

FLORENCE-ZT25

Double asymmetric beam for aisle and shelf lighting

TECHNICAL SPECIFICATIONS:

Dimensions

Height

11 mm

286.0 x 61.0 mm

Fastening screw

ROHS compliant yes ()

MATERIAL SPECIFICATIONS:

Component FLORENCE-ZT25

Type Linear lens



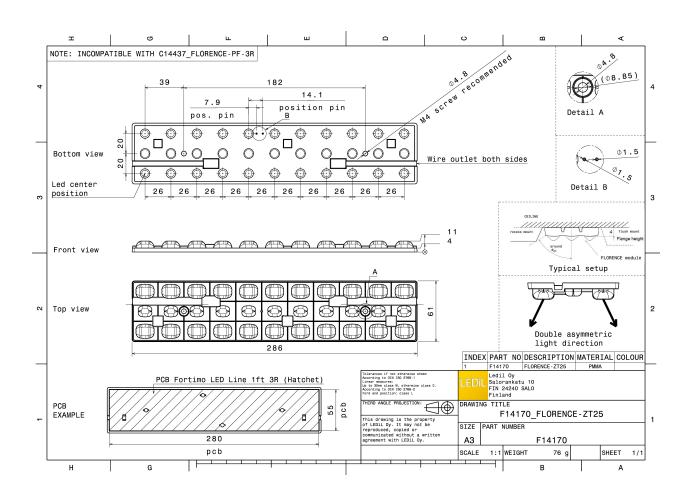
Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

Component

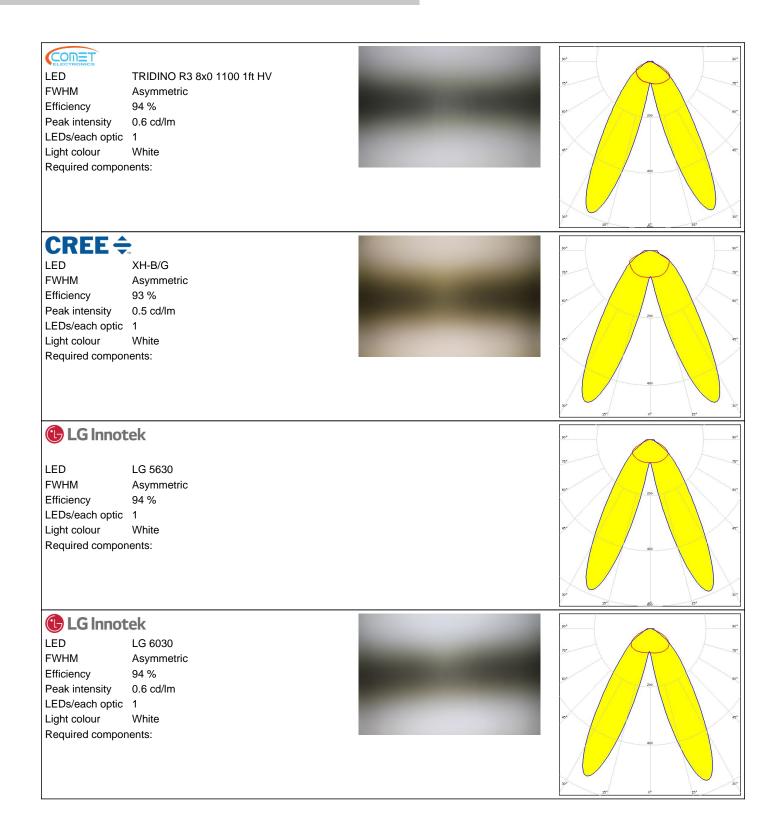
F14170_FLORENCE-ZT25 » Box size: 398 x 298 x 140 mm

