

LINDA-W60

~60° + 90° beam



SPECIFICATION:

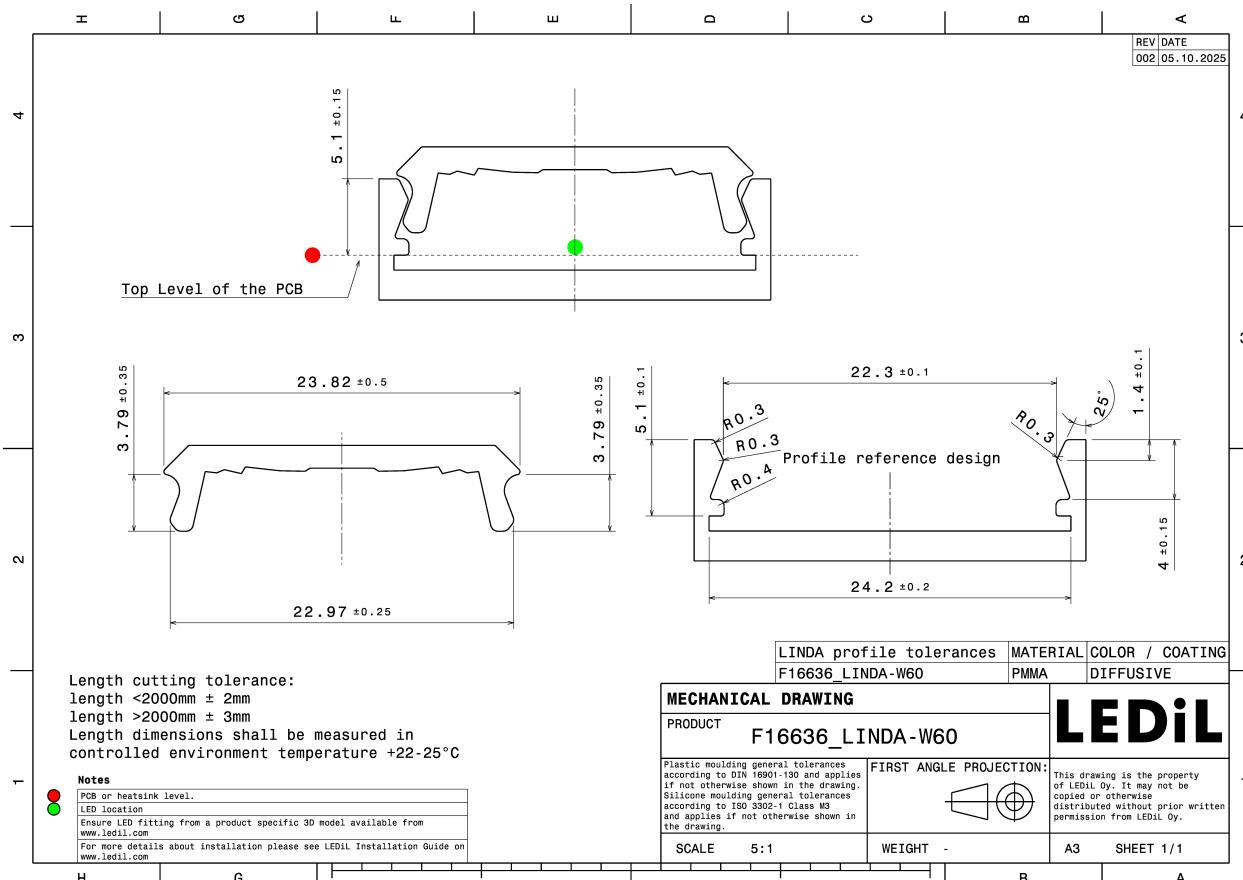
Dimensions	23.8 x 1140.0
Height	6.3 mm
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LINDA-W60	Linear lens	PMMA	milky		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16636_LINDA-W60 » Box size: 1200x160x120 mm	120	120	120	9.0

