

LINNEA-GC2-90

~90° wide beam

SPECIFICATION:

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

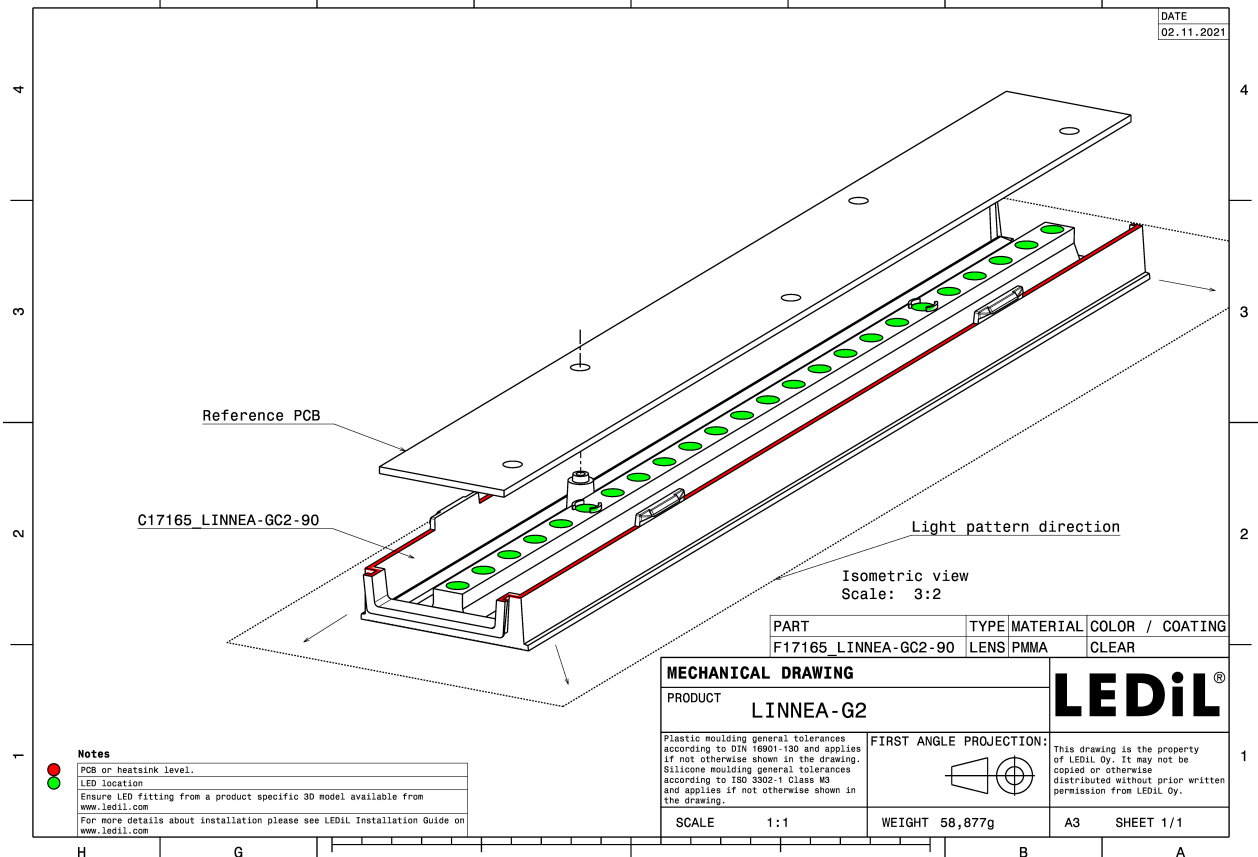
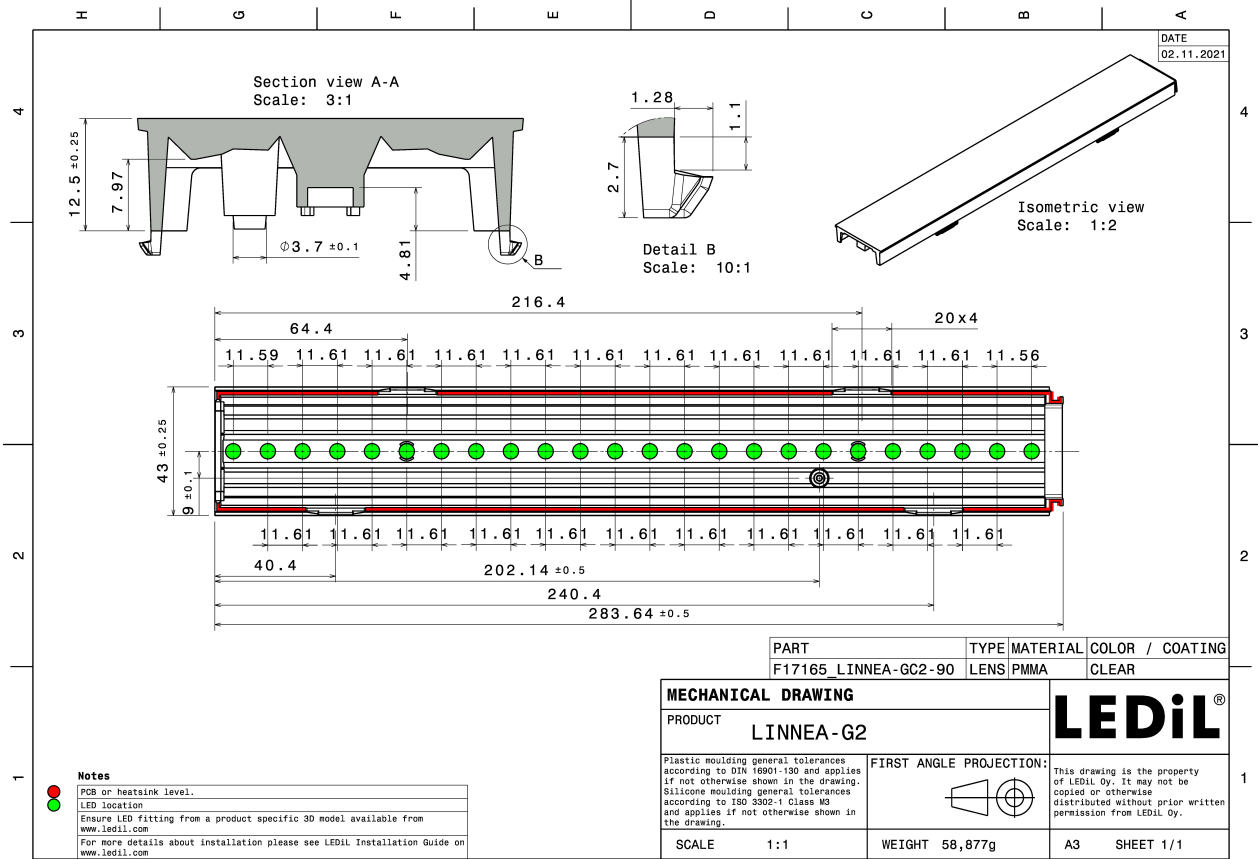
MATERIALS:

