

LINNEA-GC2-90

~90° wide beam

SPECIFICATION:

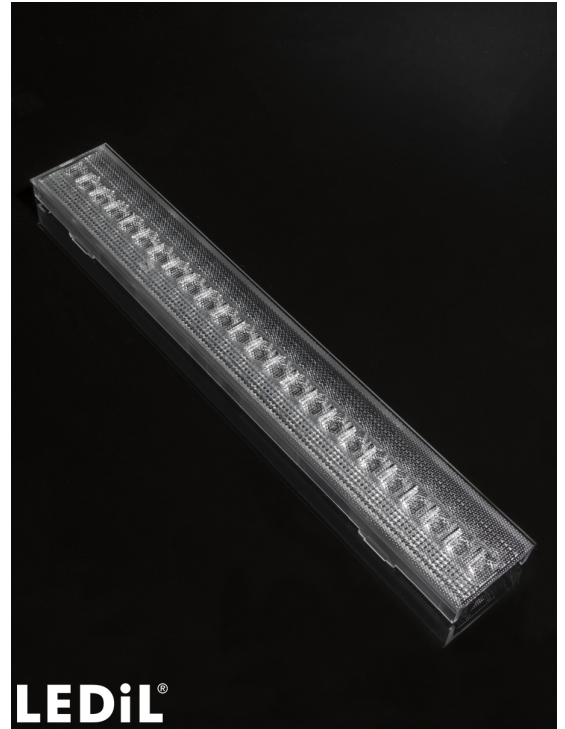
Dimensions	283.6 x 43.0 mm
Height	15.2 mm
Fastening	clips
ROHS compliant	yes ⓘ