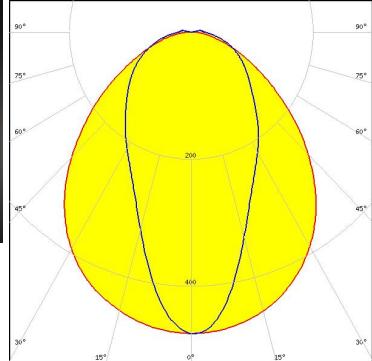


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



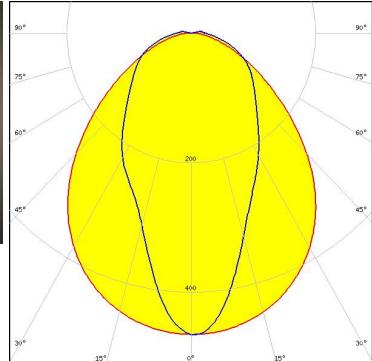
LED Bridgelux SMD 3030
FWHM / FWTM 98.0 + 51.0° / 150.5 + 157.5°
Efficiency 85 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:



Light distribution files

CITIZEN

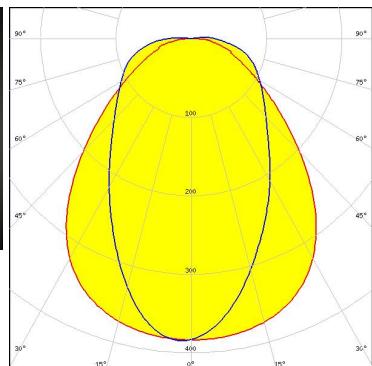
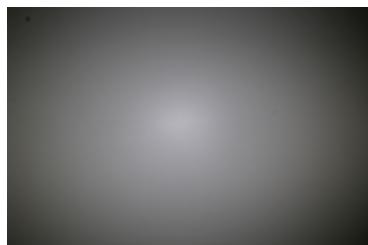
LED CLUC11
FWHM / FWTM 97.0 + 55.0° / 149.0 + 159.0°
Efficiency 84 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-G3
FWHM / FWTM Asymmetric
Efficiency 81 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

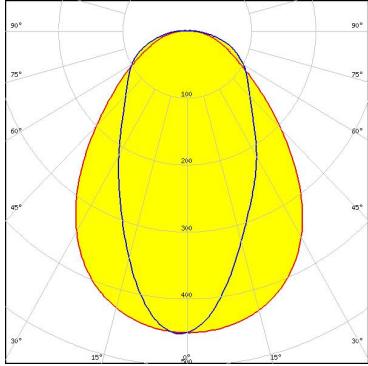


Light distribution files

OPTICAL RESULTS (MEASURED):

inventronics

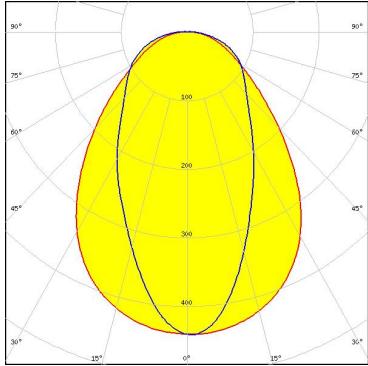
LED PL-LIN-Z5 1100 280x20
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°
 Efficiency 78 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

inventronics

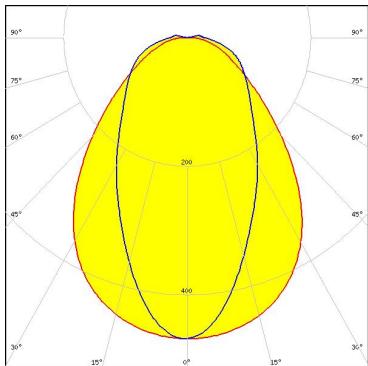
LED PL-LIN-Z5 2000 280x20
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°
 Efficiency 76 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

NICHIA

LED NF2W757G-MT (Tunable White)
 FWHM / FWTM 87.0 + 58.0° / 147.0 + 164.0°
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type Tunable White
 Required components:

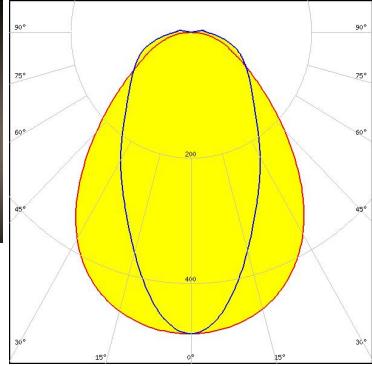


Light distribution files

OPTICAL RESULTS (MEASURED):