Qty in box	MOQ	MPQ	Box weight (kg)
60	18	6	5.8



R







EUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON 3030 2D (Round LES) Asymmetric 92 % 0.6 cd/lm 1 White	50° 50° 60° 50° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
CUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON 3535 2D Asymmetric 94 % 0.6 cd/lm 1 White	90° 90° 90° 90° 90° 90° 90° 90°
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LUXEON XR-3535L (L202 - xxxx033C30001) Asymmetric 94 % 0.6 cd/lm 1 White	
LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	MP-2016 Asymmetric 94 % 0.6 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

		X
NICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NF2x757D Asymmetric 94 % 0.6 cd/lm 1 White	20- 20- 20- 20- 20- 20- 20- 20-
NICHIA LED FWHM Efficiency LEDs/each optic Light colour Required compor	NF2x757G Asymmetric % 1 White	20° C° 10° C°
Efficiency Peak intensity LEDs/each optic Light colour Required compor	NFSW757H Asymmetric 94 % 0.6 cd/lm 1 White	30° 500 500 500 500 500 500 500 5
OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PL-BAR-G3 1100 280x55 Asymmetric 94 % 0.6 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20

PRODUCT DATASHEET F14170_FLORENCE-ZT25

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PHOTOMETRIC DATA (MEASURED):

OSRAM LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	PLG2-BAR-1100-xxx-280x55-DC Asymmetric 94 % 0.6 cd/lm 1 White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	

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PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	50 50 50 50 50 50 50 50 50 50
Ostro Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	94 97 95 97 96 90 90 96 90 90 90 90 90 90 90 90 90 90 90 90 90 9
PHILIP LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	Fortimo LED Line 1ft 650lm 3R HV4 & LV4 Asymmetric 94 % 0.6 cd/lm 1 White	54° 57° 59° 50° 69° 60° 69° 60° 69° 60° 69° 60° 69° 60° 69° 60°
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM231 A/B Asymmetric 94 % 0.6 cd/lm 1 White	

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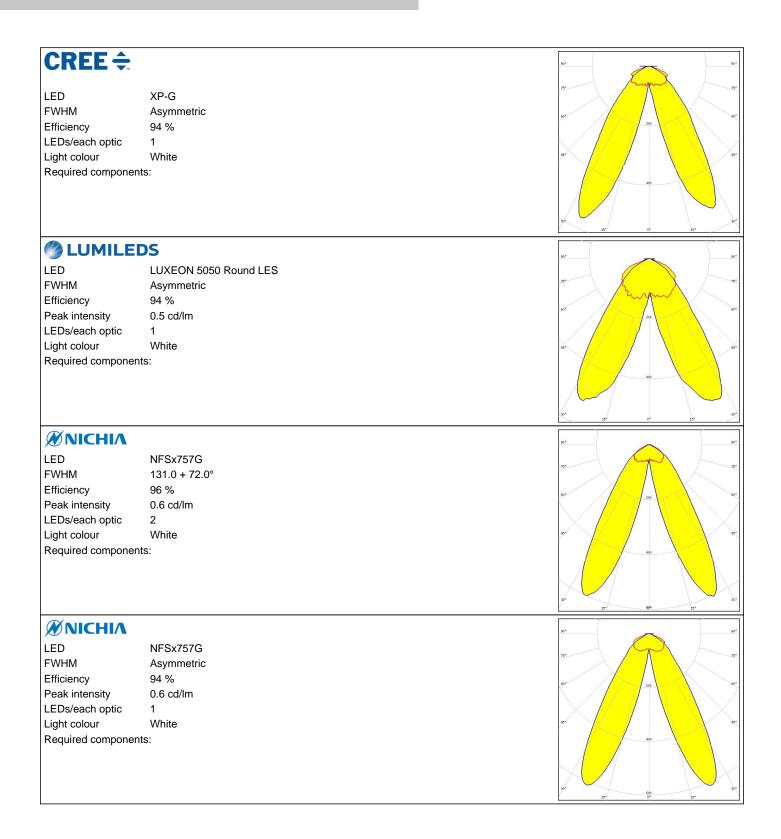
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM561B Asymmetric 94 % 0.6 cd/lm 1 White	200 60 60 700 700 60 60 700 60 60 70 70 70 70 70 70 70 70 70 70 70 70 70
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM561B Plus Asymmetric 94 % 0.6 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LT-R286A Asymmetric 94 % 0.6 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	