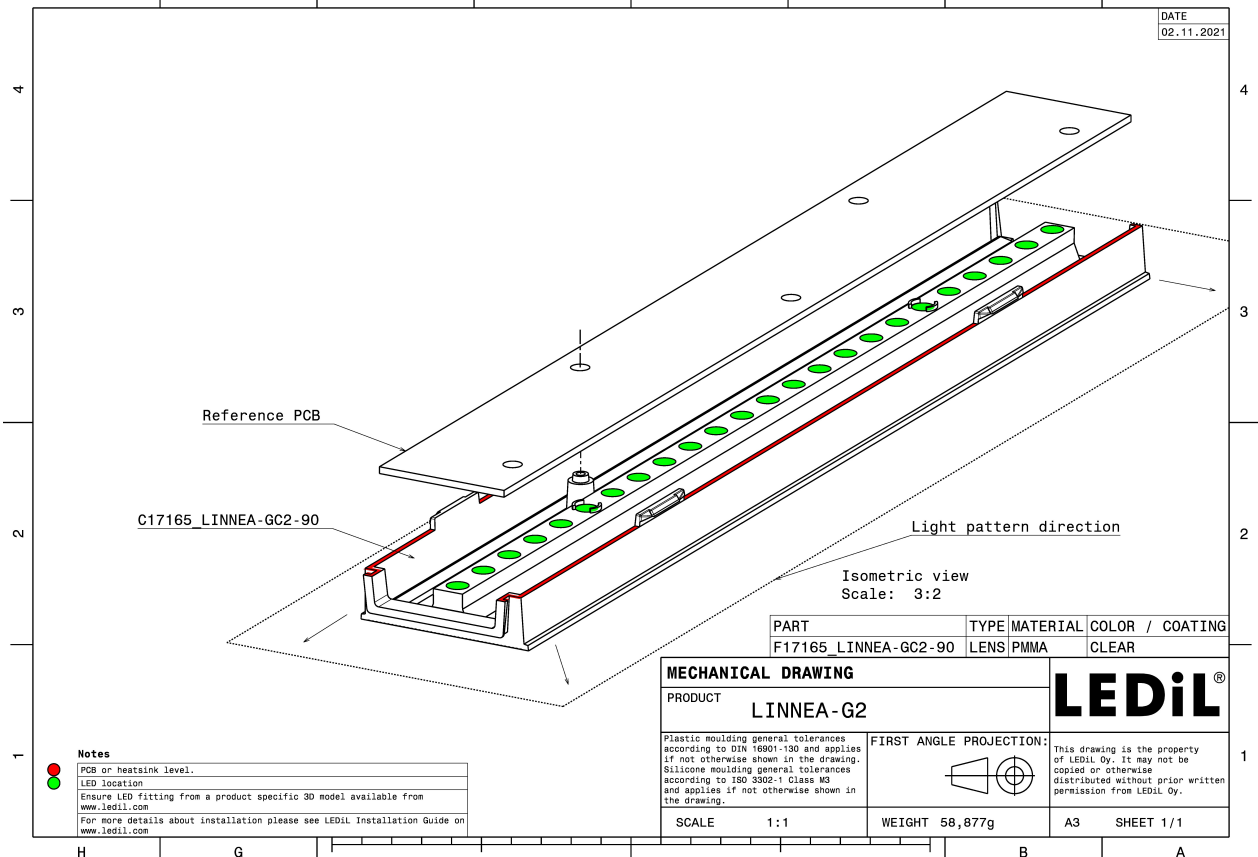
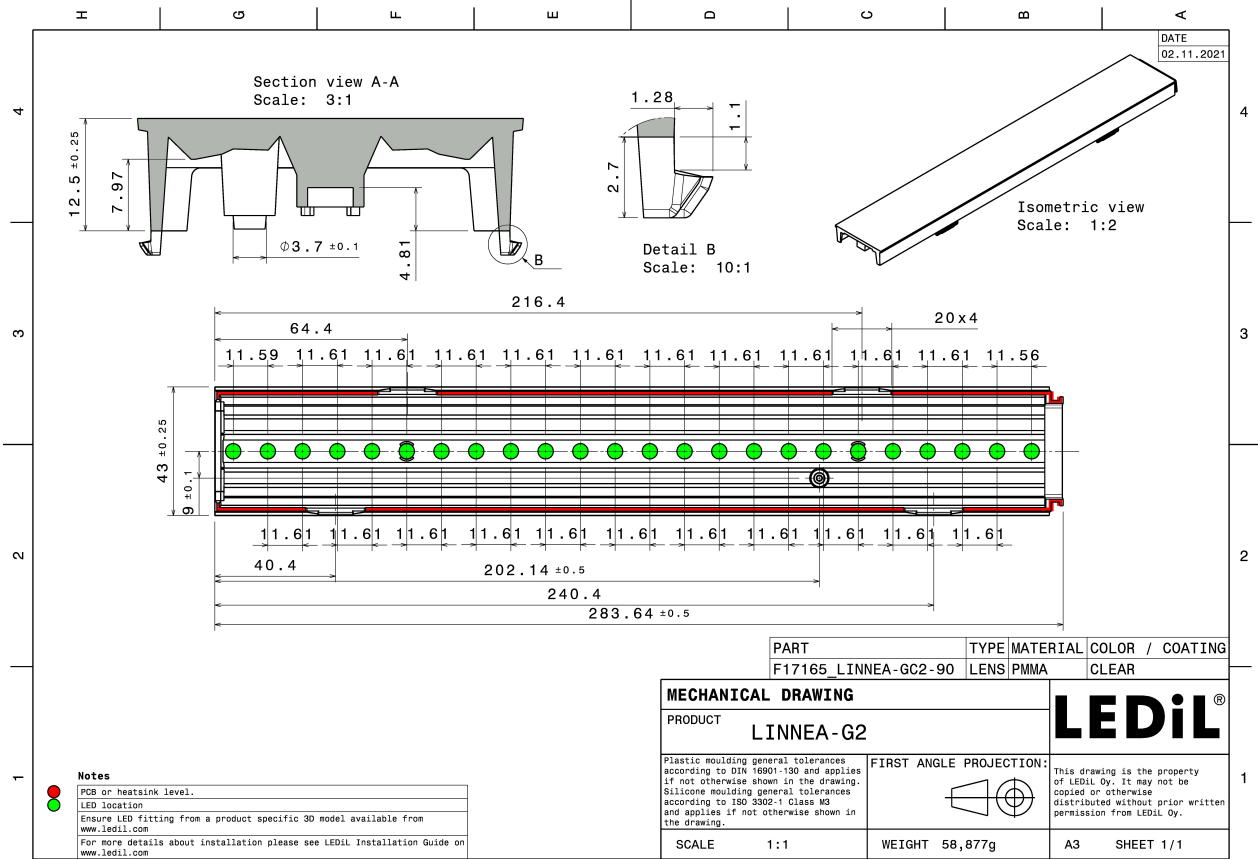
MATERIALS:

