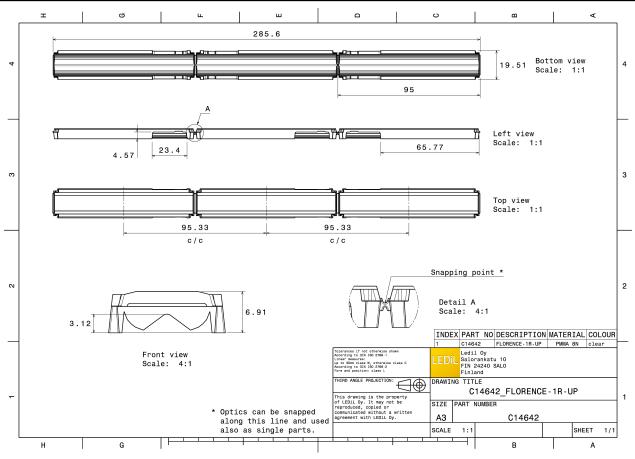


PRODUCT DATASHEET C14642_FLORENCE-1R-UP

FLORENCE-1R-UP					1777 M
Asymmetric beam for uplighting	g				
SPECIFICATION:					
Dimensions Height Fastening ROHS compliant	285.6 x 19.5 mm 6.9 mm clips yes 1	LEDiĽ			
Component FLORENCE-1R-UP	Type Linear lens	Material PMMA		Colour Hear	Finish
ORDERING INFORMATION:					
Component C14642_FLORENCE-1R-UP » Box size: 480 x 280 x 300 mm		Qty in box 210	MOQ 45	MPQ 15	Box weight (kg) 8.2



PRODUCT DATASHEET C14642_FLORENCE-1R-UP



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



aled		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	CALGD0414-M8W1 Asymmetric 90 % 0.4 cd/lm 1	30 ³ 25 ⁴ 200 200 60 ⁴ 60 ⁴
Light colour	White	47 - 30 - 45 ⁺
Required componer		
		20 ³ 22 ³ 6 ⁴ 12 ³ 20 ³
aled		90 ⁺
LED	CALGD0814-M17W1	
FWHM / FWTM	Asymmetric	75° 75°
Efficiency	90 %	
Peak intensity	0.4 cd/lm	605 607
LEDs/each optic	1	
Light colour	White	45° 300 45°
Required componer	nts:	
		400
		\times / \times
		500
		135 ⁵ 0 ⁶ 15° ⁵⁵
CEZ	5	90° 90°
LED	L0-280024-xxx-C0800-L267	
FWHM / FWTM		
	Asymmetric	
Efficiency	Asymmetric 90 %	20 ⁻
		20° ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Efficiency Peak intensity LEDs/each optic	90 %	20° ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Efficiency Peak intensity LEDs/each optic Light colour	90 % 0.3 cd/lm 1 White	50 50 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴
Efficiency Peak intensity LEDs/each optic	90 % 0.3 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour	90 % 0.3 cd/lm 1 White	
Efficiency Peak intensity LEDs/each optic Light colour Required componer	90 % 0.3 cd/lm 1 White hts:	
Efficiency Peak intensity LEDs/each optic Light colour Required componer	90 % 0.3 cd/lm 1 White hts: XH-B/G	
Efficiency Peak intensity LEDs/each optic Light colour Required componer	90 % 0.3 cd/lm 1 White hts: XH-B/G Asymmetric	
Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE LED FWHM / FWTM Efficiency	90 % 0.3 cd/lm 1 White hts: XH-B/G Asymmetric 89 %	
Efficiency Peak intensity LEDs/each optic Light colour Required componer Equired componer LED FWHM / FWTM Efficiency Peak intensity	90 % 0.3 cd/m 1 White hts: XH-B/G Asymmetric 89 % 0.3 cd/m	
Efficiency Peak intensity LEDs/each optic Light colour Required componer EED EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	90 % 0.3 cd/m 1 White hts: XH-B/G Asymmetric 89 % 0.3 cd/lm 1	
Efficiency Peak intensity LEDs/each optic Light colour Required componer CREE ED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90 % 0.3 cd/m 1 White Mite XH-B/G Asymmetric 89 % 0.3 cd/m 1 White	23 60 ⁴ 60 ⁴
Efficiency Peak intensity LEDs/each optic Light colour Required componer EED EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	90 % 0.3 cd/m 1 White Mite XH-B/G Asymmetric 89 % 0.3 cd/m 1 White	23 60 ⁴ 60 ⁴



