

LINNEA-UP

Asymmetric beam for uplighting optimized for 1.0 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

Dimensions	285.0 x 40.0
Height	10.3 mm
Fastening	clips
ROHS compliant	yes ⓘ

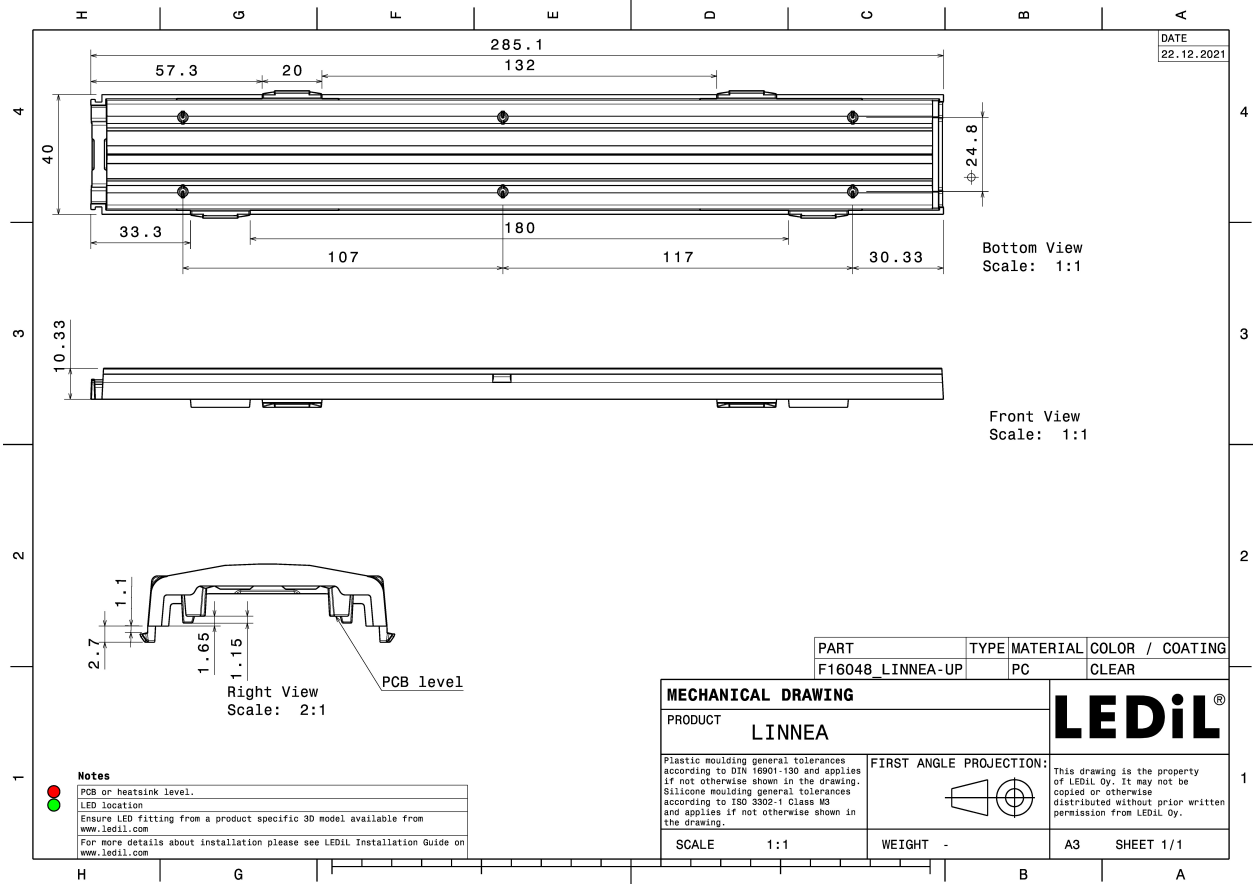


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LINNEA-UP	Linear lens	PC	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16048_LINNEA-UP » Box size: 398 x 298 x 265 mm	162	36	9	8.2

