

FLORENTINA-HLD-RS

~10° real spot beam

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

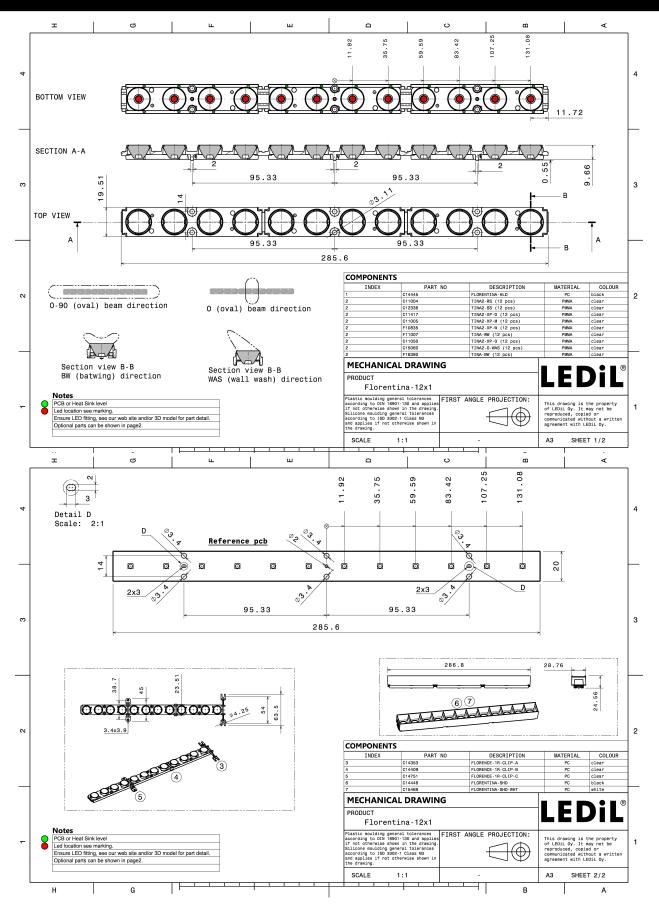
Component TINA2-RS FLORENTINA-HLD **Type** Single lens Holder

Material	Colour	Finish
PMMA	clear	
PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14866_FLORENTINA-HLD-RS	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					

PRODUCT DATASHEET CP14866_FLORENTINA-HLD-RS



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



XP-E2 11.0° / 21.0° 84 % 16.7 cd/lm 1 White nts:	
3	
XP-G2 15.0° / 28.0° 86 % 9.5 cd/lm 1 White nts:	
INTINA-SHD	30' 20' 25' 31'
	30° 50° 30°
	18.0° / 35.0° 84 % 6.1 cd/lm 1 White ents: ENTINA-SHD XP-E2 11.0° / 21.0° 84 % 16.7 cd/lm 1 White ents: ENTINA-SHD XP-G2 15.0° / 28.0° 86 % 9.5 cd/lm 1 White ents:



	.EDS	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORI	LUXEON Rebel ES 16.0° / 32.0° 82 % 7.8 cd/lm 1 White ents:	
	.EDS	201 A
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORI		
	EDS	
LED FWHM / FWTM Efficiency	LUXEON TX 15.0° / 30.0° 83 %	
LEDs/each optic Light colour Required compone	1 White ents: ENTINA-SHD	



ØNICHI∕	N Contraction of the second seco	90 ⁴ 90
LED	NCSxx19B	
FWHM / FWTM	13.0° / 28.0°	75 25
Efficiency	80 %	
Peak intensity	10.3 cd/lm	
LEDs/each optic	1	
Light colour	White	er
Required compone		
C14446_FLORE		
		204
ØNICHI∕		90 ⁴
LED	NVSxx19B/NVSxx19C	75
FWHM / FWTM	16.0° / 34.0°	
Efficiency	79 %	
Peak intensity	6.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
C14446_FLORE	ENTINA-SHD	
		800
		30"
OSDAM		
OSRAM Opto Semiconductors		
OSRAM Opto Semiconductors LED	OSLON Square EC	
Opto Semiconductors	OSLON Square EC 15.0° / 28.0°	
Opto Semiconductors		
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	15.0° / 28.0°	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	15.0° / 28.0° 81 %	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 28.0° 81 % 9 cd/lm 1 White	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	20 ⁴ 20 ⁴ 20 ⁴ 20 ⁴ 20 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE	15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	20 ⁴ 20 ⁴ 20 ⁴ 20 ⁴ 20 ⁴
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE OSRAM Opto Semiconductors LED	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE Opto Semiconductors LED FWHM / FWTM Efficiency	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0°	
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	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0° 81 %	
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	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0° 81 % 9 cd/lm	
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	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0° 81 % 9 cd/lm 1 White	
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 Required compone	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone C14446_FLORE OSSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	
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 Required compone	15.0° / 28.0° 81 % 9 cd/lm 1 White ents: ENTINA-SHD OSLON Square EC 15.0° / 28.0° 81 % 9 cd/lm 1 White ents:	