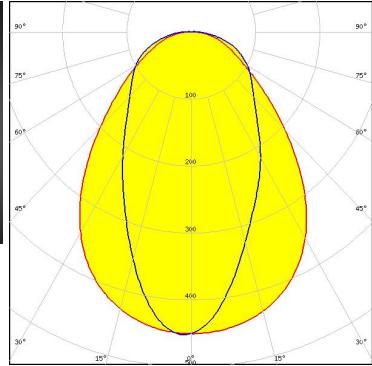
LED NFSW757H
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 164.0°
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



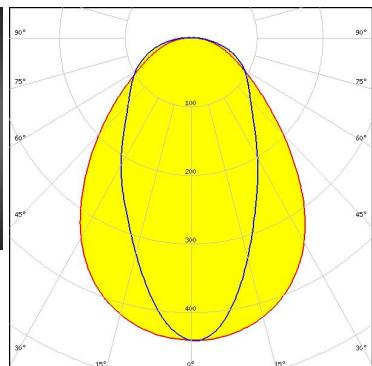
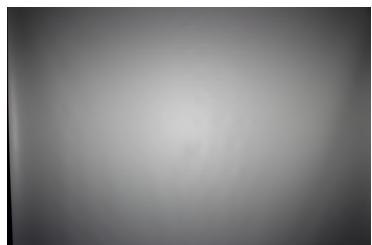
LED Duris E 2835
 FWHM / FWTM 86.0 + 57.0° / 148.0 + 157.0°
 Efficiency 78 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED Duris E 2835
 FWHM / FWTM 85.0 + 56.0° / 149.0 + 157.0°
 Efficiency 76 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



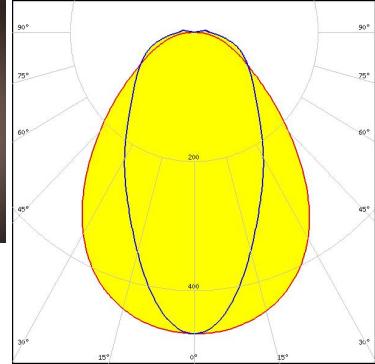
Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED	OSCONIQ E 2835
FWHM / FWTM	87.0 + 58.0° / 149.0 + 163.0°
Efficiency	83 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	Tunable White
Required components:	



Light distribution files

PHILIPS

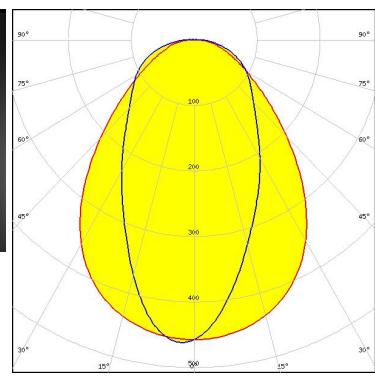
LED	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
FWHM / FWTM	85.0 + 56.0° / 148.0 + 157.0°
Efficiency	79 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

PHILIPS

LED	Fortimo LED Strip 1ft 650lm FC HV4 & LV4
FWHM / FWTM	86.0 + 57.0° / 146.0 + 157.0°
Efficiency	80 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

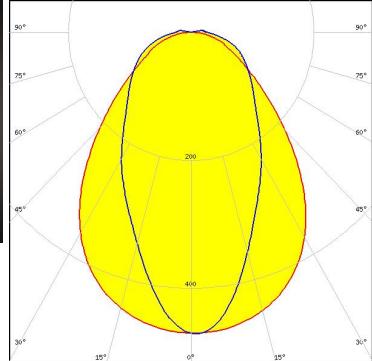


Light distribution files

OPTICAL RESULTS (MEASURED):

PHILIPS

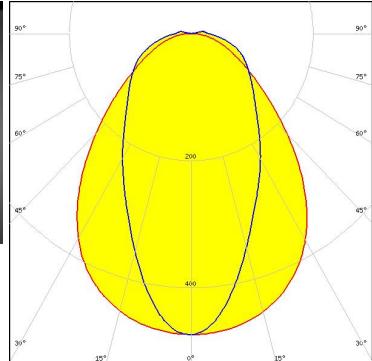
LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5
 FWHM / FWTM 86.0 + 58.0° / 149.0 + 164.0°
 Efficiency 84 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

