

## FLORENCE-1R-Z60

~60° + 110° medium beam

### **TECHNICAL SPECIFICATIONS:**

Dimensions

Height Fastening ROHS compliant 19.5 x 286.0 mm 7.6 mm clips yes <sup>(1)</sup>

### **MATERIAL SPECIFICATIONS:**

Component FLORENCE-1R-Z60 **Type** Linear lens



F14468\_FLORENCE-1R-Z60

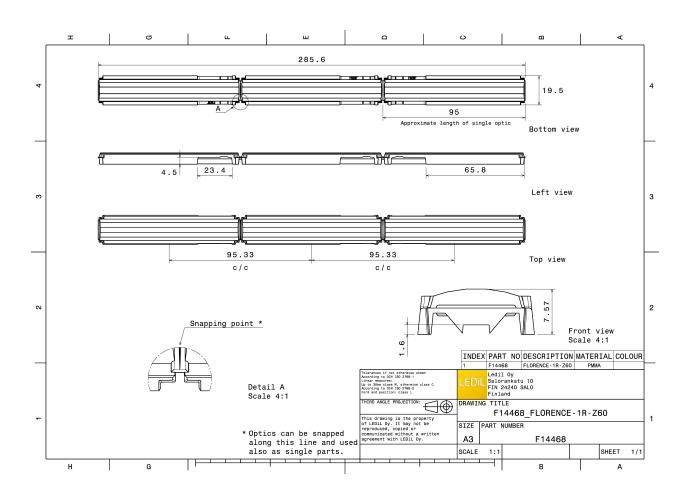
**Material** PMMA **Colour** clear Finish