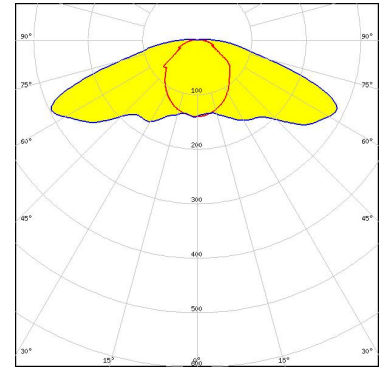


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



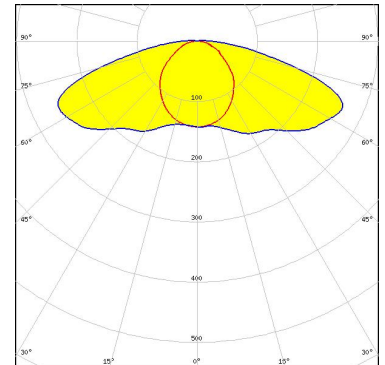
LED XP-E
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



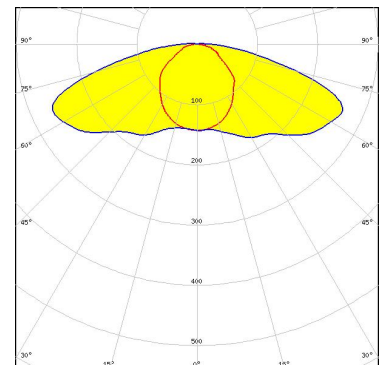
LED L-iC-282-827-865-011A
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LP-282-840-009A 60/300
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

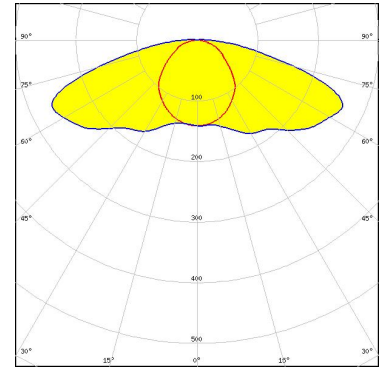


Light distribution files

OPTICAL RESULTS (MEASURED):

Helvar

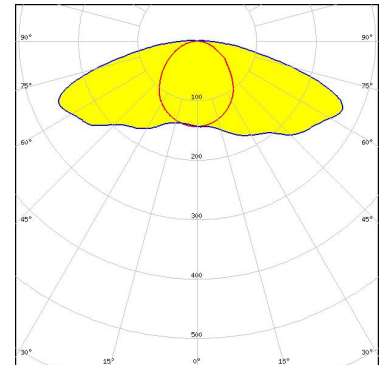
LED LS-282-840-011A
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

Helvar

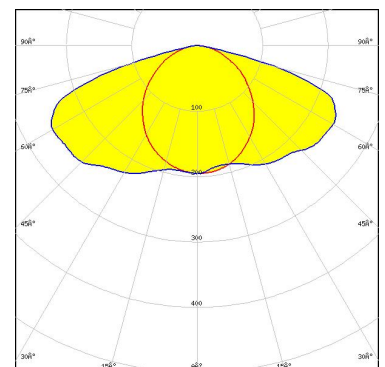
LED LX-282-840-023A
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

inventronics

LED PL-LIN-IND-Z1 2800 560x24
 FWHM / FWTM Asymmetric
 Efficiency 78 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

