

FLORENTINA-HLD-D

~18° diffused spot beam

SPECIFICATION:

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



MATERIALS:

Component TINA2-XP-D FLORENTINA-HLD

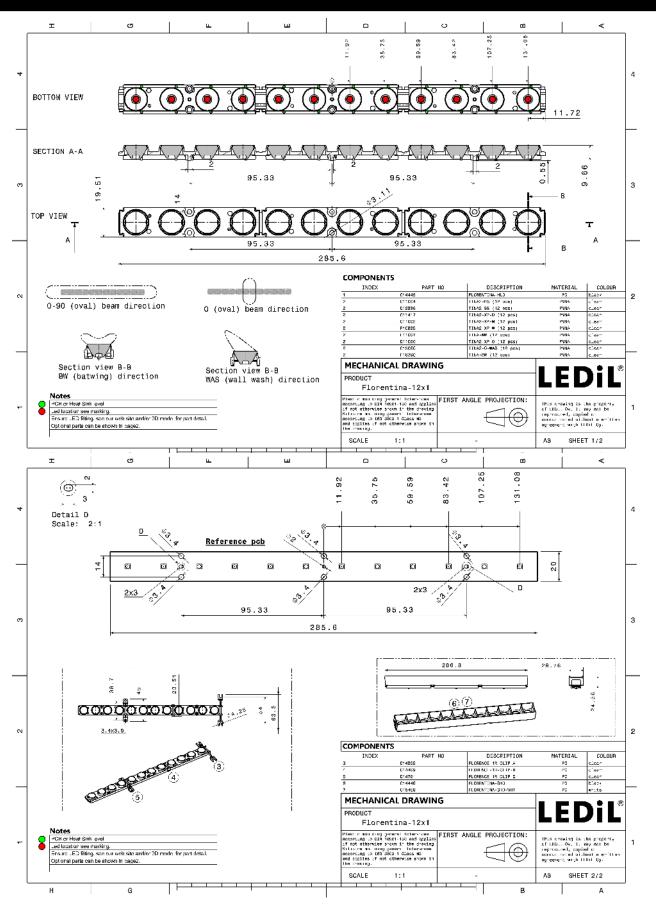
Type Single lens Holder

Material	Colour	Finish
PMMA	clear	
PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14996_FLORENTINA-HLD-D	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					

PRODUCT DATASHEET CP14996_FLORENTINA-HLD-D



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



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE	NTINA-SHD	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE	XP-E2 13.0° / 30.0° 84 % 9.6 cd/lm 1 White tts:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE	XP-G2 17.0° / 37.0° 82 % 6.2 cd/lm 1 White tts:	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen C14446_FLORE	XP-G3 19.0° / 42.0° 81 % 4.7 cd/lm 1 White tts:	



	EDC .	
		a
LED	LUXEON Rebel ES	
FWHM / FWTM	18.0° / 39.0°	
Efficiency	81 %	en / 100 / 100 / 100
Peak intensity	5.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14446_FLORE	NTINA-SHD	
OLUMIL	EDS	
LED	LUXEON Rebel Plus	
FWHM / FWTM	15.0° / 33.0°	
Efficiency	82 %	
Peak intensity	7.5 cd/lm	
LEDs/each optic	1	$(X / I_{1}) \times X$
Light colour	White	
Required compone	nts:	
C14446_FLORE		
-		
	EDS	
LED	LUXEON TX	
FWHM / FWTM	17.0° / 37.0°	
Efficiency	82 %	
Peak intensity	6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14446_FLORE		
-		
	EDS	e.v.
LED	LUXEON Z ES	
FWHM / FWTM	15.0° / 31.0°	
Efficiency	82 %	
Peak intensity	8.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
Required compone C14446_FLORE		A mit A



