

PRODUCT DATASHEET F15523_LINNEA-90

LINNEA-90

~90° + 90° wide beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

Dimensions	285.0 x 40.0
Height	9.5 mm
Fastening	clips
ROHS compliant	yes 🛈



MATERIALS:

Component	Туре	Material	Colour	Finish	Length (mm)
LINNEA-90	Linear lens	PC	clear		

ORDERING INFORMATION:

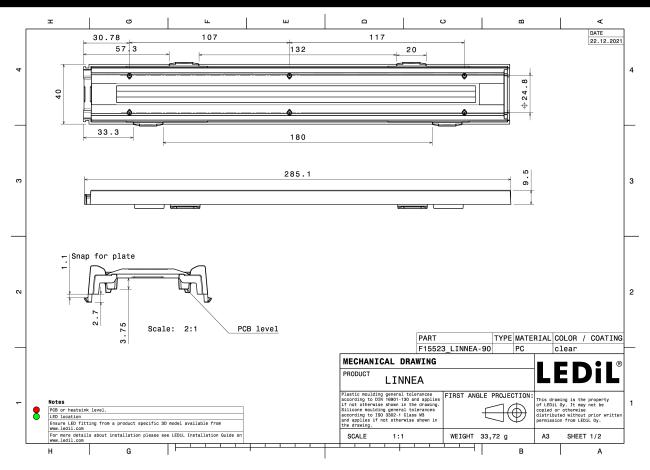
Component

F15523_LINNEA-90

» Box size: 398 x 298 x 265 mm

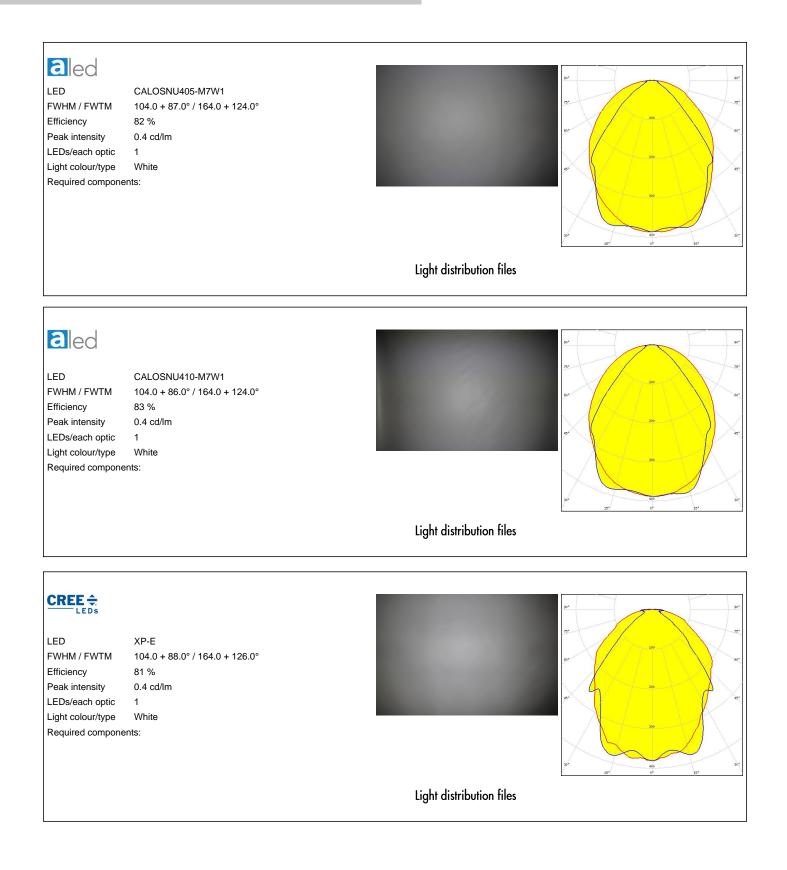
Qty in box	MOQ	MPQ	Box weight (kg)
162	36	9	7.3