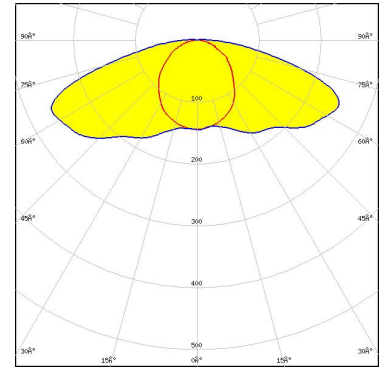


Light distribution files

OPTICAL RESULTS (MEASURED):

inventronics

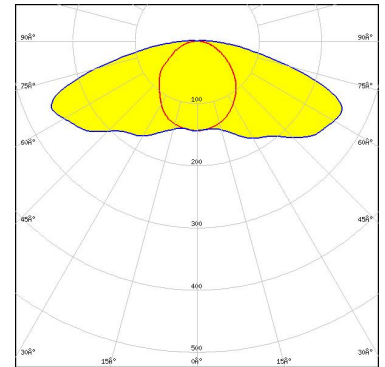
LED PL-LIN-Z5 1100 280x20
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

inventronics

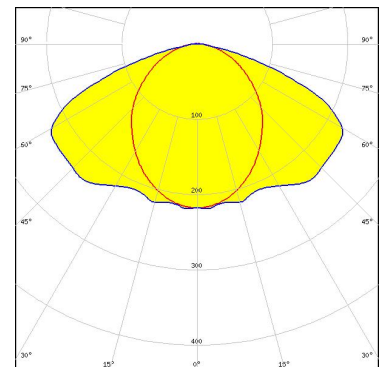
LED PL-LIN-Z5 2000 280x20
 FWHM / FWTM Asymmetric
 Efficiency 74 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

LUMITRONIX® High-Performance LED-Technologies & Solutions

LED LinearZ 280-112 Circadian TW
 FWHM / FWTM Asymmetric
 Efficiency 77 %
 Peak intensity 0.2 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:

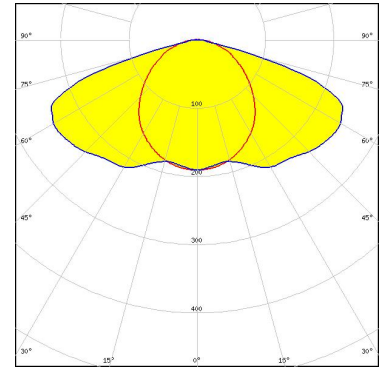


Light distribution files

OPTICAL RESULTS (MEASURED):



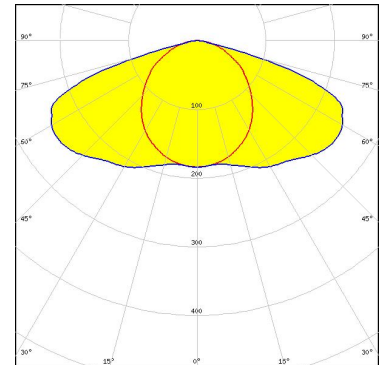
LED LinearZ 280-26
 FWHM / FWTM Asymmetric
 Efficiency 75 %
 Peak intensity 0.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



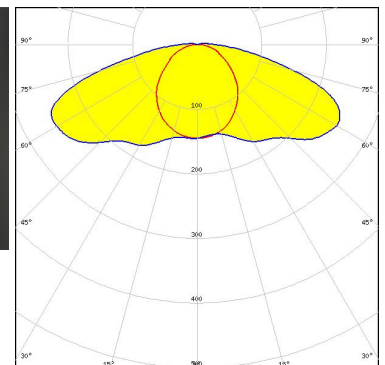
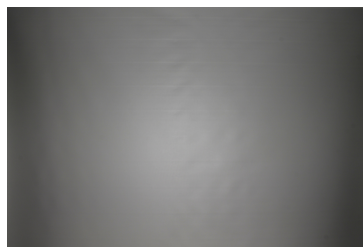
LED LinearZ 280-40 TW
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:



Light distribution files



LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
 FWHM / FWTM Asymmetric
 Efficiency 76 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

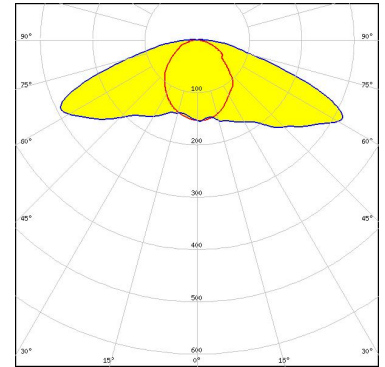


Light distribution files

OPTICAL RESULTS (MEASURED):