MNICHIA					
LED	NCSxx19B				
FWHM / FWTM	15.0° / 34.0°				VANT.
Efficiency	79 %			~ 11	MANN.
Peak intensity	6.9 cd/lm			$\langle N \rangle$	
LEDs/each optic	1		100		
Light colour	White		1000	9 N /	
Required compone				a free from the second	
C14446_FLORE				NO PI	
				× / 1	
ØNICHI					/
				407	<u>،</u>
LED	NVSxx19B/NVSxx19C				1 1-0
FWHM / FWTM	19.0° / 40.0°				
Efficiency	78 %			\times / \mathbb{P}	
Peak intensity	4.9 cd/lm			~ 10	
LEDs/each optic	1			~ 1	
Light colour	White				· / / *
Required compone					
C14446_FLORE	NTINA-SHD				IN X
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				y	
OSRAM				1 (1	and the second s
Opto Semiconductors				• (A
Opto Semiconductors LED	OSLON Square EC				
Opto Semiconductors	OSLON Square EC 17.0° / 37.0°			#**	
Opto Semiconductors				10 19 19	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	17.0° / 37.0°			57 16 17 17	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	17.0° / 37.0° 80 % 6.1 cd/lm 1				
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	17.0° / 37.0° 80 % 6.1 cd/lm 1 White				
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts:				
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts:				
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Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts:				
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE OSERAM Opto Semiconductors	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts:				
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Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE OSERAM Opto Semiconductors LED	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: NTINA-SHD				
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE Opto Semiconductors LED FWHM / FWTM	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: NTINA-SHD OSLON SSL 150 14.0° / 30.0°				
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE Opto Semiconductors LED FWHM / FWTM Efficiency	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: NTINA-SHD OSLON SSL 150 14.0° / 30.0° 80 %			25 57 58 58 58 58 58 58 58 58 58 58 58 58 58	
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Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 14.0° / 30.0° 80 % 8.6 cd/lm 1 White			25 57 58 58 58 58 58 58 58 58 58 58 58 58 58	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 14.0° / 30.0° 80 % 8.6 cd/lm 1 White nts:			25 57 58 58 58 58 58 58 58 58 58 58 58 58 58	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 14.0° / 30.0° 80 % 8.6 cd/lm 1 White nts:			25 57 58 58 58 58 58 58 58 58 58 58 58 58 58	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	17.0° / 37.0° 80 % 6.1 cd/lm 1 White nts: INTINA-SHD OSLON SSL 150 14.0° / 30.0° 80 % 8.6 cd/lm 1 White nts:				



OSRAM		
Opto Semiconductors		s.*
LED	OSLON SSL 150	72
FWHM / FWTM	14.0° / 31.0°	
Efficiency	84 %	er / / / / / / / / / / / / / / / / / / /
Peak intensity	8.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
OSRAM Opto Semiconductors		
LED FWHM / FWTM	OSLON SSL 80 15.0° / 34.0°	
Efficiency	82 %	
Peak intensity	7.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14446_FLOR		\times \wedge \times
		\times / \vee \times
SAMS	ING	1." (A. 1997)
LED	LH351B	
FWHM / FWTM	20.0° / 41.0°	
Efficiency	82 %	
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	e / / / *
Required compone		
C14446_FLORE		
TOSHIBA		
Leading Innovation 33		a.~
LED	TL1L4	
FWHM / FWTM	18.0° / 39.0°	
Efficiency	80 %	15 (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (19
Peak intensity	5.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14446_FLORE	ENTINA-SHD	
		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



OPTICAL RESULTS (SIMULATED):

		a.7
LED	J Series 3030	
FWHM / FWTM	16.0° / 34.0°	15 100
Efficiency	91 %	
Peak intensity	7.5 cd/lm	
LEDs/each optic	1	X / / X
Light colour	White	
Required components:		
LED	J Series 3030	
FWHM / FWTM	16.0° / 34.0°	
Efficiency	88 %	
Peak intensity	7.5 cd/lm	
LEDs/each optic	1	$X / T \land X$
Light colour	White	
Required components:		NATIV
C14446_FLORENTI	NA-SHD	NUX
WNICHIA		a
LED	NCSxE17A	
FWHM / FWTM	15.0° / 29.0°	
Efficiency	82 %	et and the second se
Peak intensity	12 cd/lm	
LEDs/each optic	1	
Light colour		
	White	15 No. 10
Required components:		e de la companya de
Required components: C14446_FLORENTI		at the set of the set
C14446_FLORENTI		
	NA-SHD	
	NA-SHD NVSxE21A	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0°	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0° 82 % 10 cd/lm 1	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0° 82 % 10 cd/lm	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0° 82 % 10 cd/lm 1 White	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0° 82 % 10 cd/lm 1 White	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0° 82 % 10 cd/lm 1 White	
C14446_FLORENTIN	NA-SHD NVSxE21A 16.0° / 32.0° 82 % 10 cd/lm 1 White	



OPTICAL RESULTS (SIMULATED):

ØNICHIA		
LED	NWSx229A	
FWHM / FWTM	24.0° / 44.0°	
Efficiency	86 %	
Peak intensity	3.9 cd/lm	
LEDs/each optic	1	
Light colour	White	4
Required components	s:	
C14446_FLOREN	TINA-SHD	
		14 S 14



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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