LINDA-W60

~60° + 90° beam



SPECIFICATION:

Dimensions	23.8 x 1140.0 mm
Height	6.3 mm
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length
LINDA-W60	Linear lens	PMMA	milky		23.8

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F16636_LINDA-W60 » Box size: 1185 x 150 x 115 mm	120	120	120	9.0

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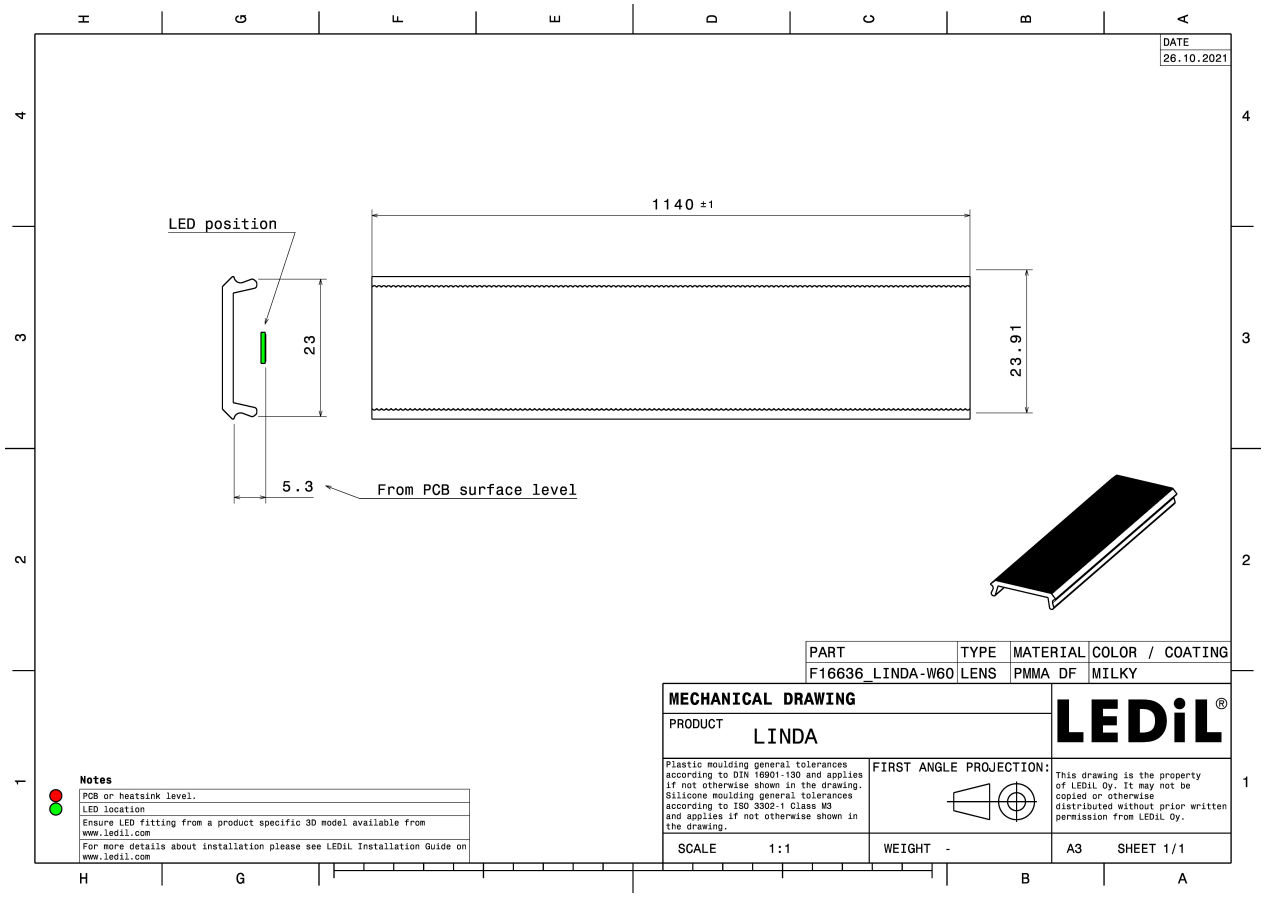

See also our general installation guide: www.ledil.com/installation_guide

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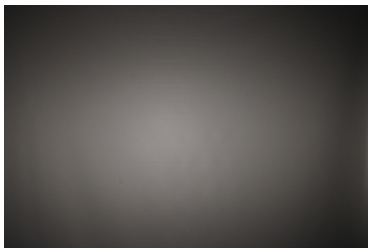
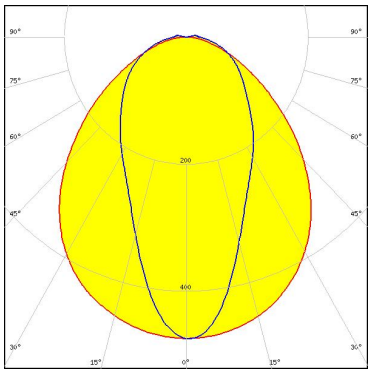
OPTICAL RESULTS (MEASURED):

bridgelux

LED	SMD 3030 (BXEM)
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:	



