

PRODUCT DATASHEET F14468_FLORENCE-1R-Z60

FLORENCE-1R-Z60

~60° + 110° medium beam

SPECIFICATION:

Dimensions	19.5 x 286.0 mm
Height	7.6 mm
Fastening	clips
ROHS compliant	yes 🛈



MATERIALS:

Component FLORENCE-1R-Z60

Туре	
Linear lens	

Material	Colour	Finish
PMMA	clear	

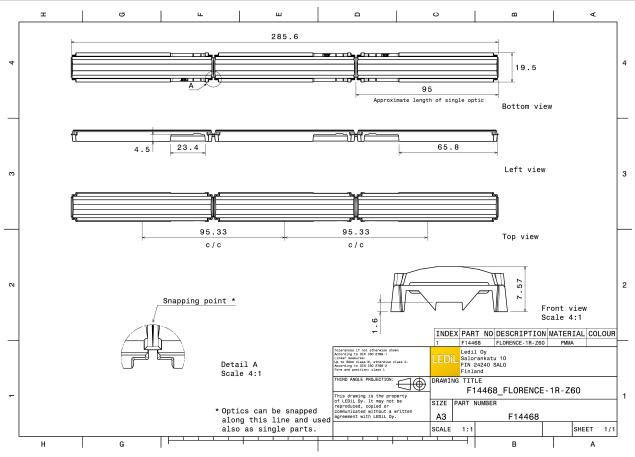
ORDERING INFORMATION:

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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALGD0414-M8W1 58.0 + 121.0° / 99.0 + 153.0° 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALGD0814-M17W1 57.0 + 118.0° / 99.0 + 152.0° 92 % 0.6 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	L0-280024-xxx-C0800-L267 65.0 + 107.0° / 107.0 + 148.0° 93 % 0.5 cd/lm 1 White	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XH-B/G 63.0 + 113.0° / 105.0 + 155.0° 94 % 0.5 cd/lm 1 White ents:	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3014 59.0 + 115.0° / 82.0 + 151.0° 94 % 0.6 cd/lm 1	200 60*
Light colour Required compone	White ents:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3020 55.0 + 117.0° / 96.0 + 151.0° 94 % 0.7 cd/lm 1 White	92* 75* 64* 66* 66* 66* 66* 66* 66* 66
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3030 2D (Round LES) 57.0 + 114.0° / 97.0 + 150.0° 94 % 0.6 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3535 2D 60.0 + 109.0° / 100.0 + 150.0° 94 % 0.6 cd/lm 1 White	



C LUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3535L 59.0 + 110.0° / 99.0 + 149.0° 94 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	MP-2016 58.0 + 115.0° / 82.0 + 157.0° 94 % 0.6 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757D 59.0 + 114.0° / 101.0 + 152.0° 94 % 0.6 cd/lm 1 White	
Required compone	ents:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	93 % 0.6 cd/lm 1 White	



∕∕ NICHI∕		90*90
LED	NFSW757H	
FWHM / FWTM	107.0 + 60.0° / 148.0 + 104.0°	755 755
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 45*
Required compone	nts:	400
C14353_FLORE	NCE-1R-CLIP-A	
		30° 15° 90'
OSRAM Opto Semiconductors		0×* 0×
LED	Duris E5	
FWHM / FWTM	112.0 + 58.0° / 149.0 + 99.0°	751 78
Efficiency	94 %	
Peak intensity	0.6 cd/lm	-50 ⁺
LEDs/each optic	1	
Light colour	White	45+ 400 454
Required compone	nts:	
OSRAM		 13 ³ 0 ³ 13 ³
Opto Semiconductors		90° 90°
LED	Duris S5 (2 chip)	
FWHM / FWTM	58.0 + 114.0° / 100.0 + 154.0°	
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
1		600
		 20° 15 ¹ 0° 15° 30°
PHILIF	PS	50° 15° 30° 19° 15° 90°
	Fortimo LED Line 1ft HF 1R HV5	90° 15° 30°
		90° 23° 23° 29° 90° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
LED	Fortimo LED Line 1ft HF 1R HV5	
LED FWHM / FWTM	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0° 97 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0° 97 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0° 97 % 0.6 cd/lm 1 White nts:	200 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0° 97 % 0.6 cd/lm 1 White	200 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0° 97 % 0.6 cd/lm 1 White nts:	200 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Fortimo LED Line 1ft HF 1R HV5 112.0 + 58.0° / 151.0 + 101.0° 97 % 0.6 cd/lm 1 White nts:	200 60 ⁴



