

FLORENTINA-HLD-W

~40° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
ROHS compliant	yes 🛈

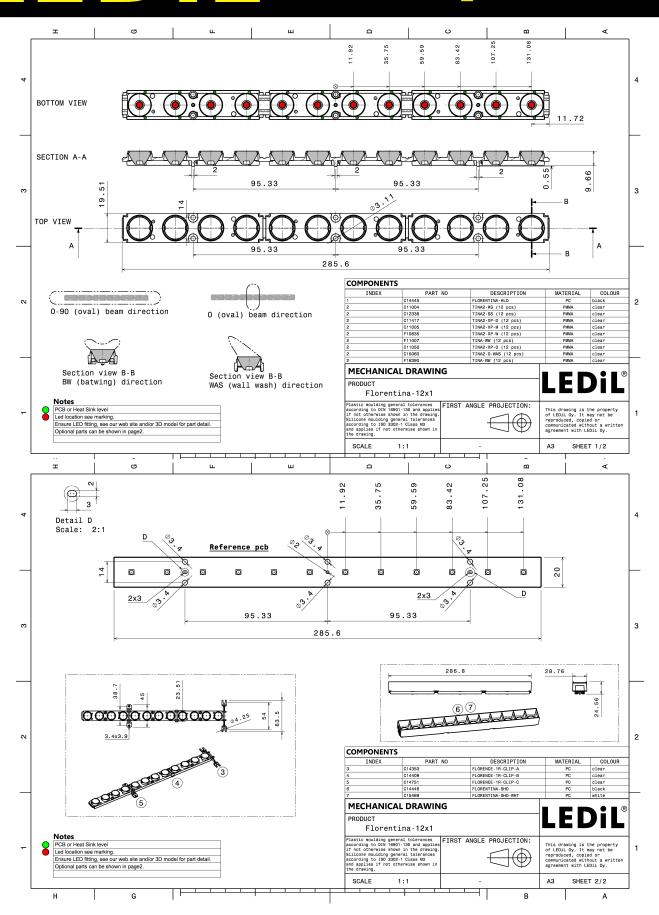


MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
TINA-XP-W	Single lens	PMMA	clear	
FLORENTINA-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP14997_FLORENTINA-HLD-W	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					



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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 C14446_FLORE	NTINA-SHD	
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	XP-E2 42.0° / 66.0° 84 % 1.8 cd/lm 1 White nts:	30, 12, 0, 15, 36, 30, 120 120 0, 0, 60, 00 0, 0, 0, 32, 400 15, 15, 15, 35, 400 15, 15, 15, 36, 5, 5, 15, 15,
CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	XP-G3 47.0° / 67.0° 79 % 1.4 cd/lm 1 White nts:	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	LUXEON Rebel ES 43.0° / 67.0° 81 % 1.6 cd/lm 1 White nts:	



	EDS	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	LUXEON Rebel Plus 33.0° / 61.0° 83 % 2.2 cd/lm 1 White nts:	
	EDS	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	LUXEON TX 41.0° / 66.0° 82 % 1.7 cd/lm 1 White nts:	
	EDS	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	LUXEON Z ES 33.0° / 60.0° 84 % 2.3 cd/lm 1 White nts:	
ØNICHI	L	50' 50'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	NCSxE17A 26.0° / 52.0° 81 % 3 cd/lm 1 White nts:	