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



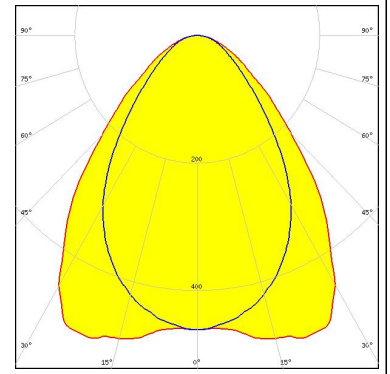


See also our general installation guide: www.ledil.com/installation_guide

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):

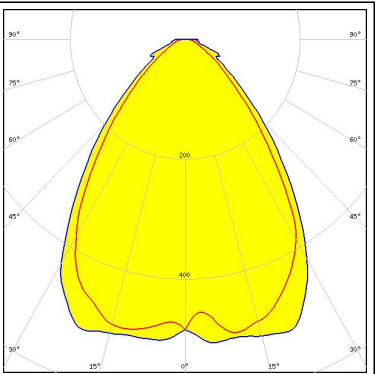
bridgelux

LED	Bridgelux SMD 2835
Assembly	NULL
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:	



CREE LED

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:	



CREE LED

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:	

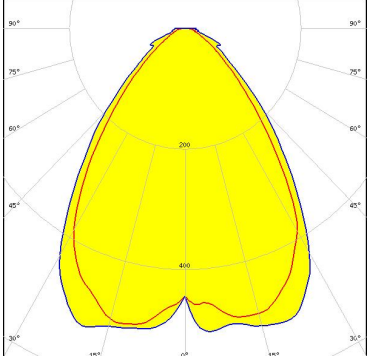
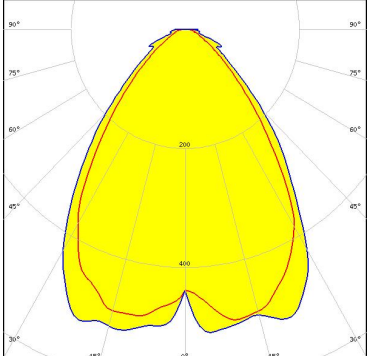
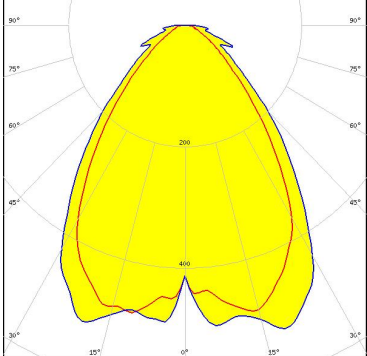
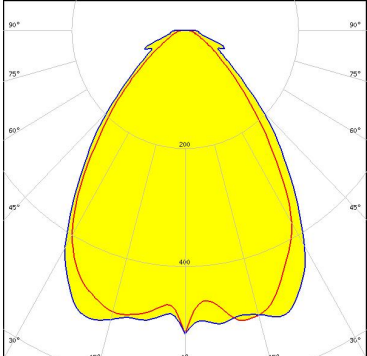


LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	73.0 + 80.0° / 120.0 + 152.0°
Efficiency	87 %
Peak intensity	0.5 cd/lm
LEDs/each optic	2
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 2835 Line</p> <p>FWHM / FWTM 76.0 + 80.0° / 117.0 + 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>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):

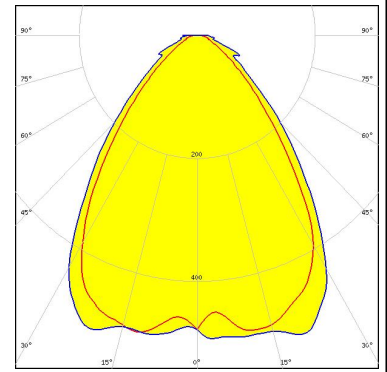
<p>NICHIA</p> <p>LED NFSW757H</p> <p>FWHM / FWTM 78.0 + 80.0° / 118.0 + 140.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NFSx757G</p> <p>FWHM / FWTM 76.0 + 80.0° / 118.0 + 138.0°</p> <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

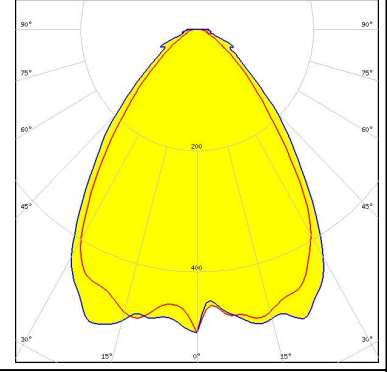
LED OSCONIQ C 2424
FWHM / FWTM 76.0 + 81.0° / 118.0 + 139.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

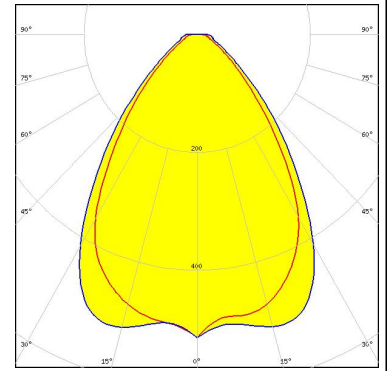
Opto Semiconductors

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:



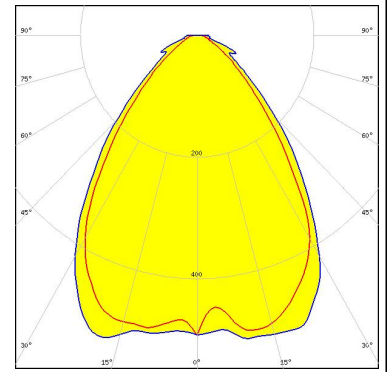
SAMSUNG

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

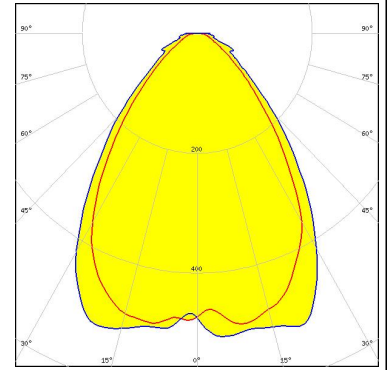
LED LM301B
FWHM / FWTM 76.0 + 80.0° / 118.0 + 140.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

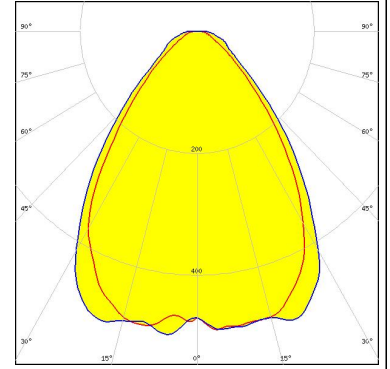
SAMSUNG

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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