Component	Type	Material	Colour	Finish	Length
LINNEA-GC2-90	Linear lens	PMMA	clear		283.6

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



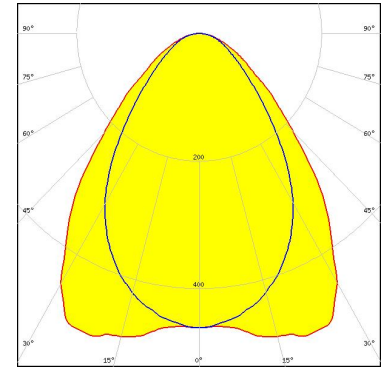


See also our general installation guide: www.ledil.com/installation_guide

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/type White
Required components:

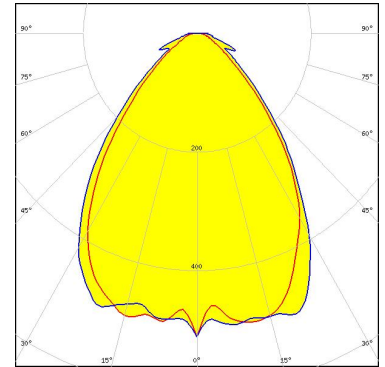


Light distribution files

OPTICAL RESULTS (SIMULATED):



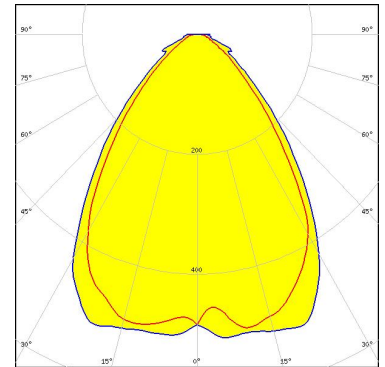
LED Bridgelux SMD 2835
FWHM / FWTM 77.0 + 80.0° / 118.0 + 143.0°
Efficiency 88 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



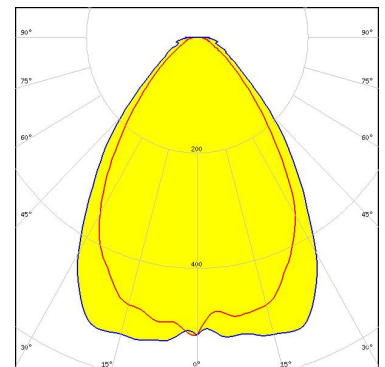
LED J Series 2835
FWHM / FWTM 76.0 + 80.0° / 118.0 + 138.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



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/type White
Required components:

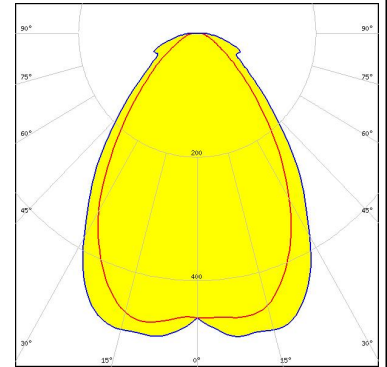


Light distribution files

OPTICAL RESULTS (SIMULATED):



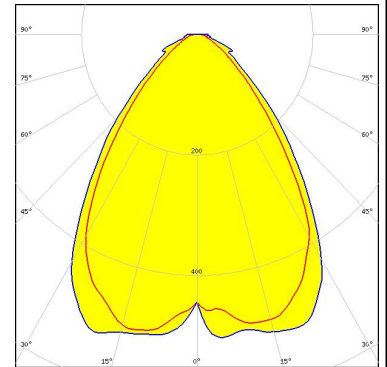
LED LUXEON 2835 Line
 FWHM / FWTM 73.0 + 80.0° / 120.0 + 152.0°
 Efficiency 87 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 2
 Light colour/type White
 Required components:



Light distribution files



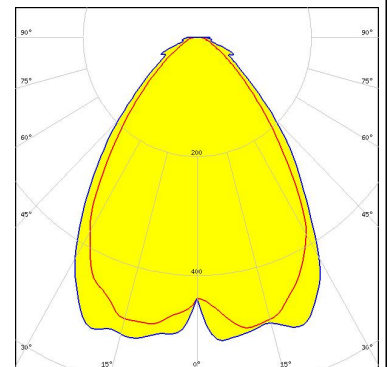
LED LUXEON 2835 Line
 FWHM / FWTM 76.0 + 80.0° / 117.0 + 138.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