ØNICHI		90* 	90*
LED	NF2x757G	73*	75.
FWHM / FWTM	36.0° / 60.0°		
Efficiency	84 %		60.
Peak intensity	2 cd/lm		
LEDs/each optic	1		
Light colour	White	a,	63.
Required compone			
C14446_FLORE	NTINA-SHD		
		30. 30.	00 30 30
ØNICHI		99*	90*
LED	NVSxx19B/NVSxx19C		\wedge
FWHM / FWTM	48.0° / 69.0°	73	
Efficiency	79 %		400
Peak intensity	1.4 cd/lm	69.0	60*
LEDs/each optic	1		
Light colour	White	27ª	890
Required component			
C14446_FLORE			\wedge $/$ \times
		sec. /	344
		15%	0 ⁶ 15 ⁶
OSRAM			
Opto Semiconductors		90*	90*
Opto Semiconductors	OSLON Square EC	90 ⁴ 792	90°
opto Semiconductors LED FWHM / FWTM	46.0° / 69.0°	30* 72*	400 90 ⁻
opto Semiconductors LED FWHM / FWTM Efficiency	46.0° / 69.0° 80 %	90° 735 691	400 907 907
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	46.0° / 69.0° 80 % 1.5 cd/lm	99 ⁴ 197 197	50 60 92
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	46.0° / 69.0° 80 % 1.5 cd/lm 1	90 ⁴ 30 94	400 000 000 000 000 000 000 000 000 000
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	46.0° / 69.0° 80 % 1.5 cd/lm 1 White	30 ⁴ 72 54 54	200 - 200 -
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts:	50° 72° 60°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts:	50° 72' 60° 4°	400 500 500 500 500
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts:		400 - 520 - 520 - 60 - 520 - 60 - 520 - 60 - 60 - 60 - 60 - 60 - 60 - 60 - 6
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts:		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts:		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: :NTINA-SHD		ifso 15°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componel C14446_FLORE	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: :NTINA-SHD		150 150
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C14446_FLORE OSRAM Opto Semiconductors LED FWHM / FWTM	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: :NTINA-SHD		150 150
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C14446_FLORE OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: NTINA-SHD OSLON SSL 150 33.0° / 62.0° 85 %		150 150
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C14446_FLORE OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: NTINA-SHD OSLON SSL 150 33.0° / 62.0°		150 150
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C14446_FLORE Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 33.0° / 62.0° 85 % 2.1 cd/lm		ifso 15°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C14446_FLORE Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 33.0° / 62.0° 85 % 2.1 cd/lm 1 White		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component C14446_FLORE OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 33.0° / 62.0° 85 % 2.1 cd/lm 1 White		15°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 33.0° / 62.0° 85 % 2.1 cd/lm 1 White		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	46.0° / 69.0° 80 % 1.5 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 33.0° / 62.0° 85 % 2.1 cd/lm 1 White		



OSRAM		90°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE		200 200 200 200 200 200 200 200
OSRAM Opto Semiconductors		50° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE		25 26 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20
SAMSL	ING	90° 90°
LED	LH351B	
FWHM / FWTM	52.0° / 72.0°	75
Efficiency	82 %	60 ⁴ 400
Peak intensity	1.3 cd/lm	
LEDs/each optic Light colour	1 White	g ⁴
Required componen C14446_FLORE	its:	20°
		50* 50*
LED	TL1L4	
FWHM / FWTM	42.0° / 66.0°	73* 75*
Efficiency	82 %	60°
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	a [*]
Light colour	White	
Required componen C14446_FLORE		



PHOTOMETRIC DATA (SIMULATED):

CREE ≑		90° 90°
LED	XP-G2 HE	
FWHM / FWTM	46.0° / 66.0°	73*
Efficiency	90 %	
Peak intensity	1.6 cd/lm	60°
LEDs/each optic	1	
Light colour	White	ger
Required components:		
C14446_FLORENTIN	IA-SHD	
		No. No.
		15° 0° 15°
ΜΝΙCΗΙΛ		90° 90°
LED	NVSxE21A	75
FWHM / FWTM	34.0° / 57.0°	
Efficiency	94 %	60° 60°
Peak intensity	2.9 cd/lm	$f \times / I \to X$
LEDs/each optic	1	
Light colour	White	
Required components:		
C14446_FLORENTIN	IA-SHD	200
		30°
		15°
MICHIΛ		90° 90°
LED	NVSxE21A	75*
FWHM / FWTM	30.0° / 54.0°	
Efficiency	94 %	60° 60°
Peak intensity	3.3 cd/lm	
LEDs/each optic	1	
Light colour	White	a, at
Required components:		2430
		3200
		30" 30
MICHIΛ		50° 50°
		75.
LED	NWSx229A	
FWHM / FWTM	53.0° / 73.0°	60° 60°
Efficiency	82 %	
LEDs/each optic	1	
Light colour	White	a. de
Required components:		· · · · · · · · · · · · · · · · · · ·
C14446_FLORENTIN	IA-SHD	
		30° 30° 30°
		10.7 1094 15*



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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LEDiL Oy

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