PRODUCT DATASHEET

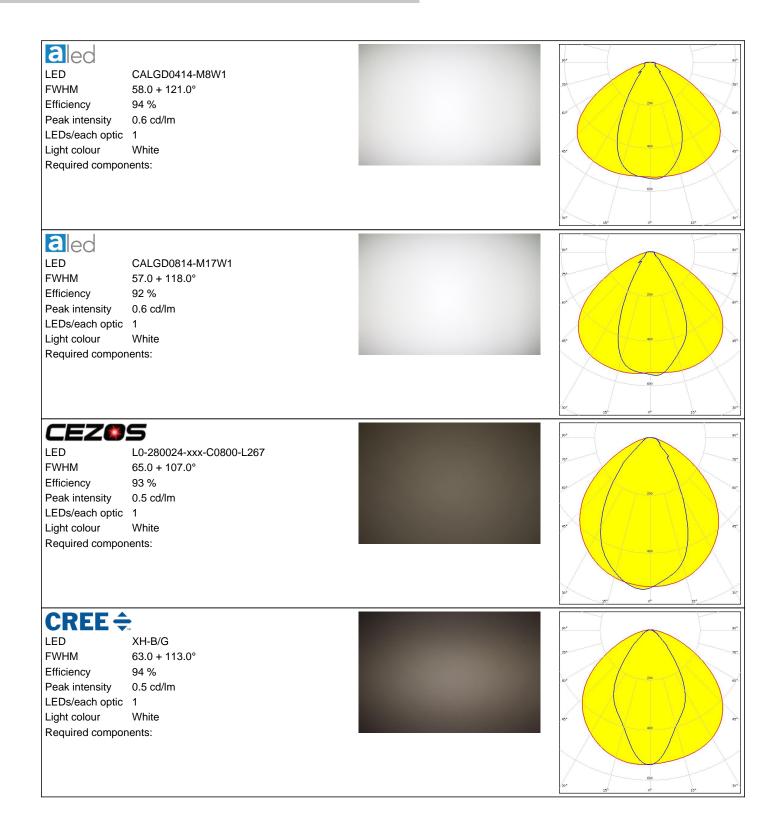
### **ORDERING INFORMATION:**

Component F14468\_FLORENCE-1R-Z60 » Box size: 398 x 298 x 265 mm

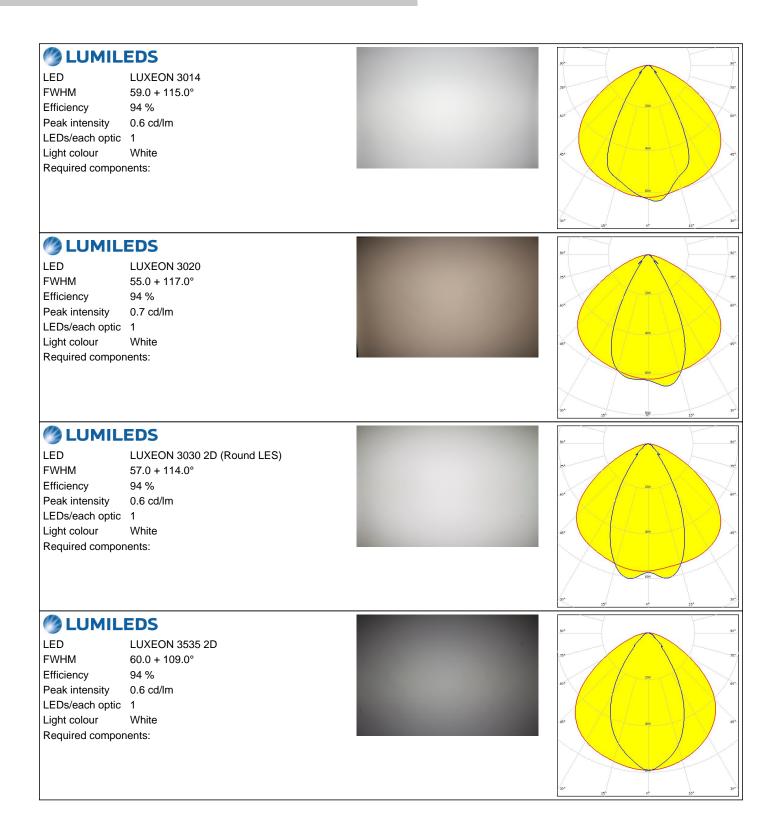
Qty in box	MOQ	MPQ	Box weight (kg)
165	45	15	7.1



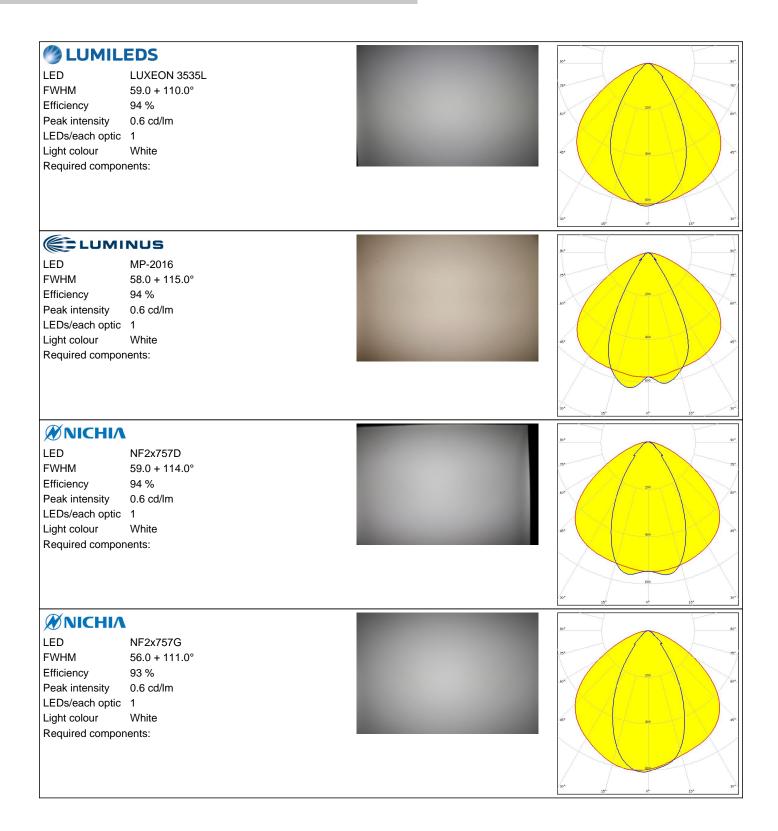














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LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	NF2x757G 112.0 + 52.0° 70 % 0.5 cd/lm 1 White	5° 50° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6
<b>NICHIA</b> LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14353_FLOR	NFSW757H 107.0 + 60.0° 94 % 0.6 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50°
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	200 200 60 200 60 60 60 60 60 60 60 60 60
Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	

PRODUCT DATASHEET

F14468\_FLORENCE-1R-Z60



SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14409_FLOR	LM28xB Series 111.0 + 59.0° 94 % 0.6 cd/lm 1 White	200 200 200 200 200 200 200 200
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM28xB Series 57.0 + 113.0° 94 % 0.6 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM301A 56.0 + 113.0° 94 % 0.6 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM302A 59.0 + 111.0° 94 % 0.6 cd/lm 1 White	