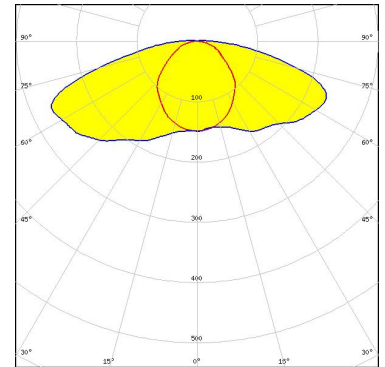
LED NF2x757G
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



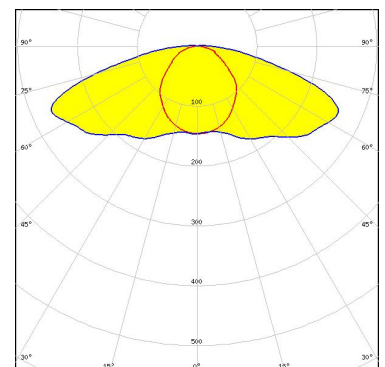
LED NFSW757H
FWHM / FWTM Asymmetric
Efficiency 74 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED Duris S5 (2 chip)
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

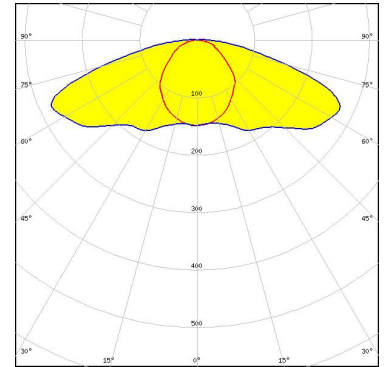


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

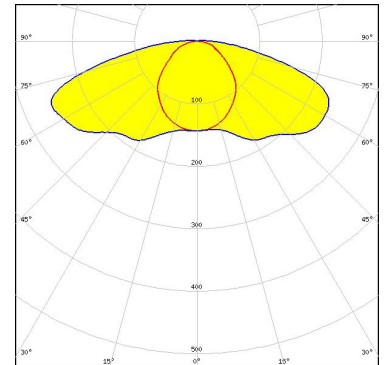
LED Duris S5 (Single chip)
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

PHILIPS

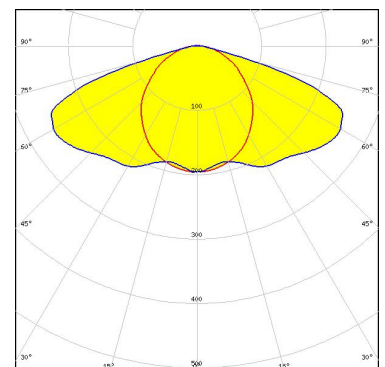
LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

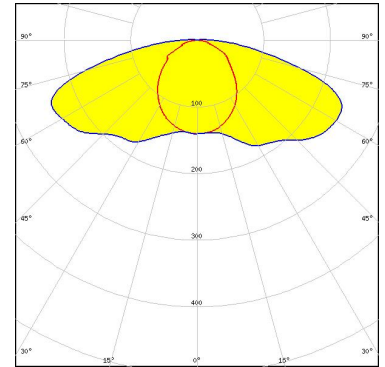


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

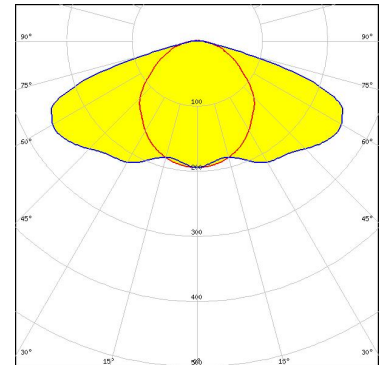
LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM / FWTM Asymmetric
Efficiency 73 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