SEOUL		90* 80*
LED FWHM	SEOUL 5630C	75'
	Asymmetric	
Efficiency	94 %	60* 60*
Peak intensity	0.6 cd/lm	
LEDs/each optic Light colour	White	
Required compon		
		20 ¹ 10 ² 000 10 ² 10 ²
SEOUL SEMICONDUCTOR		90°.
LED	SEOUL DC 3030	
FWHM	Asymmetric	
Efficiency	94 %	60*
Peak intensity	0.6 cd/lm	
LEDs/each optic		
Light colour	White	65° 65°
Required compon	ents:	200
TRIDON	C	90* 90*
LED	LLE G2 55x280mm 2000lm	
FWHM	Asymmetric	71°
Efficiency	94 %	
Peak intensity	0.6 cd/lm	60° 60°
LEDs/each optic		
Light colour	White	97*
Required compon	ents:	20-



PHOTOMETRIC DATA (SIMULATED):



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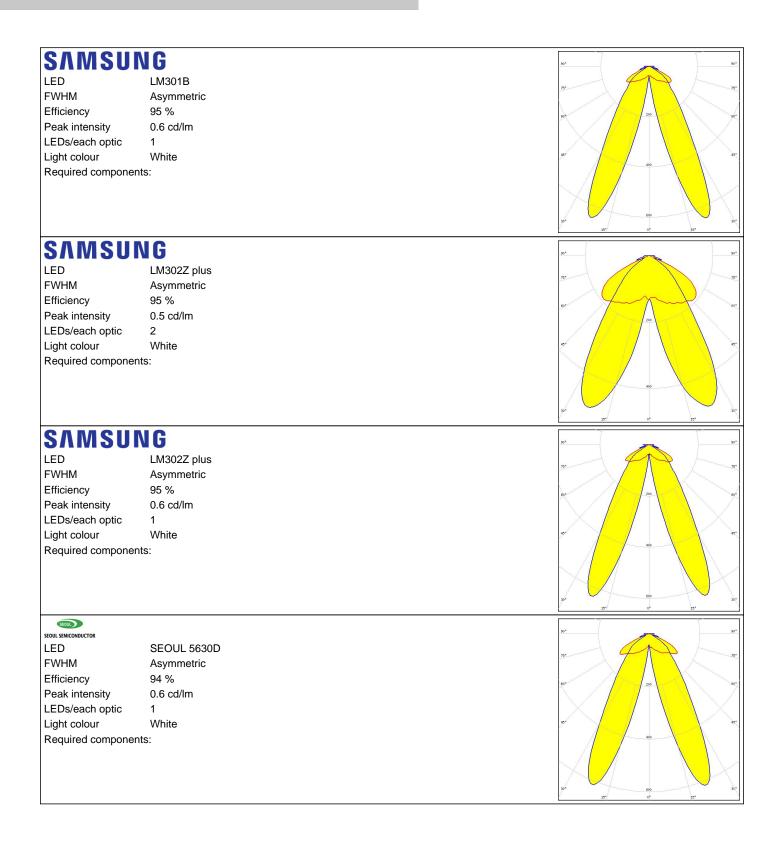
PHOTOMETRIC DATA (SIMULATED):