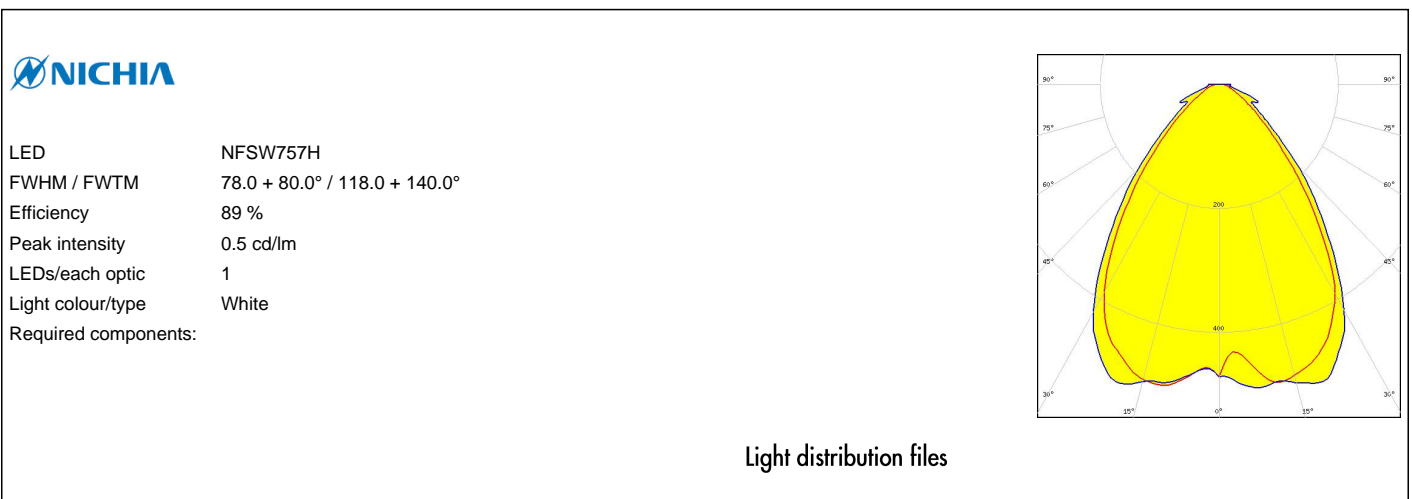
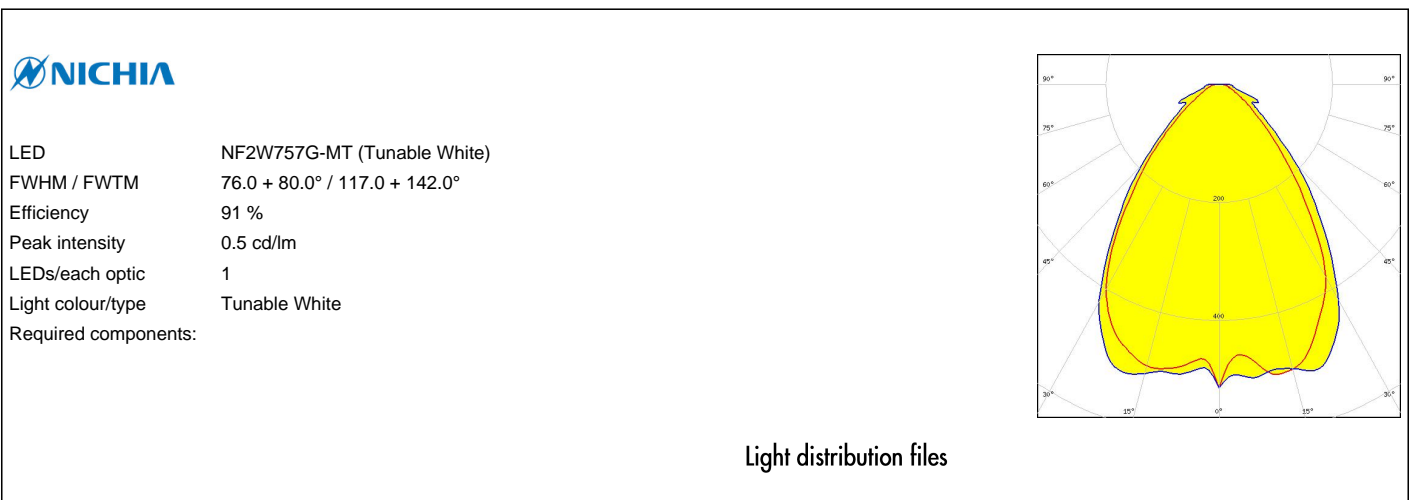
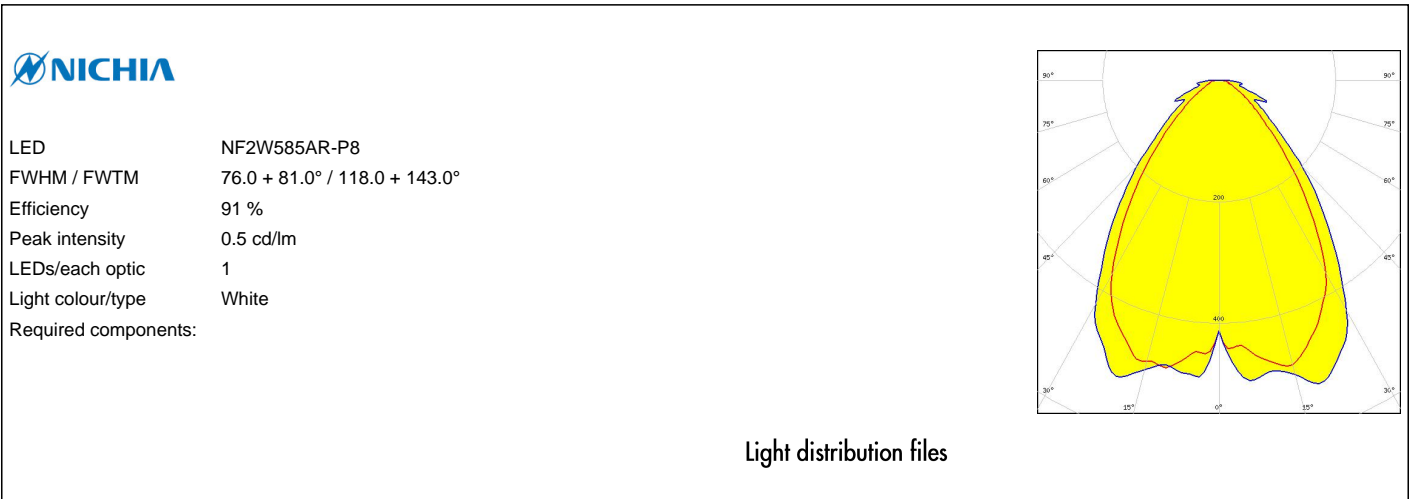