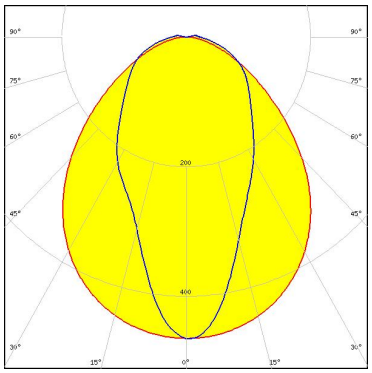


Light distribution files

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:	



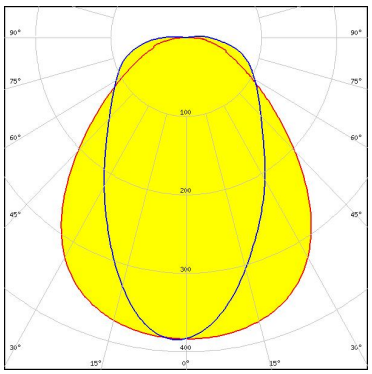


Light distribution files

CREE LEDs

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

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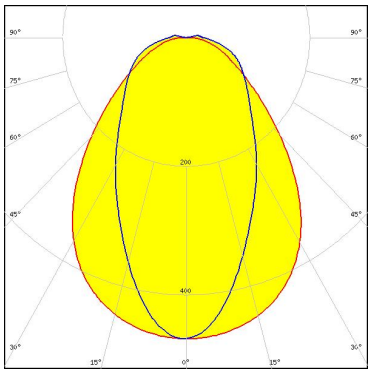
OPTICAL RESULTS (MEASURED):

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:	



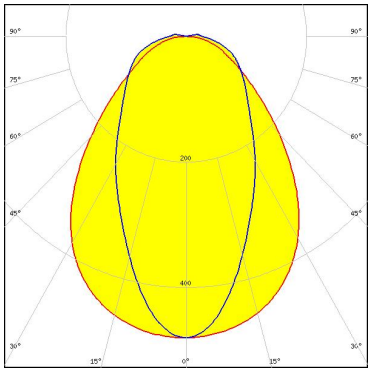


Light distribution files

NICHIA

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:	



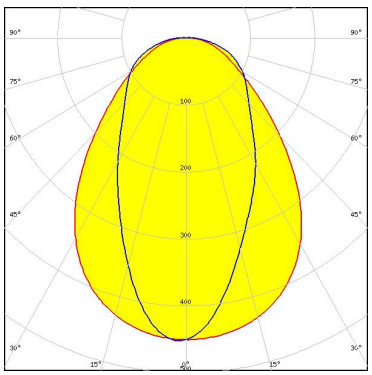


Light distribution files

OSRAM

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

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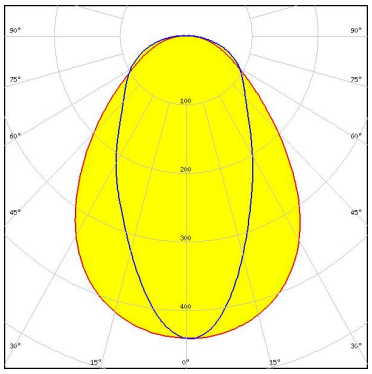
OPTICAL RESULTS (MEASURED):

OSRAM

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:	



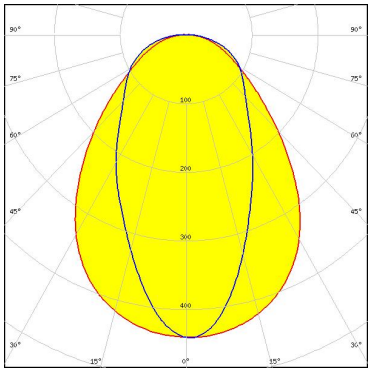


Light distribution files

OSRAM
Opto Semiconductors

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:	