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FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/m LEDSeeach optic 1 Light colour While Required components: Image: Components in the image: Component in the image: C	OSRAM Opto Semiconductors		50 ³
Efficiency 94 % Peak intensity 0.6 cd/m LEDVeede hopic 1 Light colour White Required components:			75.
Peak intensity 0.6 cd/m LEDs/each optic 1 LEDs/each optic 1 LEDs/each optic 2 LED Duris E 2835 FWHM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/m LEDs/each optic 2 Light colour White Required components: SAMSUNG LEDs/each optic 1 Light colour White Required components:			
LEDS/each optic 1 Light colour White Required components:			50° 500
Light colour White Required components:			
Required components: LED Duris E 2835 EVHM Asymmetric Efficiency 96% Peak intensity 0.6 cd/lm LEDS/each optic 2 LED components: SAMSUNC LED LM28xB Series EVHM Asymmetric Efficiency 94% Peak intensity 0.6 cd/lm LEDS/each optic 1 LEDS/each optic 1 LEDS/each optic 1 LEDS/each optic 2 SAMSUNC LED LM301B EVHM Asymmetric Efficiency 95% Peak intensity 0.5 cd/lm LED LM301B EVHM Asymmetric Efficiency 95% Peak intensity 0.5 cd/lm LED LM301B EVHM Asymmetric Efficiency 95% Peak intensity 0.5 cd/lm LEDS/each optic 2 LED LM301B EVHM Asymmetric Efficiency 95% Peak intensity 0.5 cd/lm LEDS/each optic 2 LED VHE			
SRAM LED Duris E 2835 FWHM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDSeach optic 2 Light colour White Required components: Image: Comparison of the component o			¢,
Jack International Jack Internat	Required componen	ts:	410
Jacketwards LED Duris E 2835 FWHM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDS/each optic 2 LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDS/each optic 2 LED LM301B FWHM Asymmetric			
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Jacketwards LED Duris E 2835 FWHM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDS/each optic 2 LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDS/each optic 2 LED LM301B FWHM Asymmetric			30* 55 59 55
LED Duris E 2835 FWHM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: SAMS UNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMS UNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDS/each optic 2 Light colour White	OSRAM		59' 59'
FWHM Asymmetric Efficiency 96 % Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDS/each optic 2 LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 LED LM301B FWHM Asymmetric		Duris E 2835	
Efficiency 96 % Peak intensity 0.6 cd/m LEDs/each optic 2 Light colour White Required components:			75
Peak intensity 0.6 cd/lm LEDs/each optic 2 Light colour White Required components: SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94% Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95% Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White Required components:			
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Light colour White Required components: SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			
Required components: SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/m LEDs/each optic 2 Light colour White			g+
SAMSUNG LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/m LEDs/each optic 2 Light colour White			
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LED LM28xB Series FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			30° 35° 35°
FWHM Asymmetric Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	SAMSU	IG	94 ⁴ 97 ⁴
Efficiency 94 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	LED	LM28xB Series	
Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	FWHM	Asymmetric	
LEDs/each optic 1 Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	Efficiency	94 %	200 604
Light colour White Required components: SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	Peak intensity	0.6 cd/lm	
Required components:	LEDs/each optic	1	
SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	Light colour	White	43×
SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	Required componen	ts:	40
SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			
SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			
SAMSUNG LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			30* 600 32*
LED LM301B FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White	SAMSII	IG	
FWHM Asymmetric Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			
Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			75
Peak intensity 0.5 cd/lm LEDs/each optic 2 Light colour White			
LEDs/each optic 2 Light colour White			60*
Light colour White			200
			er er
	required componen	15.	
			440
ar 20 at 12'			36° 34°

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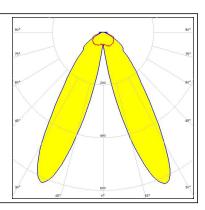
PHOTOMETRIC DATA (SIMULATED):





PHOTOMETRIC DATA (SIMULATED):

SEOUL	
SEOUL SEMICONDUCTOR	
LED	SEOUL DC 3030C
FWHM	Asymmetric
Efficiency	96 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components	6:





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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LEDiL Oy

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