LED LUXEON 3030 HE Plus
 FWHM / FWTM 76.0 + 80.0° / 118.0 + 138.0°
 Efficiency 89 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

NICHIA

LED: NFSx757G

FWHM / FWTM: 76.0 + 80.0° / 118.0 + 138.0°

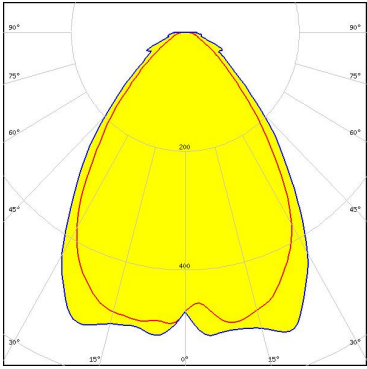
Efficiency: 91 %

Peak intensity: 0.5 cd/lm

LEDs/each optic: 1

Light colour/type: White

Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED: Duris E 2835

FWHM / FWTM: 76.0 + 80.0° / 118.0 + 139.0°

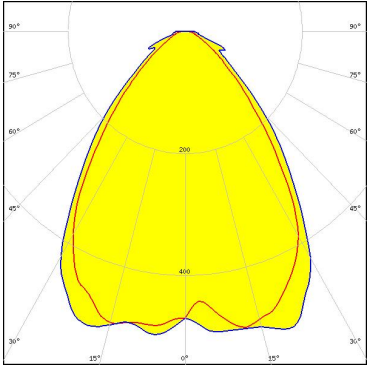
Efficiency: 89 %

Peak intensity: 0.5 cd/lm

LEDs/each optic: 1

Light colour/type: White

Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED: Duris S5 (2 chip)