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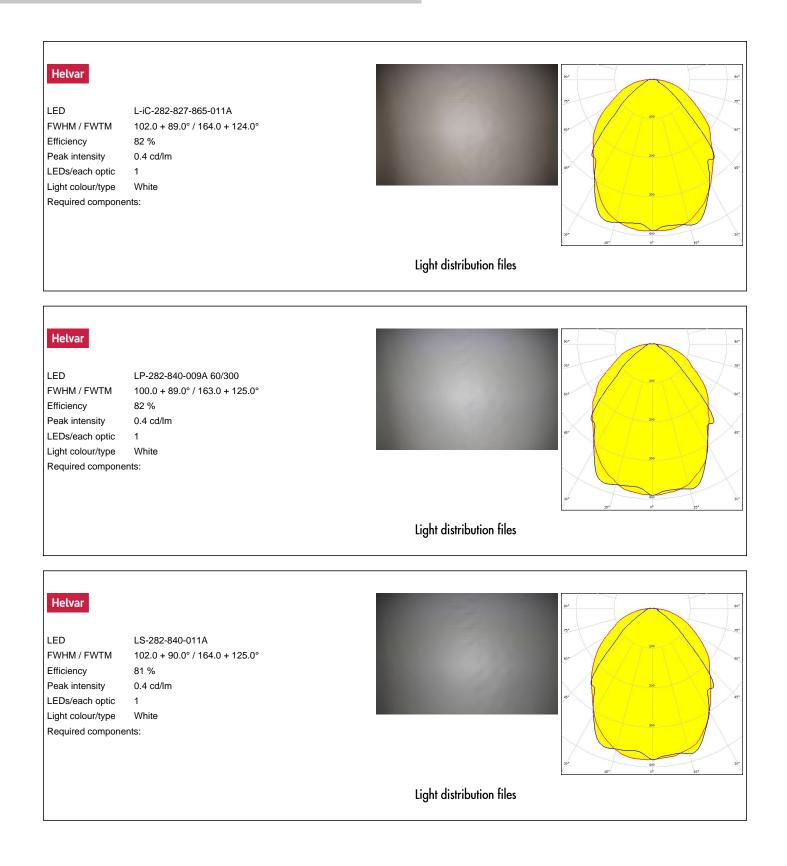