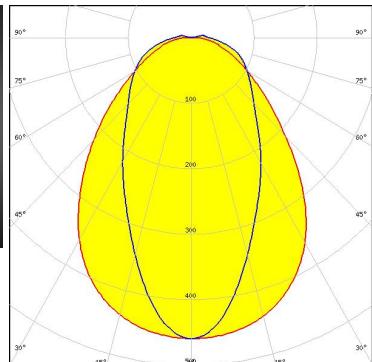
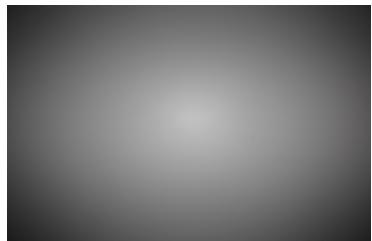
LED LM28xB Series
 FWHM / FWTM 87.0 + 57.0° / 146.0 + 163.0°
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LM301B
 FWHM / FWTM 87.0 + 57.0° / 151.0 + 164.0°
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

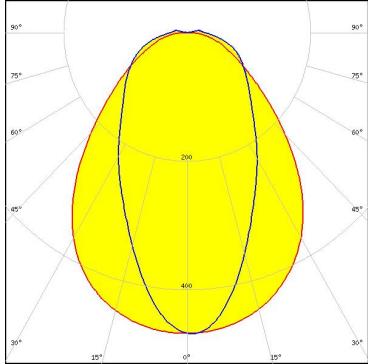


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

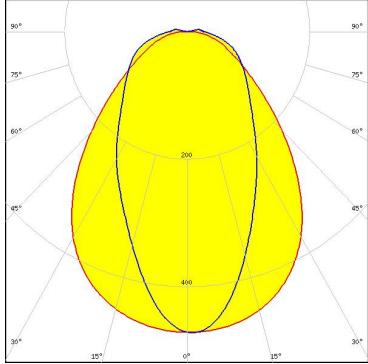
LED LM561C
 FWHM / FWTM 96.0 + 43.0° / 146.0 + 138.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

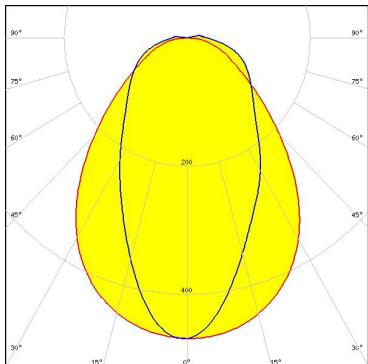
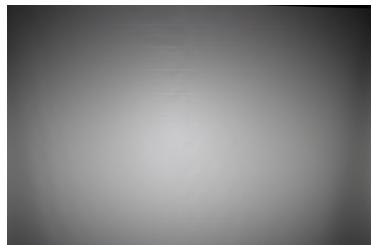
LED LT-H282C
 FWHM / FWTM 87.0 + 58.0° / 149.0 + 164.0°
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SAMSUNG

LED LT-Q282B
 FWHM / FWTM 85.0 + 58.0° / 149.0 + 165.0°
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

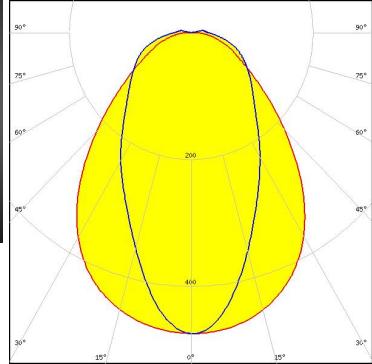


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

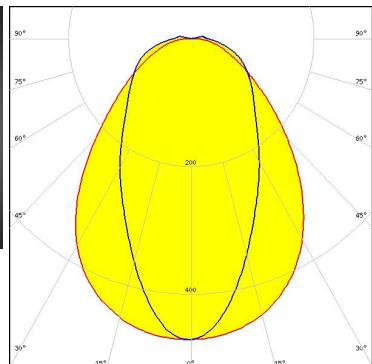
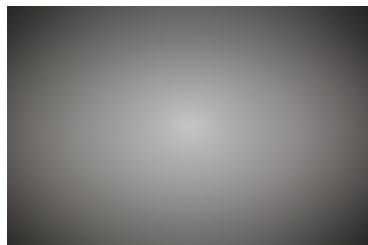
LED LT-S282H
 FWHM / FWTM $86.0 + 57.0^\circ / 148.0 + 163.0^\circ$
 Efficiency 85 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOUL SEMICONDUCTOR

