (MEASURED):

TRIDONIC

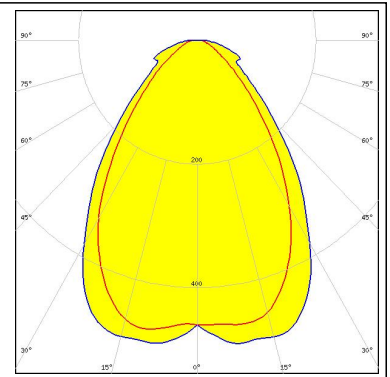
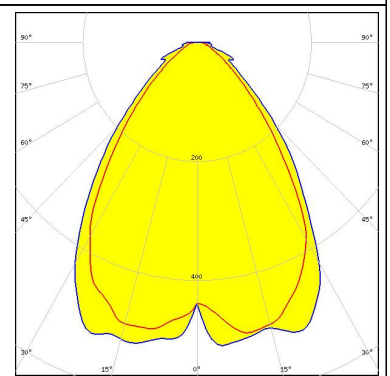
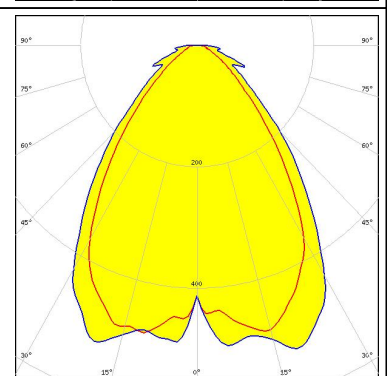
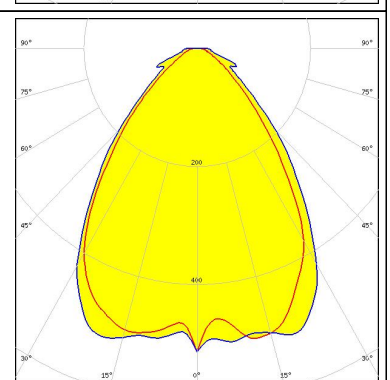
LED LLE 24x280mm 1250lm HV HO ADV1
FWHM / FWTM 73.0 + 85.0° / 129.5 + 135.0°
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



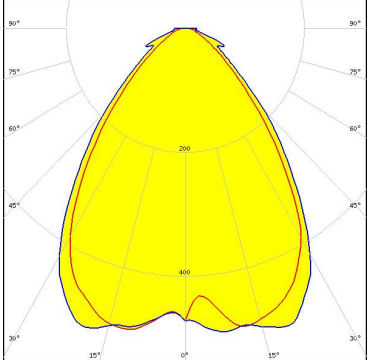
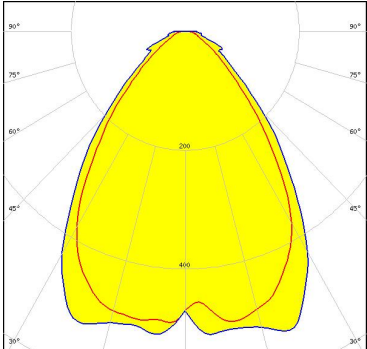
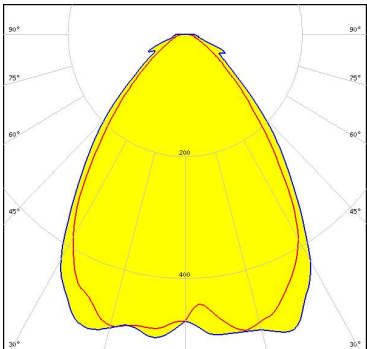
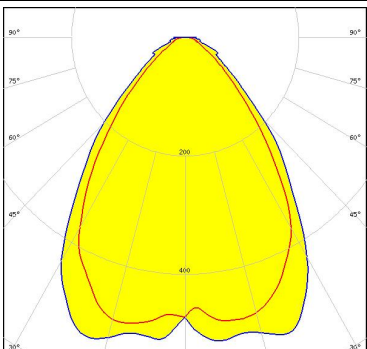
OPTICAL RESULTS (SIMULATED):

<p> bridgelux</p> <p>LED: Bridgelux SMD 2835 FWHM / FWTM: 77.0 + 80.0° / 118.0 + 143.0° Efficiency: 88 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> CREE LEDs</p> <p>LED: J Series 2835 FWHM / FWTM: 76.0 + 80.0° / 118.0 + 138.0° Efficiency: 89 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> CREE LEDs</p> <p>LED: J Series 3030 FWHM / FWTM: 72.0 + 79.0° / 116.0 + 132.0° Efficiency: 89 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p> LUMILEDS</p> <p>LED: LUXEON 2835 Line FWHM / FWTM: 76.0 + 80.0° / 117.0 + 138.0° Efficiency: 89 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON 2835 Line</p> <p>FWHM / FWTM: 73.0 + 80.0° / 120.0 + 152.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 2</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 3030 HE Plus</p> <p>FWHM / FWTM: 76.0 + 80.0° / 118.0 + 138.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED: NF2W585AR-P8</p> <p>FWHM / FWTM: 76.0 + 81.0° / 118.0 + 143.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED: NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM: 76.0 + 80.0° / 117.0 + 142.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 0.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Tunable White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