See also our general installation guide: www.ledil.com/installation_guide







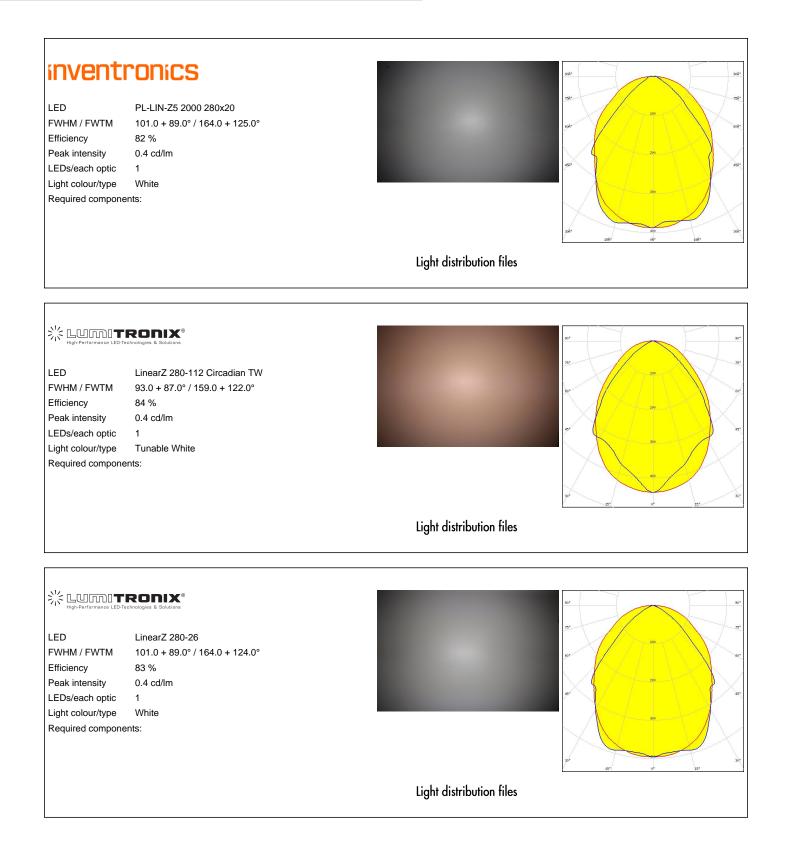




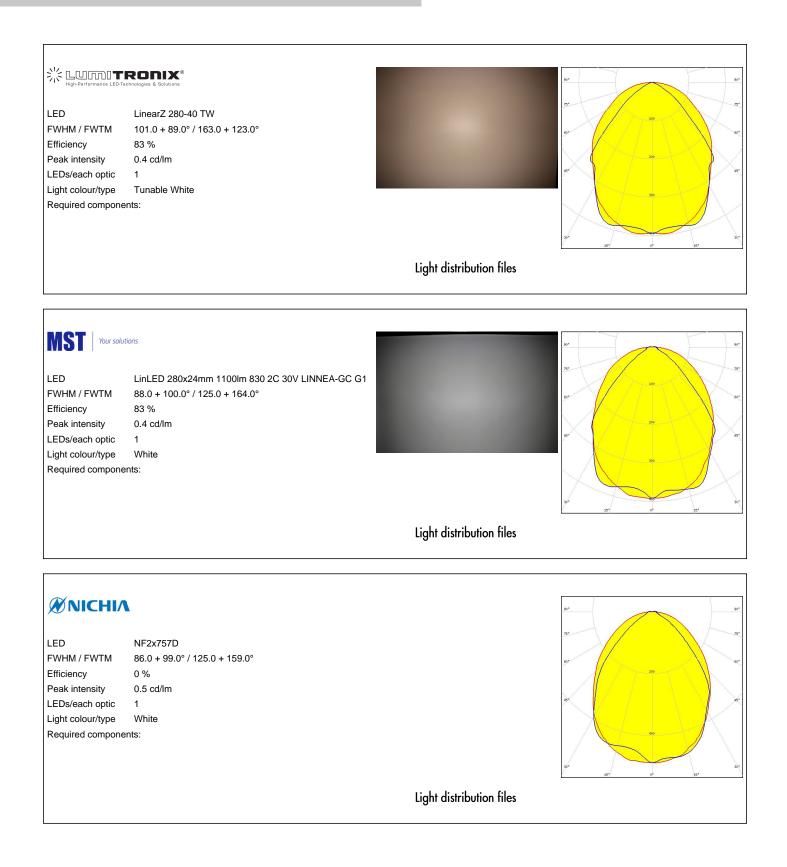
Helvar LED LX-282-840-023A FWHM / FWTM 102.0 + 89.0° / 164.0 + 125.0° Efficiency 82 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files inventronics LED PL-LIN-IND-Z1 2800 560x24 FWHM / FWTM 101.0 + 89.0° / 163.0 + 125.0° Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files inventronics LED PL-LIN-Z5 1100 280x20 FWHM / FWTM 101.0 + 89.0° / 164.0 + 125.0° Efficiency 82 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

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ΜΝΙCΗΙΛ LED NF2x757G FWHM / FWTM 105.0 + 85.0° / 165.0 + 125.0° Efficiency 83 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **Μ**ΝΙCΗΙΛ LED NFSW757H FWHM / FWTM 100.0 + 90.0° / 163.0 + 125.0° Efficiency 85 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **MNICHIA** LED NFSx757G FWHM / FWTM 98.0 + 88.0° / 162.0 + 125.0° Efficiency 81 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



COSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Duris S5 (2 chip) 99.0 + 89.0° / 163.0 + 125.0° 83 % 0.4 cd/lm 1 White nts:	Light distribution files	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Duris S5 (Single chip) 98.0 + 89.0° / 163.0 + 125.0° 85 % 0.4 cd/lm 1 White nts:	Light distribution files	
PHILLIF LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Fortimo LED Strip 1ft 1100lm FC HV4 & LV4 100.0 + 89.0° / 163.0 + 124.0° 82 % 0.4 cd/lm 1 White	Light distribution files	

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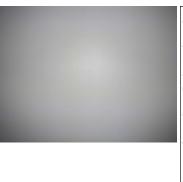
PHILIPS LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5 FWHM / FWTM 99.0 + 85.0° / 163.0 + 123.0° Efficiency 86 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS Fortimo LED Strip 1ft 650lm FC HV4 & LV4 LED FWHM / FWTM 102.0 + 90.0° / 164.0 + 124.0° Efficiency 82 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS Fortimo LED Strip 1ft 650Im FC HV5 & LV5 LED FWHM / FWTM 101.0 + 87.0° / 163.0 + 123.0° Efficiency 86 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

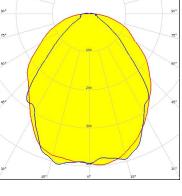


SAMSUNG

LEDLMFWHM / FWTM10Efficiency84Peak intensity0.LEDs/each optic1Light colour/typeWRequired components:

LM28xB Series 105.0 + 86.0° / 165.0 + 124.0° 84 % 0.3 cd/lm 1 White ts:



