

PRODUCT DATASHEET C14642_FLORENCE-1R-UP

FLORENCE-1R-UP

Asymmetric beam for uplighting

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	6.9 mm
Fastening	clips
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

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

Material	Colour	Finish
PMMA	clear	

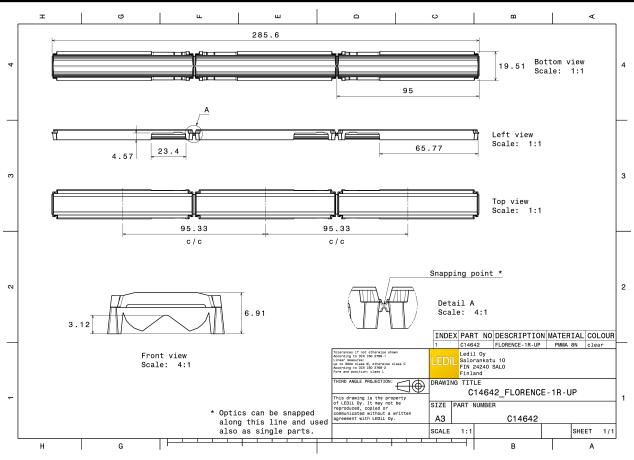
ORDERING INFORMATION:

Component C14642_FLORENCE-1R-UP » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
210	45	15	8.2



PRODUCT DATASHEET C14642_FLORENCE-1R-UP



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 Asymmetric 90 % 0.4 cd/lm 1 White nts:	50° 50° 50° 50° 50° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	CALGD0814-M17W1 Asymmetric 90 % 0.4 cd/lm 1 White nts:	6 ¹ , 20 6 ¹ , 20 6 ¹ , 20 6 ¹ , 20 6 ¹ , 6 ¹ ,
	5 L0-280024-xxx-C0800-L267	40 50 50 50 50 50 50 50 50 50 50 50 50 50
EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 90 % 0.3 cd/lm 1 White	20 6° 6° 6°
CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XH-B/G Asymmetric 89 % 0.3 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°



			T
LED	XP-E	»·	90*
FWHM / FWTM	Asymmetric	751	70
Efficiency	90 %		
Peak intensity	0.3 cd/lm	504	60*
LEDs/each optic	1		
Light colour	White	45' 300	~
Required compone			V."
		400	
		\times / \wedge	
		540	
		130° 125 ³ 0° 125°	30*
		8)*	90'
LED	XP-G2		
FWHM / FWTM	Asymmetric	75*	78
Efficiency	90 %		60
Peak intensity	0.3 cd/lm		
LEDs/each optic	1		
Light colour	White	42+ 340	45
Required compone	nts:		
		440	
		\times	
		500	30*
		10 A A A A A A A A A A A A A A A A A A A	
	EDS	···· 35, 9, 75,	
		<u>25³</u> <u>6³</u> <u>15⁴</u>	90
LED	LUXEON 3014		90
LED FWHM / FWTM	LUXEON 3014 Asymmetric	200 200 200 200 200 200 200 200 200 200	90
LED FWHM / FWTM Efficiency	LUXEON 3014 Asymmetric 92 %		90
LED FWHM / FWTM Efficiency Peak intensity	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm		00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1		60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White		99 97 60 63
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White		6
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White		99 99 99 99 99 99 99 99 99 99 99 99 99
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White		5
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		e e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		e e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts: EDS LUXEON 3020 Asymmetric		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts: EDS LUXEON 3020 Asymmetric 92 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts: EDS LUXEON 3020 Asymmetric		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Multiple Equired compone Efficiency Peak intensity LEDs/each optic	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts: EDS LUXEON 3020 Asymmetric 92 % 0.4 cd/lm 1		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Weak intensity	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Composition Required compone Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON 3014 Asymmetric 92 % 0.4 cd/lm 1 White nts:		65



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	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON 3535L Asymmetric 92 % 0.3 cd/lm 1 White	
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		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NCSxx19B Asymmetric 90 % 0.3 cd/lm 1 White	
ØNICHI		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	NF2x757G Asymmetric 90 % 0.3 cd/lm 1 White	
		20 ⁴ 25 ³ 0 ⁶ 15 ⁴ 30 ⁴
		90* 90*
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14353_FLORE		55° 300 55° 66° 67° 57° 300 55°
		30° 500 30°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	Duris S5 (2 chip) Asymmetric 91 % 0.3 cd/lm 1 White hts:	