LEDS	XP-E	96* 90*
FWHM / FWTM	Asymmetric	73.6
Efficiency	90 %	
	0.3 cd/lm	50 ⁴ 60*
Peak intensity		
LEDs/each optic	1	
Light colour	White	45° 300 45°
Required componer	ils.	
		30* 15 ³ 0 ⁶ 15 ⁴ 30 ⁴
		90* 90*
LED	XP-G2	73°
FWHM / FWTM	Asymmetric	200
Efficiency	90 %	504 604
Peak intensity	0.3 cd/lm	200
LEDs/each optic	1	
Light colour	White	45° 300 45*
Required componer	its:	\times
		400
		\times
		30* <u>500</u> 30* 30*
	EDS	
		90* 90*
LED	LUXEON 3014	 30 ⁴ 0 ¹⁰
LED FWHM / FWTM	LUXEON 3014 Asymmetric	 200 90°
LED FWHM / FWTM Efficiency	LUXEON 3014 Asymmetric 92 %	200
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 3014 Asymmetric 92 % 0.4 cd/m	90 ⁴ 90 ⁵ 77 ⁵ 200 90 ⁵ 60 ⁴ 200 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1	6 ¹⁴ 20 6 ¹⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White	200 900 774 300 604 200 604 604 400 407
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White	6 ¹⁴ 20 6 ¹⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White	6 ¹⁴ 20 6 ¹⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White	6 ¹⁴ 20 6 ¹⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White	6 ¹⁴ 20 6 ¹⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White its:	60 ⁴ 20 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White tts:	60 ⁴ 20 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White tts:	60 ⁴ 20 60 ⁴ 60 ⁴ 60 ⁴ 60 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White tts: EDS LUXEON 3020 Asymmetric	200 60% 40% 40% 40% 40% 40% 40% 40% 4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White hts: EDS LUXEON 3020 Asymmetric 92 %	200 60% 40% 40% 40% 40% 40% 40% 40% 4
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White tts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White hts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer Equired componer Equired componer Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White hts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White hts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer Equired componer Equired componer Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White hts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer Required componer Equired componer Equired componer Required componer	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White hts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm 1 White	



ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3030 2D (Round LES) Asymmetric 90 % 0.4 cd/lm 1 White	20°- 20°-
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3535L Asymmetric 92 % 0.3 cd/lm 1 White	90* 90* 90* 90* 100 100 100 100 100 100 100 1
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON Rebel Asymmetric 91 % 0.3 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON Rebel ES Asymmetric 91 % 0.3 cd/lm 1 White	