PHILIP	S	
LED FWHM / FWTM	Fortimo LED Line 1ft MF 1R HV5 & LV5 112.0 + 59.0° / 151.0 + 100.0°	173* By*
Efficiency	97 %	
Peak intensity	0.6 cd/lm	504 504
LEDs/each optic	1	
Light colour	White	
Required compone		40 40
	ENCE-1R-CLIP-A	
011000_12014		20 ¹⁶ 22 ³ 0 ⁴ 13 ³ 30
SAMS	JNG	30° 30°
LED	LM28xB Series	
FWHM / FWTM	111.0 + 59.0° / 150.0 + 101.0°	255
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	Per 100
LEDs/each optic	1	
Light colour	White	45* / 440
Required compone	ents:	
C14409_FLORE	ENCE-1R-CLIP-B	
		 20 ¹⁴ 20 ³ 0 ⁴ 10 ³ 20
SAMSI	JNG	90* 90*
LED	LM28xB Series	
FWHM / FWTM	57.0 + 113.0° / 98.0 + 150.0°	75
Efficiency	94 %	50 ⁴
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 440 45
Required compone	nts:	
SAMSI	JNG	90°
LED	LM301A	
FWHM / FWTM	56.0 + 113.0° / 98.0 + 151.0°	724
Efficiency	94 %	200
Peak intensity	0.6 cd/lm	eo* /
LEDs/each optic	1	
Light colour	White	es ⁺ / / / / / / / / / / / / / / / / / / /
Required compone	ents:	80
		30° 15° 0° 15° 30



SVWSI	JNG	90* 90
LED	LM302A	
FWHM / FWTM	59.0 + 111.0° / 99.0 + 151.0°	
Efficiency	94 %	. 45
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	
		190° 129' 00' 239' 30'
S ΛΜSI	JNG	
LED	LM561B	
FWHM / FWTM	59.0 + 111.0° / 100.0 + 151.0°	78
Efficiency	94 %	
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
<u> </u>		30° 12° 0 ⁴ 12° 30°
SAMSU	JNG	50° 50°
LED	LM561B Plus	
FWHM / FWTM	117.0 + 58.0° / 151.0 + 100.0°	
Efficiency	94 %	
	94 % 0.6 cd/lm	er and the second se
Efficiency Peak intensity LEDs/each optic		۵۵۰ (۵۶۵ (۵۶۵ (۵۶۵ (۵۶۵ (۵۶۵ (۵۶۵ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵ ۲۰۰۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (۵۶۶ (
Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White	50° 200 .60° - 400 - 60
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White Ints:	50° (0° (0° (0° (0° (0° (0° (0° (0° (0° (
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White Ints:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone	0.6 cd/lm 1 White Ints:	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE	0.6 cd/lm 1 White Ints: ENCE-1R-CLIP-A	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE	0.6 cd/lm 1 White Ints: ENCE-1R-CLIP-A	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE	0.6 cd/lm 1 White Ints: ENCE-1R-CLIP-A UNG LM561C	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE	0.6 cd/lm 1 White INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0°	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE	0.6 cd/lm 1 White ints: INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0° 94 %	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE SAMSI LED FWHM / FWTM Efficiency Peak intensity	0.6 cd/lm 1 White INCE-1R-CLIP-A UN561C 56.0 + 113.0° / 98.0 + 149.0° 94 % 0.6 cd/lm	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.6 cd/lm 1 White INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0° 94 % 0.6 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0° 94 % 0.6 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	0.6 cd/lm 1 White INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0° 94 % 0.6 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0° 94 % 0.6 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	0.6 cd/lm 1 White INCE-1R-CLIP-A UNG LM561C 56.0 + 113.0° / 98.0 + 149.0° 94 % 0.6 cd/lm 1 White	



SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LT-S282N 56.0 + 112.0° / 99.0 + 149.0° 94 % 0.6 cd/lm 1 White	
seoul senconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm 1 White ents:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORI	SEOUL DC 3030 115.0 + 55.0° / 150.0 + 98.0° 94 % 0.6 cd/lm 1 White ents: ENCE-1R-CLIP-A	



OPTICAL RESULTS (SIMULATED):

UMILE	DS	90* 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 2835 Line 59.0 + 107.0° / 86.0 + 146.0° 94 % 0.7 cd/lm 1 White	
	DS	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	LUXEON 5050 Round LES 61.0 + 107.0° / 103.0 + 146.0° 94 % 0.6 cd/lm 1 White	
OSRAM		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components	Duris E 2835 61.0 + 107.0° / 95.0 + 147.0° 94 % 0.6 cd/lm 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C14593_FLORENC		



OPTICAL RESULTS (SIMULATED):

0	S	R	Δ	Μ
-	-			

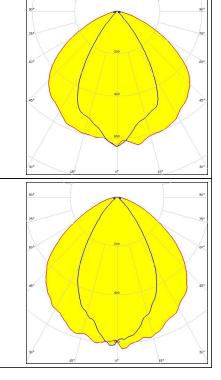
LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:

OSCONIQ C 2424 112.0 + 61.0° / 146.0 + 83.0° 96 % 0.6 cd/lm 1 White

SEOUL

scour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:

SEOUL DC 3030C 107.0 + 62.0° / 147.0 + 94.0° 95 % 0.6 cd/lm 1 White





PRODUCT DATASHEET F14468_FLORENCE-1R-Z60

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:

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