PHILIPS

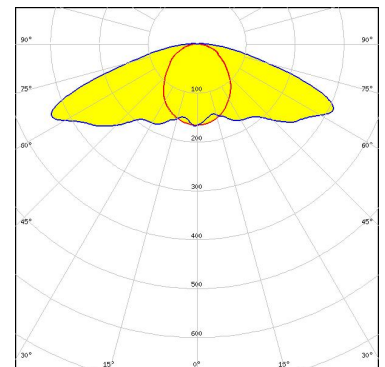
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LM28xB Series
FWHM / FWTM Asymmetric
Efficiency 82 %
Peak intensity 0.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

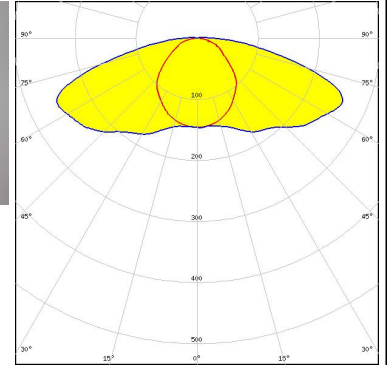


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

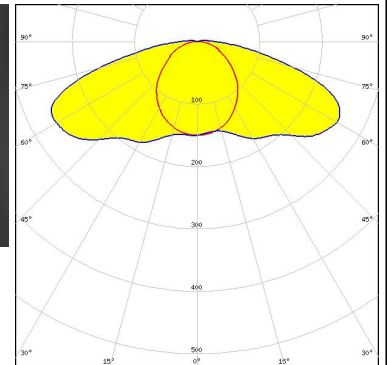
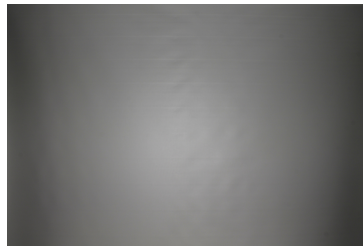
LED LM301B
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

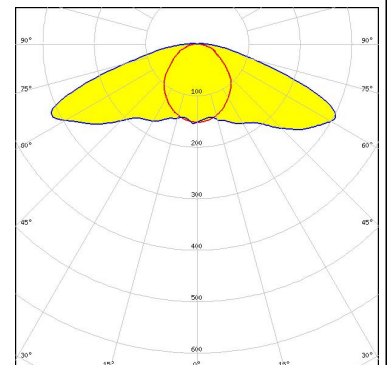
LED LM561B Plus
FWHM / FWTM Asymmetric
Efficiency 76 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LT-H282C
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

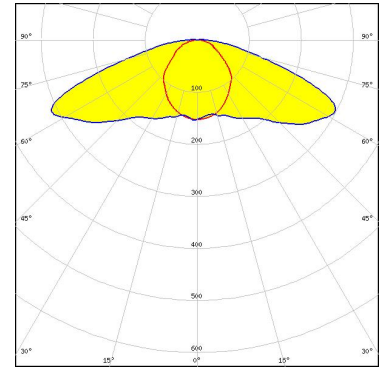


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

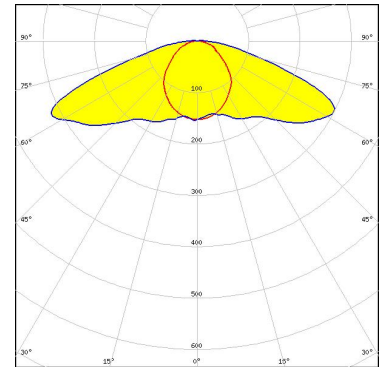
LED LT-Q282B
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

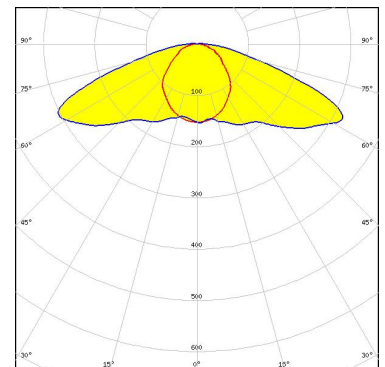
LED LT-S282H
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