PRODUCT DATASHEET

F14468\_FLORENCE-1R-Z60



## PHOTOMETRIC DATA (MEASURED):

SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM561B 59.0 + 111.0° 94 % 0.6 cd/lm 1 White	20 <sup>1</sup> 20
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14353_FLOR	LM561B Plus 117.0 + 58.0° 94 % 0.6 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LM561C 56.0 + 113.0° 94 % 0.6 cd/lm 1 White	
SAMSU LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	LT-S282N 56.0 + 112.0° 94 % 0.6 cd/Im 1 White	



## PHOTOMETRIC DATA (MEASURED):

scoul SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	30°     30°     30°       30°     00°     00°       30°     00°     00°
scoul semiconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14353_FLOR	White	200 60 60 60 60 60 60 60 60 60



## PHOTOMETRIC DATA (SIMULATED):

WHM   50.0 + 107.0°     Efficiency   94 %     Pack Intensity   0.7 cd/m     LEDsteach optic   1     Light colour   White     Required components:   Image: Color of the color o			
ED   LUXEON 2835 Line     WHM   59.0 + 107.0°     Winkinsity   0.7 cd/m     LeDiseach optic   1     Light colour   White     Required components:   Image: Component State St	MUMILE 🖉	DS	50°
WHM   \$50 + 107.0°     Efficiency   94 %     reak intensity   0.7 cd/m     ED9/sech optic   1     ight colour   White     Required components:   Image: Color of the color of t	LED		
Efficiency 94% Peak intensity 0.7 cd/m LEDS/each optic 1 ight colour White Required components: PUNILEDS LD LUXEON 5050 Round LES WHM 61.0 + 107.0° Efficiency 94% Peak intensity 0.6 cd/m LEDS/each optic 1 ight colour White Required components: POSENT LED Duris E 2835 WHM 61.0 + 107.0° Efficiency 94% Peak intensity 0.6 cd/m LED duris E 2835 WHM 61.0 + 107.0° Efficiency 94% Peak intensity 0.6 cd/m LED duris E 2835 WHM 61.0 + 107.0° Efficiency 94% Peak intensity 0.6 cd/m LED duris E 2835 WHM 61.0 + 107.0° Efficiency 94% Peak intensity 0.6 cd/m LED duris E 2835 WHM 61.0 + 107.0° Efficiency 94% Peak intensity 0.6 cd/m LED durit 1 ight colour White Required components:	FWHM		73'
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CSRAM Definition of the second secon			67°
ED   Duris E 2835     WHM   61.0 + 107.0°     Efficiency   94 %     Peak intensity   0.6 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Image: Component State St	Required componer	ts:	
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EWHM   61.0 + 107.0°     Efficiency   94 %     Peak intensity   0.6 cd/lm     LEDs/each optic   1     .ight colour   White     Required components:   Image: Component of the second of the sec	Opto Semiconductors		
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LEDs/each optic 1 Light colour White Required components: FOUL DC 3030C FWHM 107.0 + 62.0° Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White			3°
Light colour White Required components:	LED	61.0 + 107.0°	9° 9° 9°
Required components:	LED FWHM	61.0 + 107.0° 94 %	94°
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EQUICATION ECONTRECTOR LED SECUL DC 3030C FWHM 107.0 + 62.0° Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White	LED FWHM Efficiency Peak intensity	61.0 + 107.0° 94 % 0.6 cd/lm 1	
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EQUI SEMICONDUCTOR LED SECUL DC 3030C FWHM 107.0 + 62.0° Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White	LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	61.0 + 107.0° 94 % 0.6 cd/lm 1 White	
EQUI SEMICONDUCTOR LED SECUL DC 3030C FWHM 107.0 + 62.0° Efficiency 95 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour White	LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	61.0 + 107.0° 94 % 0.6 cd/lm 1 White	
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FWHM 107.0 + 62.0°   Efficiency 95 %   Peak intensity 0.6 cd/lm   LEDs/each optic 1   Light colour White	LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component	61.0 + 107.0° 94 % 0.6 cd/lm 1 White	
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LEDs/each optic 1 Light colour White	LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required component secul semiconductor LED FWHM	61.0 + 107.0° 94 % 0.6 cd/lm 1 White ts: SEOUL DC 3030C 107.0 + 62.0°	
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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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#### **LEDiL Oy**

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Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where\_to\_buy