ØNICHI	(90* 90*
LED	NCSxx19B		
FWHM / FWTM	Asymmetric		75°
Efficiency	90 %		
Peak intensity	0.3 cd/lm		50 ⁴ 60 ⁴
LEDs/each optic	1		
Light colour	White		40° 40°
Required compone	nts:		
			\times / \times
			760 34
			30 00 30 15 ⁵ 0 ⁶ 10 ⁶
Ø NICHI∧	κ.		90* 90*
LED	NF2x757G		
FWHM / FWTM	Asymmetric		73% 200 75%
Efficiency	90 %		
Peak intensity	0.3 cd/lm		60°
LEDs/each optic	1		
Light colour	White		45" 300 67"
Required compone	nts:		
			400
			\times / / \times
			30* 500 11* 31*
LED	NFSW757H		90* 90*
FWHM / FWTM			750 750
Efficiency	Asymmetric 92 %		
Peak intensity	92 /% 0.3 cd/lm		604
LEDs/each optic	1		200
Light colour	White		45°
Required compone			30
C14353_FLORE			
			440
OCDAN			<u>155</u> <u>00</u> 15* <u>30*</u>
OSRAM Opto Semiconductors			90*
LED	Duris S5 (2 chip)		
FWHM / FWTM	Asymmetric	and the second se	750 700 700
Efficiency	91 %		
Peak intensity	0.3 cd/lm		50° 200 60°
LEDs/each optic	1		
Light colour	White		45* 310 45*
Required compone	nts:		X X
			40
			30° 500 20°
1			15 ⁵ 0 ⁶ 15 ⁴



OSRAM Opto Semiconductors		84	90*
LED	OSLON SSL 80		
FWHM / FWTM	Asymmetric	75%	75.
Efficiency	92 %		
Peak intensity	0.5 cd/lm		60*
LEDs/each optic	1		\mathbf{V}
Light colour	White		1 45+
Required compone		40	/
		500	
		00	
		130° 25 ⁵ 0° 25°	30*
PHILI	S	8*	90*
LED	Fortimo LED Line 1ft 2000lm 1R HV4		
FWHM / FWTM	Asymmetric	731	75°
Efficiency	92 %		~/
Peak intensity	0.3 cd/lm		60*
LEDs/each optic	1		K
Light colour	White	67	45*
Required compone		30	
	ENCE-1R-CLIP-A		
		440	
		30° 500 15° 15°	30°
PHILIP	S	89*	90*
LED	Fortimo LED Line 1ft HF 1R HV5		
FWHM / FWTM	Asymmetric		75
Efficiency	94 %		
Peak intensity	0.4 cd/lm		60*
LEDs/each optic	1		K
Light colour	White	67 300	45'
Required compone	ents:	\times	
C14353_FLORE	ENCE-1R-CLIP-A	40	
		20	305
		12 ³ 0 ⁴ 13 ⁴	_
PHILI	' 5	8*	90'
LED	Fortimo LED Line 1ft MF 1R HV5 & LV5		
FWHM / FWTM	Asymmetric		75
Efficiency	94 %		X
Peak intensity	0.4 cd/lm		\ •••
LEDs/each optic	1		K
Light colour	White	57 30	45
Required compone		\times	
C14353_FLORE	ENCE-1R-CLIP-A	40	
		30* 500	30*
		<u>45</u> ⁵ 0 ⁶ 25°	



รлмรเ		
		80*
	LM28xB Series	70
FWHM / FWTM	Asymmetric	
Efficiency	92 % 0.4 cd/lm	
Peak intensity		
LEDs/each optic	1 White	
Light colour Required compone		
Required compone		
		-30* 15 ³ Q ³ 15 ⁴
<u> </u> S M S I	JNG	
LED	LM301A	
FWHM / FWTM	Asymmetric	20
Efficiency	90 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	57 300
Required compone		
		40
		50
		10 ⁰ 10 ⁰ 10 ⁰
SAMSU	JNG	
LED	LM561C	
FWHM / FWTM	Asymmetric	28
Efficiency	91 %	
Peak intensity	0.4 cd/lm	
LEDs/each optic	1	
Light colour	White	61 30
Required compone	nts:	
		**
		30* 15 ³ q ⁴ 15*
<u> </u> S M S I 		
		89.
	LT-S282N	
FWHM / FWTM	Asymmetric	
Efficiency	92 %	
Peak intensity	0.5 cd/lm	
LEDs/each optic Light colour	1 White	
Required compone		6° 30
required compone	1113.	
		500



SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SEOUL 3030 Asymmetric 91 % 0.3 cd/lm 1 White nts:	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14353_FLORE		