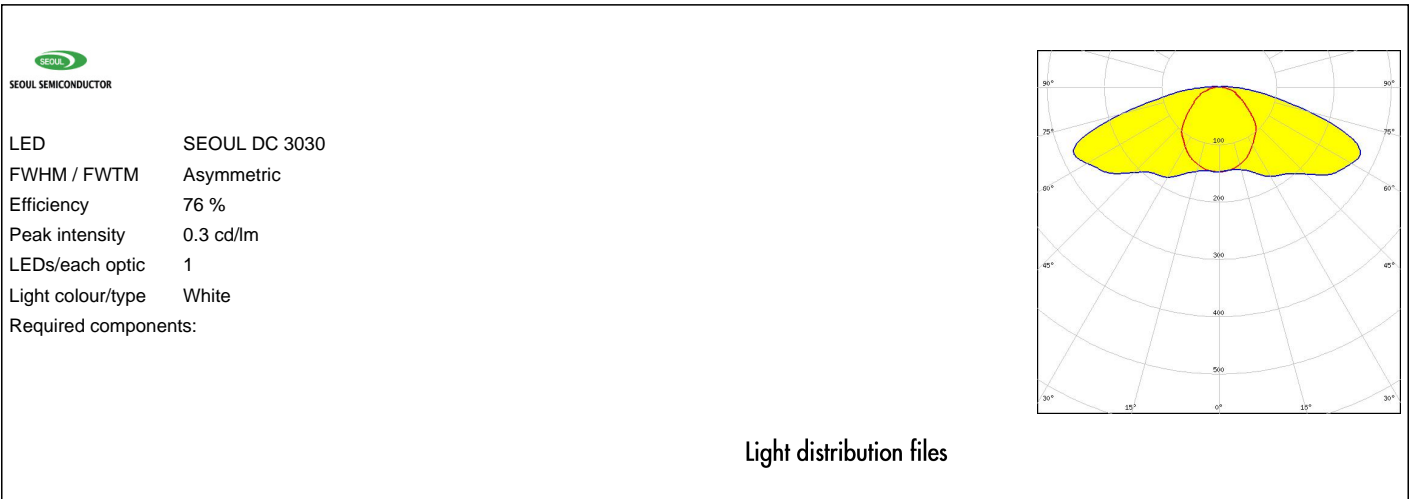
SAMSUNG

LED LT-V282E
FWHM / FWTM Asymmetric
Efficiency 77 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

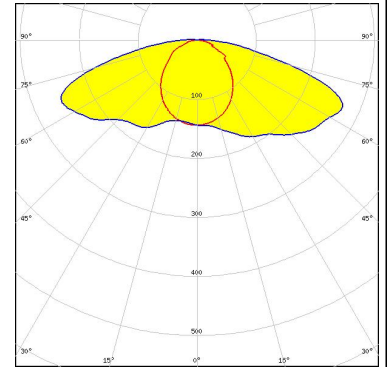
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (MEASURED):