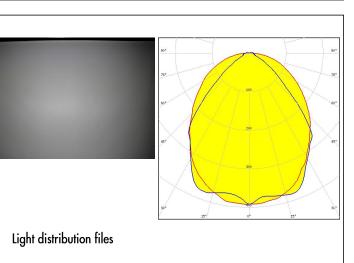


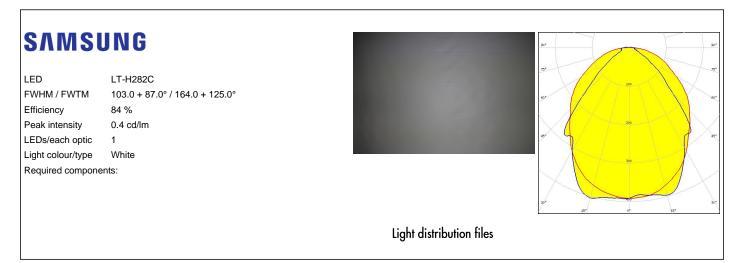
Light distribution files

SAMSUNG

LEDLMFWHM / FWTM82Efficiency82Peak intensity0.LEDs/each optic1Light colour/typeWRequired components:

LM561B Plus 88.0 + 100.0° / 125.0 + 164.0° 83 % 0.4 cd/lm 1 White







SAMSUNG LED LT-H562C FWHM / FWTM 103.0 + 87.0° / 164.0 + 125.0° Efficiency 84 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LT-Q282B FWHM / FWTM 101.0 + 87.0° / 164.0 + 125.0° Efficiency 84 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LT-S282H FWHM / FWTM 104.0 + 86.0° / 165.0 + 125.0° Efficiency 85 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

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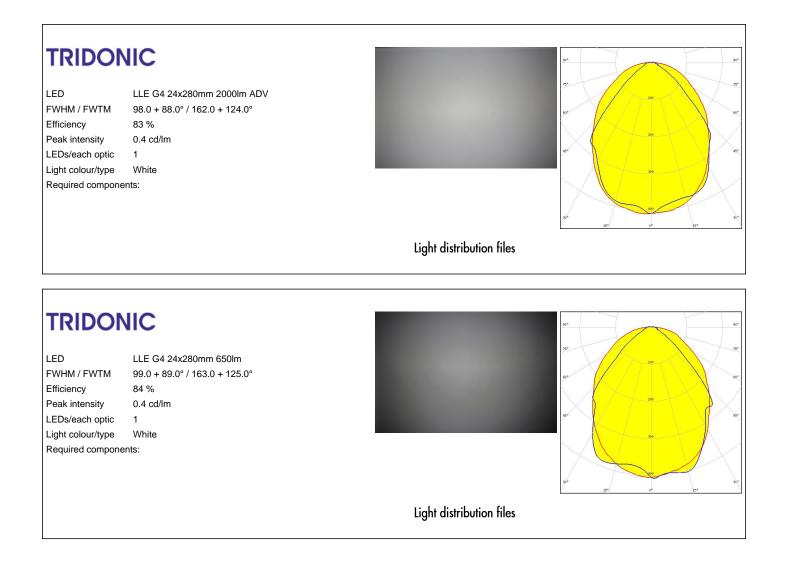


SAMSUNG LED LT-S562H FWHM / FWTM 104.0 + 86.0° / 165.0 + 125.0° Efficiency 85 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LT-V282E FWHM / FWTM 103.0 + 86.0° / 164.0 + 125.0° Efficiency 85 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SAMSUNG LED LT-V562E FWHM / FWTM 103.0 + 86.0° / 164.0 + 125.0° Efficiency 85 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	SEOUL 5630D 93.0° / 141.0° 82 % 0.4 cd/lm 1 White nts:	Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	SEOUL DC 3030 99.0 + 88.0° / 163.0 + 125.0° 85 % 0.4 cd/lm 1 White nts:	Light distribution files
TRIDON LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	LLE G4 24x280mm 1250lm 100.0 + 89.0° / 163.0 + 125.0° 83 % 0.4 cd/lm 1 White	Light distribution files