OPTICAL RESULTS (SIMULATED):

		90* 90*
LED	J Series 3030	
FWHM / FWTM	Asymmetric	75°
Efficiency	89 %	
Peak intensity	0.3 cd/lm	60*
LEDs/each optic	1	
Light colour	White	
Required components:		
		400
		30* 200 15 ³ 0 ⁶ 15* 30*
)S	90*
LED	LUXEON CSP HL1	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	89 %	
Peak intensity	0.4 cd/lm	50° 50°
LEDs/each optic	1	
Light colour	White	45* 3% 45*
Required components:		\times
		400
		30* 15 ⁵ 0 ⁶ 15* 30*
MICHIΛ		
		90* 90*
LED	NF2W585AR-P8	90° 90°
LED FWHM / FWTM	NF2W585AR-P8 Asymmetric	8° 8° 7° 7° 7°
FWHM / FWTM	NF2W585AR-P8 Asymmetric 91 %	97 98 395 500 791
FWHM / FWTM Efficiency	Asymmetric	92 92 794 100 604 604
FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 %	5°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.3 cd/lm	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.3 cd/lm 1	5° 500 5° 500 6° 6° 6° 500
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.3 cd/lm 1	0° 0° 3° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.3 cd/lm 1	0° 0° 3° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6° 6°
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.3 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A	30 40 40 15 ¹ 0 ² 15 ¹ 38 ²
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 %	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 % 0.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 % 0.4 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 % 0.4 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 91 % 0.3 cd/lm 1 White NFSWE11A Asymmetric 86 % 0.4 cd/lm 1	



OPTICAL RESULTS (SIMULATED):

OSRAM		
Opto Semiconductors	Duris E 2835	
FWHM / FWTM	Asymmetric	75* 75*
Efficiency	88 %	100
Peak intensity	0.3 cd/lm	60° () 60×
LEDs/each optic	1	200
Light colour	White	
Required components:	white	30
required components.		\times / \setminus \times
		400
		\times / \setminus \times
		30° 15° 0° 15° 30°
OSRAM		
Opto Semiconductors	OSCONIQ C 2424	50° 907
FWHM / FWTM		73 100 73*
Efficiency	Asymmetric 92 %	
Peak intensity	0.3 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	×
Required components:	Wille	45*
Required components.		
		\times \times
		200
		30* 15 ⁴ 0* 15* 30*
OSRAM		
Opto Semiconductors		90* 90*
LED	OSLON Square CSSRM2/CSSRM3	750 751
FWHM / FWTM	Asymmetric	
Efficiency	87 %	604 604
Peak intensity	0.3 cd/lm	20
LEDs/each optic	1 Red	
Light colour Required components:	Reu	-d5*
Required components.		
		400
		30 ⁴ 15 ⁵ 0 ⁶ 15 ⁴ 30 ⁴
SAMSUN		
	10	
		<u>90*</u> 90*
LED	LM561B Plus	24 B ²
LED FWHM / FWTM	LM561B Plus Asymmetric	B1
LED FWHM / FWTM Efficiency	LM561B Plus Asymmetric 88 %	80°
LED FWHM / FWTM Efficiency Peak intensity	LM561B Plus Asymmetric 88 % 0.3 cd/lm	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM561B Plus Asymmetric 88 % 0.3 cd/lm 1	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM561B Plus Asymmetric 88 % 0.3 cd/lm	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LM561B Plus Asymmetric 88 % 0.3 cd/lm 1	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM561B Plus Asymmetric 88 % 0.3 cd/lm 1	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM561B Plus Asymmetric 88 % 0.3 cd/lm 1	er
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LM561B Plus Asymmetric 88 % 0.3 cd/lm 1	er



OPTICAL RESULTS (SIMULATED):

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

SEOUL DC 3030C Asymmetric 88 % 0.3 cd/lm 1 White