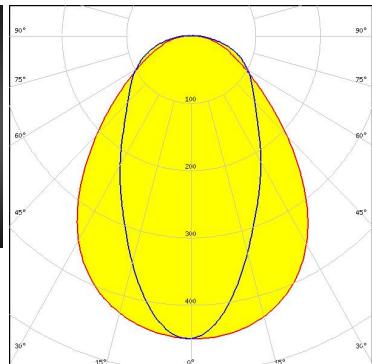
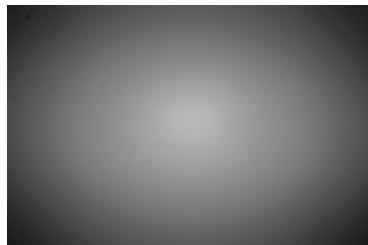
LED SEOUL DC 3528
 FWHM / FWTM $87.0 + 58.0^\circ / 150.0 + 164.0^\circ$
 Efficiency 86 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

TRIDONIC

LED LLE 24x280mm 1250lm HV ADV5
 FWHM / FWTM $87.0 + 58.0^\circ / 148.0 + 156.0^\circ$
 Efficiency 79 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

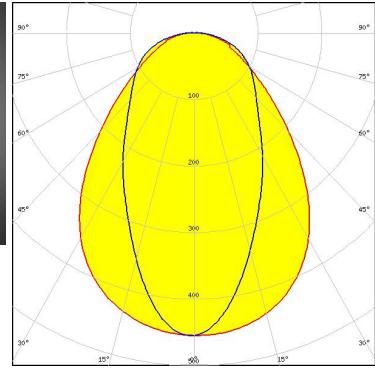


Light distribution files

OPTICAL RESULTS (MEASURED):

TRIDONIC

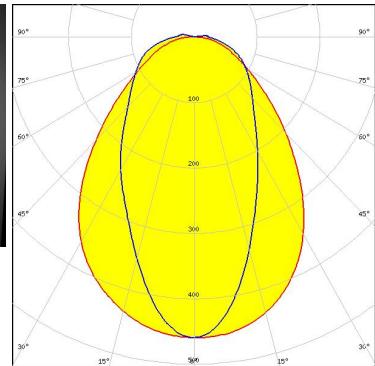
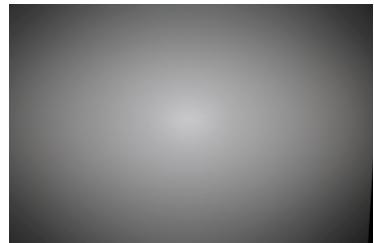
LED LLE 24x280mm 650lm HV ADV5
FWHM / FWTM 87.0 + 58.0° / 151.0 + 156.0°
Efficiency 80 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

TRIDONIC

LED LLE FLEX CC 14mm 1250lm ADV1
FWHM / FWTM 87.0 + 57.0° / 150.0 + 164.0°
Efficiency 83 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

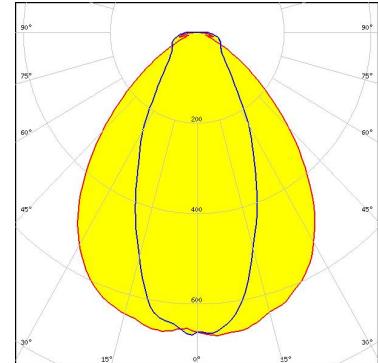


Light distribution files

OPTICAL RESULTS (SIMULATED):



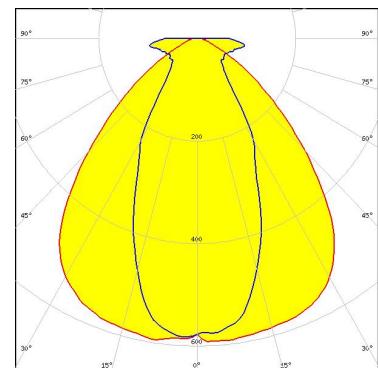
LED LUXEON CSP HL1
FWHM / FWTM 86.0 + 48.0° / 126.0 + 114.0°
Efficiency 88 %
Peak intensity 0.7 cd/lm
LEDs/each optic 5
Light colour/type White
Required components:



Light distribution files



LED Duris E 2835
FWHM / FWTM 92.0 + 48.0° / 128.0 + 180.0°
Efficiency 85 %
Peak intensity 0.6 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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