OSRAM Opto Semiconductors		
LED	OSLON SSL 80	
FWHM / FWTM	Asymmetric	73%
Efficiency	92 %	
Peak intensity	0.5 cd/lm	\$0 ⁴ 200 601
LEDs/each optic	1	
Light colour	White	45*
Required compone		400
		20
		500
		90° 30° 30° 30°
PHILIF	S	90* 90*
LED	Fortimo LED Line 1ft 2000lm 1R HV4	
FWHM / FWTM	Asymmetric	73%
Efficiency	92 %	
Peak intensity	0.3 cd/lm	60° (60°
LEDs/each optic	1	
Light colour	White	6° 6°
Required compone	ints:	
C14353_FLORE	NCE-1R-CLIP-A	
		\times / \times /
		13 ⁵ 0 ⁶ 15 ⁶
SAMSI	JNG	90° 90°
LED	LM28xB Series	
FWHM / FWTM	Asymmetric	250 70
Efficiency	92 %	
Peak intensity	0.4 cd/lm	60*
LEDs/each optic	1	
Light colour	White	45* 30 45*
Required compone	ints:	\times / \times
		30* 200
0.0.0.0	1110	13 ² 0 ⁰ 10 ²
SAMSI	JNG	90* 90*
LED	LM301A	
FWHM / FWTM	Asymmetric	30072*
Efficiency	90 %	
Peak intensity	0.4 cd/lm	er* / er.
LEDs/each optic	1	
Light colour	White	45* 300 45*
Required compone	ints:	
		40
		30*
		15 ⁵ 0 ⁶ 15 ⁶



SAMSU	ING			E-F-I
			90*	90
	LM561C		730	
FWHM / FWTM	Asymmetric		100	
Efficiency	91 %		.60*	
Peak intensity	0.4 cd/lm			\times \times
LEDs/each optic	1			
Light colour	White		45* 300	-
Required compone	nts.		400	
			\times / I	
			500	
			30° 15 ⁵ 0°	15* 30'
S ΛΜSι	JNG		90*	
LED	LT-S282N			
FWHM / FWTM	Asymmetric		750 100	70
Efficiency	92 %			
Peak intensity	0.5 cd/lm		504 200	60'
LEDs/each optic	1			
Light colour	White		45* 300	45'
Required compone	nts:		\times	
			400	
			\times	
			500	
			15 ⁵ 0°	15* 30*
SEOUL SEMICONDUCTOR			90*	90"
SEOUL SEMICONDUCTOR	SEOUL 3030		90*	
	SEOUL 3030 Asymmetric		90* 23 ⁶ 200	90
SEOUL SEMICONDUCTOR			90° 30°	25
seoul semiconductor LED FWHM / FWTM	Asymmetric		8°-	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 91 %		81* 201 81* 200	2
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.3 cd/lm		8° 10° 60° 6° 200	20
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	
scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	6
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White		804 200	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White nts:		804 200	
stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030		50°	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric		50°	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seoul semiconductor LED FWHM / FWTM	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric 92 %		50°	
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seour semiconductor LED FWHM / FWTM Efficiency Peak intensity	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric 92 % 0.4 cd/lm		50°	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric 92 % 0.4 cd/lm 1 White		50°	
seour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric 92 % 0.4 cd/lm 1 White		50°	
seour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seour semiconbuctor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric 92 % 0.4 cd/lm 1 White nts:		50°	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Asymmetric 91 % 0.3 cd/lm 1 White nts: SEOUL DC 3030 Asymmetric 92 % 0.4 cd/lm 1 White nts:		50°	



PHOTOMETRIC DATA (SIMULATED):

|--|

LEDJ Series 3030FWHM / FWTMAsymmetricEfficiency89 %Peak intensity0.3 cd/lmLEDs/each optic1Light colourWhiteRequired components:1

ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NF2W585AR-P8 84.0 + 138.0° / 153.0 + 169.0° 91 % 0.3 cd/lm 1 White	20 ⁴ 20
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris E 2835 Asymmetric 88 % 0.3 cd/lm 1 White	50° 500 60° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ C 2424 103.0 + 133.0° / 158.0 + 159.0° 92 % 0.3 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		50°
LED	OSLON Square CSSRM2/CSSRM3	
FWHM / FWTM	Asymmetric	73°
Efficiency	87 %	
Peak intensity	0.3 cd/lm	
LEDs/each optic	1	200
Light colour	Red	45* 65*
Required components:		30 40 20 ² 13 ² 30 ²
SEQUE SEQUE SEMICONDUCTOR		90° 90°
LED	SEOUL DC 3030C	
FWHM / FWTM	Asymmetric	73.0 77.0
FWHM / FWTM Efficiency	Asymmetric 88 %	270 772 772 772
Efficiency	88 %	
Efficiency Peak intensity	88 % 0.3 cd/lm	



PRODUCT DATASHEET C14642_FLORENCE-1R-UP

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:

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