

FLORENTINA-HLD-M

~30° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions Height Fastening

ROHS compliant

285.6 x 19.5 mm 9.5 mm screw yes ⁽¹⁾

MATERIAL SPECIFICATIONS:

Component TINA2-XP-M FLORENTINA-HLD

Type Single lens Holder



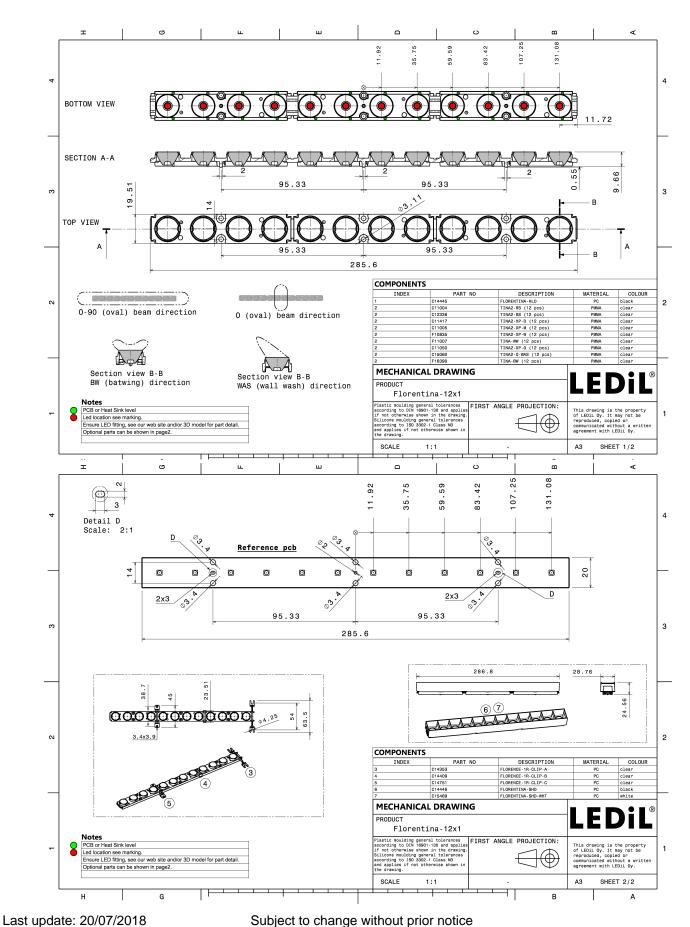
Material	Colour	Finish
PMMA	clear	
PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14994_FLORENTINA-HLD-M	Single lens	160	32	16	5.2

» Box size: 398 x 298 x 140 mm

PRODUCT DATASHEET CP14994_FLORENTINA-HLD-M



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LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	White nents:	200 21 21 20 20 20 20 20 20 20 20 20 20
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	XP-E2 29.0° 81 % 3.3 cd/lm 1 White nents:	200 0, 0, 0, 0, 0, 0, 0, 0, 0,
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	XP-G2 29.0° 82 % 2.9 cd/lm 1 White nents:	34, 11, 66 12, 94 34, 12, 10, 12, 14 30, 10, 14 30,
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	XP-G3 29.0° 77 % 2.5 cd/lm 1 White nents:	34, 32, 00, 32, 34, 34, 34, 34, 34, 34, 34, 34, 34, 34



LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	H35C1 (LEMWA33) 28.0° 79 % 2.8 cd/lm 1 White nents:	20°
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	LUXEON Rebel ES 28.0° 78 % 2.8 cd/lm 1 White tents:	30 30 40 50 50 50 50 50 50 50 50 50 5
ED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	LUXEON Rebel Plus 26.0° 80 % 3.3 cd/lm 1 White tents:	200 200 200 200 200 200 200 200 200 200
LUMIL LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	LUXEON TX 28.0° 79 % 3 cd/lm 1 White tents:	200 200 200 200 200 200 200 200



EUMILI LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C14446_FLOR	LUXEON Z ES 26.0° 81 % 3.5 cd/lm 1 White tents:	20 50 50 61 200 60, 620 200 60, 64 200 60, 65 200 20, 64 200 60, 700 200 60, 70 200 20, 70 200 20, 70 200 20, 70 200 20, 70 200 20, 70 200 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20, 70 20, 20,
ETAIL CONTRACT OF CONTRACTO OF CONTRACTO OF CONTRACT.	NCSxE17A 27.0° 77 % 3 cd/lm 1 White nents:	91 92 93 96 90 90 90 90 90 90 90 90 90 90
WNCHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C14446_FLOR	NCSxx19B 28.0° 79 % 2.9 cd/lm 1 White eents:	
WNICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon C14446_FLOR	NF2x757G 29.0° 77 % 2.6 cd/lm 1 White eents:	21, 23, 6, 23, 21, 20, 6, 20, 6, 700 6, 700 6, 700 6, 700 6, 700 6, 700 6, 700 700 700 700 700 700 700 700



XICHIA LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	NVSxx19B/NVSxx19C 29.0° 77 % 2.6 cd/lm 1 White ents:	30° 30° 50° 50° 50° 50° 50° 50° 50° 5
OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	White ents:	
Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor C14446_FLOR	White ents:	20 20 20 20 20 20 20 20 20 20
Osram Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	White	30° 30° 40° 40° 40° 500 500 500 500 500 500 500 5



OSRAM Opto Semiconductors			90 ⁴
LED	OSLON SSL 150		25*
FWHM	28.0°		
Efficiency	80 %		60° 60°
Peak intensity	3.3 cd/lm		
LEDs/each optic			
Light colour	White		g
Required compor			
C14446_FLOR	ENTINA-SHD		
			1200
			26°
OSRAM Opto Semiconductors			90*
LED	OSLON SSL 80		
FWHM	26.0°		73. 73.
Efficiency	76 %		60°
Peak intensity	2.9 cd/lm		$f \times / H \wedge X \cap$
LEDs/each optic			1600
Light colour	White		
Required compor			
C14446_FLOR	ENTINA-SHD		200
			30° 31° 31°
SAMSU	ING		90* 90*
LED	LH351B	and the second se	
FWHM	28.0°		
Efficiency	79 %		
Peak intensity	2.8 cd/lm		
LEDs/each optic			
Light colour	White		gr
Required compor	ents:		
C14446_FLOR	ENTINA-SHD		
			30° 13° 0° 35° 35°
TOSHIBA			90* 90*
Leading Innovation >>> LED	TL1L4		
FWHM	27.0°		75*
Efficiency	76 %		
Peak intensity	2.8 cd/lm		
LEDs/each optic			
Light colour	White		eg* 1600 65*
Required compor	ents:		
C14446_FLOR			200
			344 344
			45% 0° ±5?



PHOTOMETRIC DATA (SIMULATED):

-	C		
N			

 LED
 NWSx229A

 FWHM
 30.0°

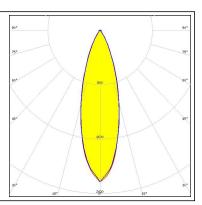
 Efficiency
 82 %

 Peak intensity
 2.3 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 C14446_FLORENTINA-SHD





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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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