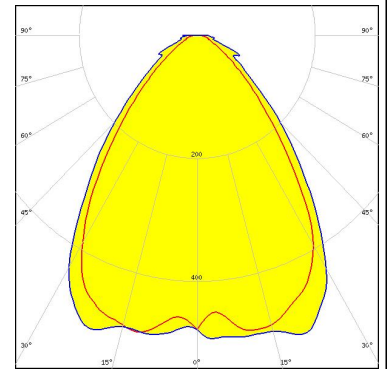
<p>NICHIA</p> <p>LED NFSW757H</p> <p>FWHM / FWTM 78.0 + 80.0° / 118.0 + 140.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NFSx757G</p> <p>FWHM / FWTM 76.0 + 80.0° / 118.0 + 138.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris E 2835</p> <p>FWHM / FWTM 76.0 + 80.0° / 118.0 + 139.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip)</p> <p>FWHM / FWTM 76.0 + 80.0° / 116.0 + 136.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

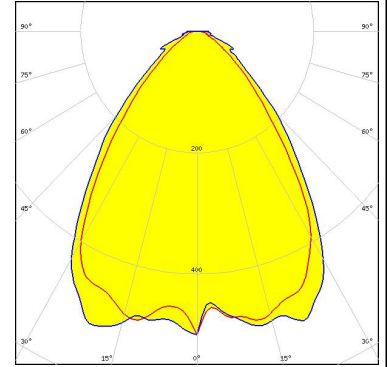
LED OSCONIQ C 2424
 FWHM / FWTM 76.0 + 81.0° / 118.0 + 139.0°
 Efficiency 91 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

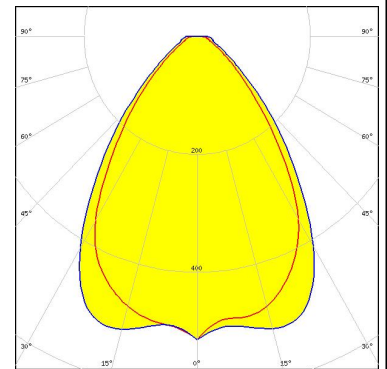
Opto Semiconductors

LED SYNIOS S2222
 FWHM / FWTM 76.0 + 80.0° / 116.0 + 136.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



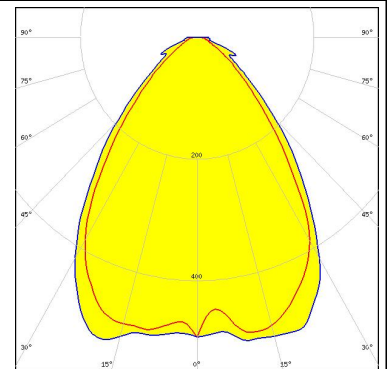
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 73.0 + 78.0° / 117.0 + 126.0°
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

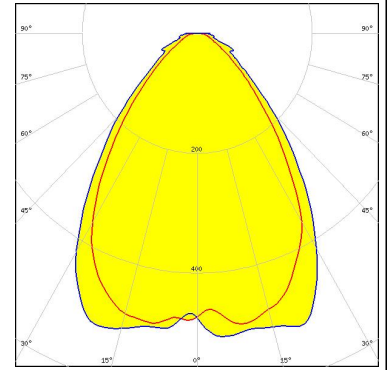
LED LM301B
 FWHM / FWTM 76.0 + 80.0° / 118.0 + 140.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

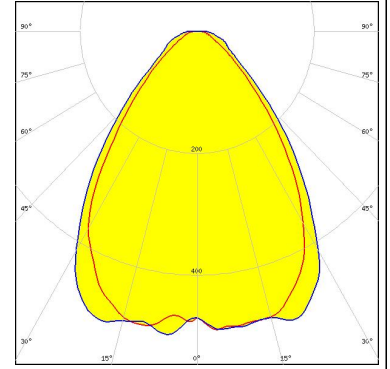
SAMSUNG

LED LM301D
FWHM / FWTM 76.0 + 80.0° / 118.0 + 138.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LM301Z Plus
FWHM / FWTM 76.0 + 80.0° / 118.0 + 140.0°
Efficiency 87 %
Peak intensity 0.5 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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