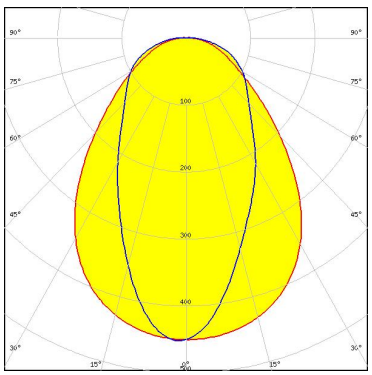


Light distribution files

OSRAM
Opto Semiconductors

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

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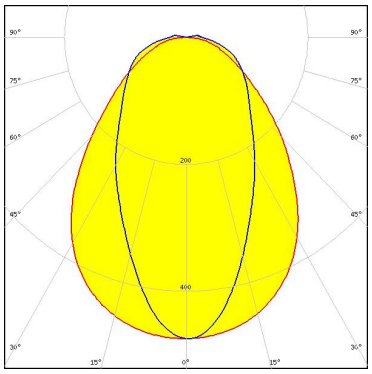
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	87.0 + 58.0° / 151.0 + 164.0°
Efficiency	86 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



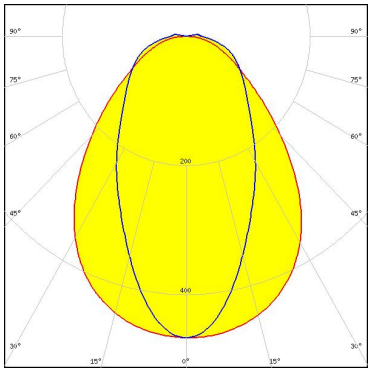


Light distribution files

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:	



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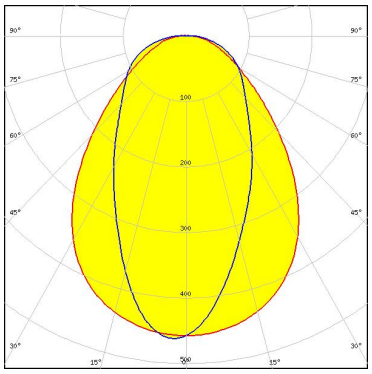
OPTICAL RESULTS (MEASURED):

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:	

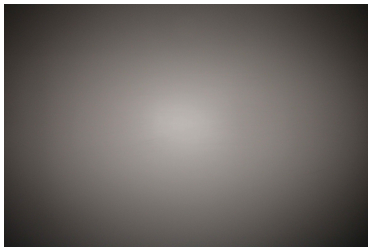


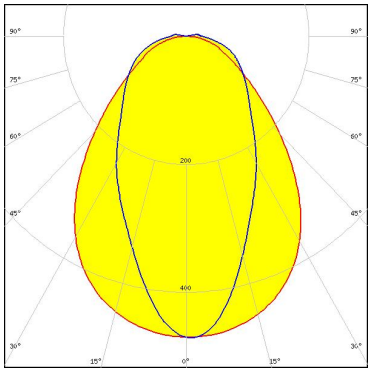


Light distribution files

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:	



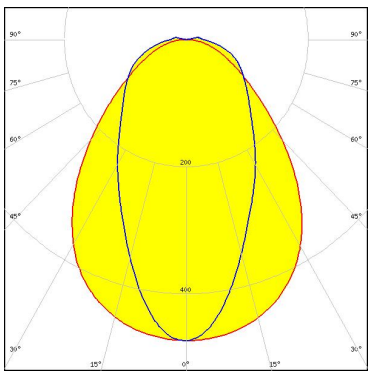


Light distribution files

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

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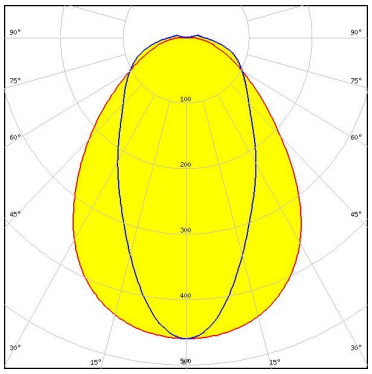
OPTICAL RESULTS (MEASURED):

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:	



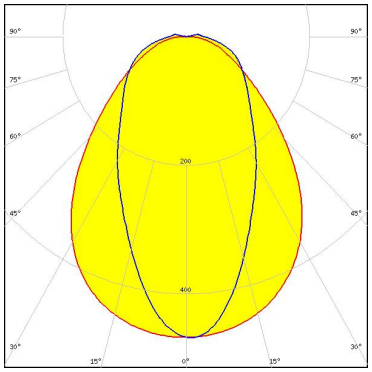


Light distribution files

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:	