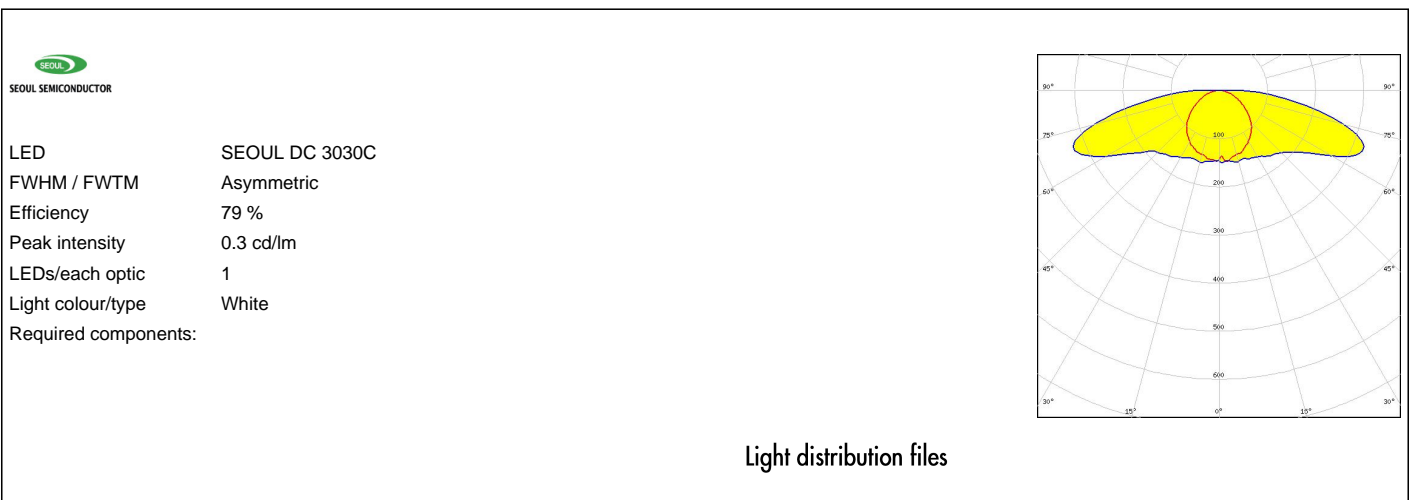
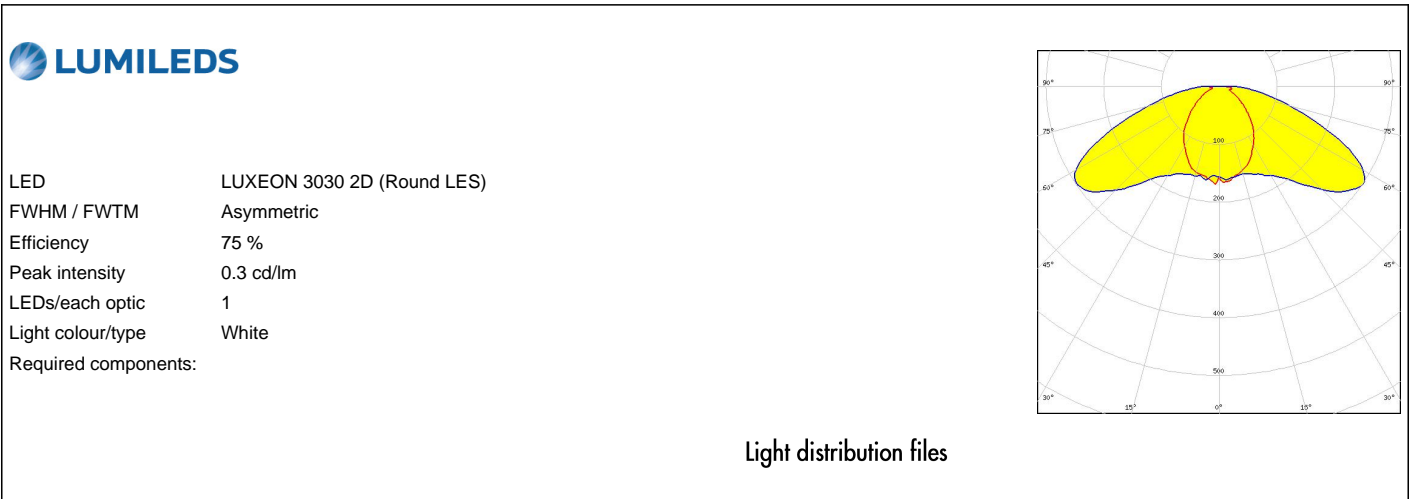
TRIDONIC

LED LLE G4 24x280mm 650lm
FWHM / FWTM Asymmetric
Efficiency 75 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):



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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Distribution Partners

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