FWHM / FWTM: 76.0 + 80.0° / 116.0 + 136.0°

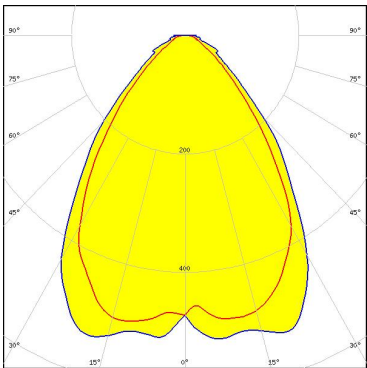
Efficiency: 89 %

Peak intensity: 0.5 cd/lm

LEDs/each optic: 1

Light colour/type: White

Required components:

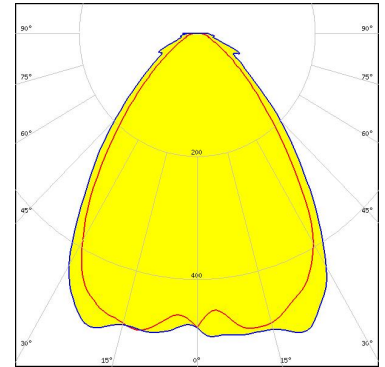


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

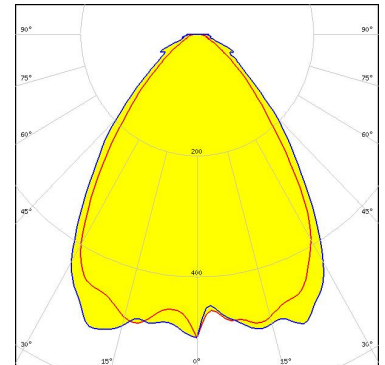
LED OSCONIQ C 2424
FWHM / FWTM 76.0 + 81.0° / 118.0 + 139.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

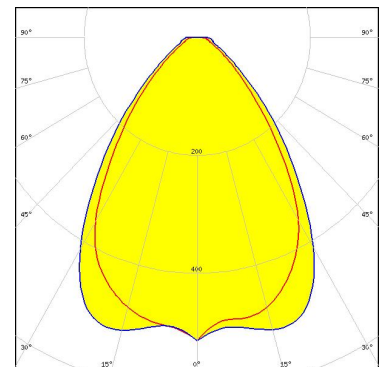
LED SYNIOS S2222
FWHM / FWTM 76.0 + 80.0° / 116.0 + 136.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

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/type White
Required components:

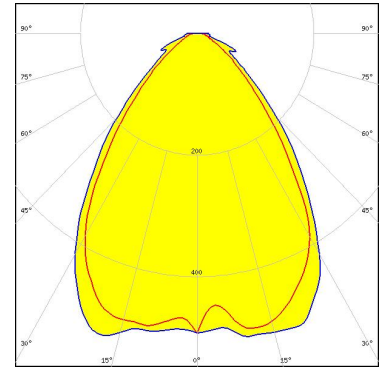


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

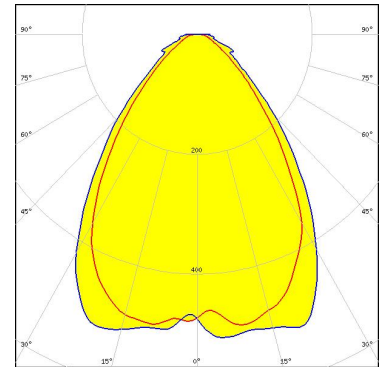
LED	LM301B
FWHM / FWTM	76.0 + 80.0° / 118.0 + 140.0°
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

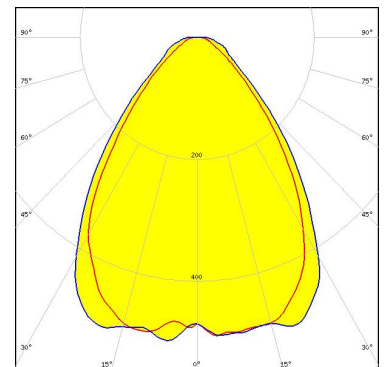
LED	LM301D
FWHM / FWTM	76.0 + 80.0° / 118.0 + 138.0°
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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/type	White
Required components:	



Light distribution files

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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