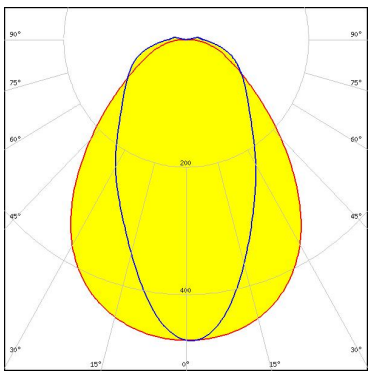


Light distribution files

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

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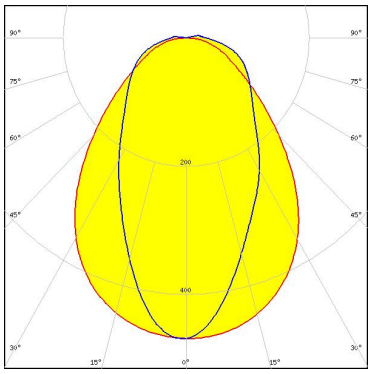
OPTICAL RESULTS (MEASURED):

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:	



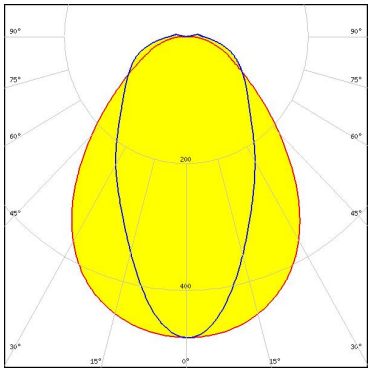


Light distribution files

SAMSUNG

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



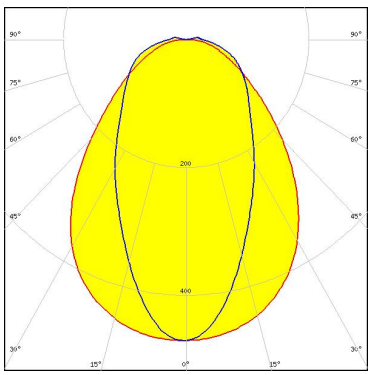


Light distribution files

SEOUL SEMICONDUCTOR

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





Light distribution files

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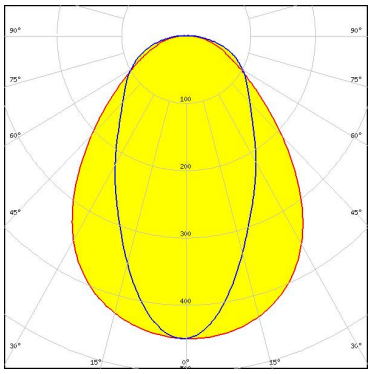
OPTICAL RESULTS (MEASURED):

TRIDONIC

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



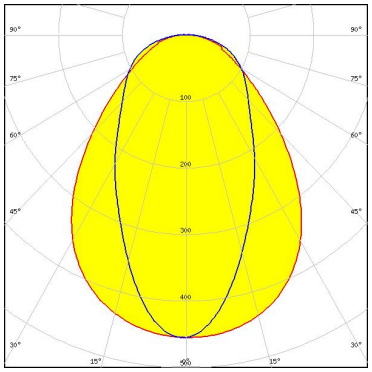


Light distribution files

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:	



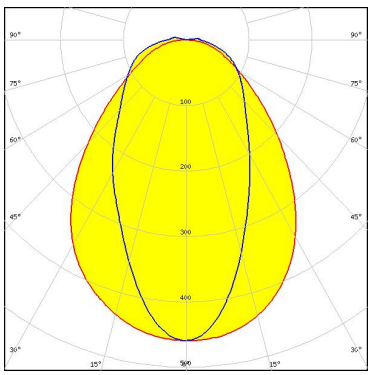


Light distribution files

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

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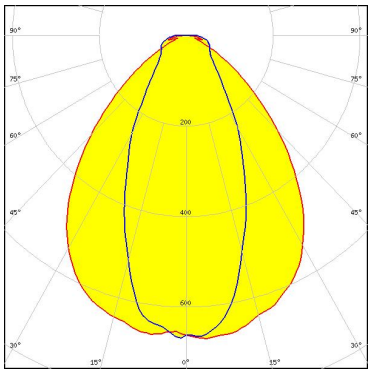
OPTICAL RESULTS (SIMULATED):

LUMILEDS

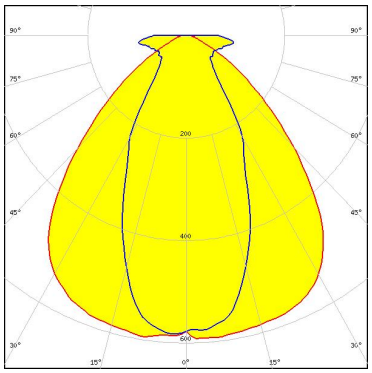
LED	LUXEON CSP HL1
FWHM / FWTM	86.0 + 48.0° / 126.0 + 114.0°
Efficiency	88 %
Peak intensity	0.7 cd/lm
LEDs/each optic	5
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

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

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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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