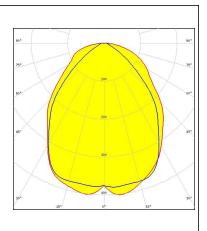




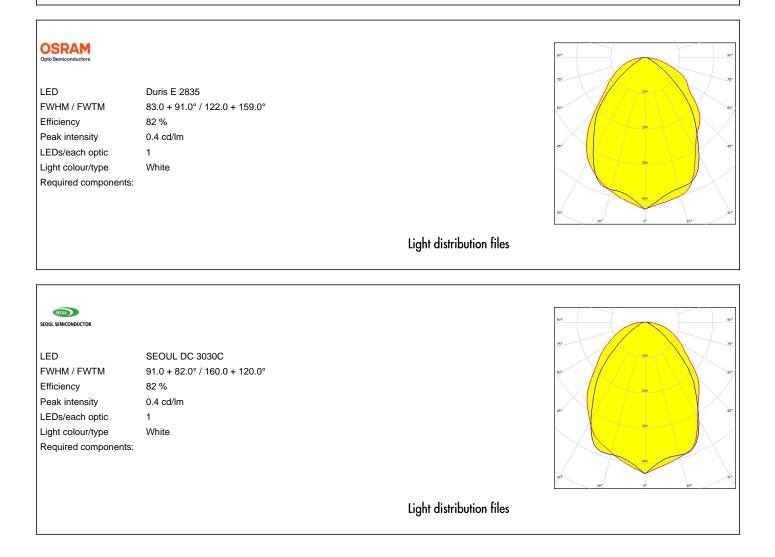


UMILEDS

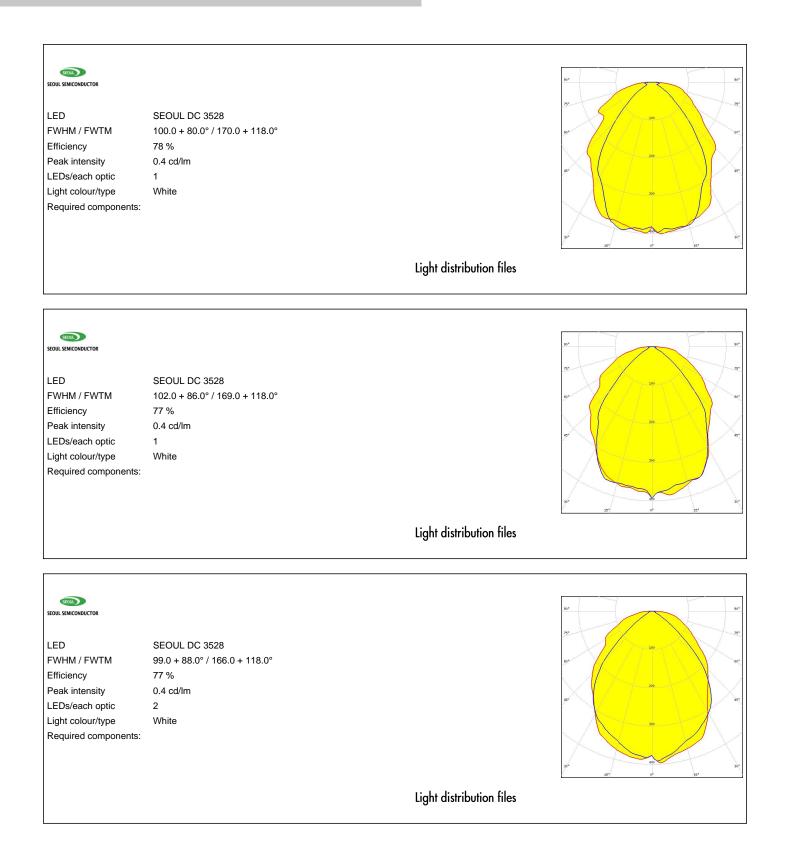
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: LUXEON 3030 2D (Round LES) 93.0 + 84.0° / 162.0 + 124.0° 82 % 0.4 cd/lm 1 White



Light distribution files













SEOUL SEMICONDUCTOR			95
LED	SEOUL DC 3528		78'
FWHM / FWTM	102.0 + 84.0° / 168.0 + 117.0°		60*
Efficiency	77 %		
Peak intensity	0.4 cd/lm		454
LEDs/each optic	1		
Light colour/type	White		
Required components	S.		
			36° 15° 0° 15°
		Light distribution files	
		Light distribution files	
		Light distribution files	
SEOUL SEMICONDUCTOR	SEOUL DC 3528	Light distribution files	
seoul semiconductor LED FWHM / FWTM	99.0 + 84.0° / 167.0 + 116.0°	Light distribution files	
seoul semiconductor LED FWHM / FWTM Efficiency	99.0 + 84.0° / 167.0 + 116.0° 78 %	Light distribution files	99 ³ 791 691 200
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	99.0 + 84.0° / 167.0 + 116.0° 78 % 0.4 cd/lm	Light distribution files	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	99.0 + 84.0° / 167.0 + 116.0° 78 % 0.4 cd/lm 2	Light distribution files	79 60 20
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type	99.0 + 84.0° / 167.0 + 116.0° 78 % 0.4 cd/lm 2 White	Light distribution files	59° 797 60° 60° 70° 70° 70°
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	99.0 + 84.0° / 167.0 + 116.0° 78 % 0.4 cd/lm 2 White	Light distribution files	79 60 20



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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.

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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