OSRAM Opto Semiconductors		90° A 90°
LED	OSLON SSL 150	
FWHM / FWTM	11.0° / 22.0°	* X And X 7
Efficiency	84 %	60°
Peak intensity	15.6 cd/lm	6430
LEDs/each optic	1	
Light colour	White	et / 19600 / et
Required compone	ents:	
		30° 13000 30°
OSRAM Opto Semiconductors		90° A 90°
LED	OSLON SSL 150	
FWHM / FWTM	11.0° / 21.0°	
Efficiency	82 %	60* 60*
Peak intensity	17.6 cd/lm	
LEDs/each optic	1	
Light colour	White	e
Required compone		12800
C14446_FLORI	ENTINA-SHD	
		30° 35° 35°
OSRAM Opto Semiconductors		90° A 90°
LED	OSLON SSL 80	
FWHM / FWTM	15.0° / 28.0°	25.
Efficiency	82 %	60 ⁴ 2200 60 ⁴
Peak intensity	9.8 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 450
Required compone		
C14446_FLORI	ENTINA-SHD	
		30° 30°
SAMS	JNG	90° A 90°
LED	LH351B	
FWHM / FWTM	18.0° / 33.0°	25* 25*
Efficiency	84 %	
Peak intensity	6.8 cd/lm	$(\land \land$
LEDs/each optic	1	
Light colour	White	g
Required compone		
C14446_FLORI	ENTINA-SHD	\times / \square / \times
		6430
		342



TOSHIBA Leading Innovation >>>			50*	90*
LED	TL1L4		75*	A
FWHM / FWTM	16.0° / 33.0°		1600	$K \times 7$
Efficiency	82 %		60*	
Peak intensity	7.7 cd/lm		Г \	H
LEDs/each optic	1			
Light colour	White		4500	43*
Required compone	ents:			
C14446_FLORE	ENTINA-SHD		6430	
			\times / 1	$ \setminus X$
			30*	300
			15° 0°	12,



PHOTOMETRIC DATA (SIMULATED):

r		
		90° 90'
LED	J Series 3030	
FWHM / FWTM	16.0° / 32.0°	75
Efficiency	88 %	
Peak intensity	8.4 cd/im	50° 500
LEDs/each optic	1	
	' White	
Light colour Required components:	white	$r \times / \cdots \times r$
C14446_FLORENTIN		6430
C14440_FLORENTI		
		30 ⁴ 15 ⁹ 0 ⁶ 3 ⁵⁰
		90° A 90
LED	J Series 3030	
FWHM / FWTM	16.0° / 32.0°	75
Efficiency	91 %	
Peak intensity	8.2 cd/lm	60° 60
LEDs/each optic	1	
Light colour	White	
Required components:	White	X / X
		5430
		30° 12° 36
		90° 90
LED	XB-D White	
ED FWHM / FWTM		75
	12.0° / 26.0° 90 %	
Efficiency		60° 60
Peak intensity	13.3 cd/lm	6430
LEDs/each optic	1	
Light colour		
	White	
Required components:	White	gr
Required components:	White	2 · · · · · · · · · · · · · · · · · · ·
Required components:	White	
Required components:	White	200 00 120 120 120 120 120 120 120 120 1
Required components:	White	94 95 95 95 95 95 95 95 95 95 95
		200 - 200 - X
	XD16	90 ² 20 ² 0 ² 10 ² 0 ²
LED FWHM / FWTM	XD16 12.0° / 24.0°	90 ⁴ 200 90 ⁴ 200 90 ⁴ 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency	XD16 12.0° / 24.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity	XD16 12.0° / 24.0° 89 % 13.1 cd/lm	200 - 200 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XD16 12.0° / 24.0° 89 % 13.1 cd/lm 1	94 99 207 00 99 95 00 99 95 00 99 95 00 99 96 00 90 96 00 90 90 90 90 90 90 90 90 90 90 90 90 90 9
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XD16 12.0° / 24.0° 89 % 13.1 cd/lm	94 99 207 00 99 95 00 99 95 00 99 95 00 99 96 00 90 96 00 90 90 90 90 90 90 90 90 90 90 90 90 90 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XD16 12.0° / 24.0° 89 % 13.1 cd/lm 1	94 99 207 00 99 95 00 99 95 00 99 95 00 99 96 00 90 96 00 90 90 90 90 90 90 90 90 90 90 90 90 90 9
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XD16 12.0° / 24.0° 89 % 13.1 cd/lm 1	94 ⁴ 20 ⁵ 20 ⁵ 2
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XD16 12.0° / 24.0° 89 % 13.1 cd/lm 1	94 ⁴ 20 ⁵ 20 ⁵ 2
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XD16 12.0° / 24.0° 89 % 13.1 cd/lm 1	



PHOTOMETRIC DATA (SIMULATED):

Μ ΝΙCΗΙΛ		2000
LED	NCSxE17A	L000)
FWHM / FWTM	11.0° / 22.0°	1600
Efficiency	88 %	1400)
Peak intensity	22.4 cd/lm	1999
LEDs/each optic	1	1000
Light colour	White	· · · · · · · · · · · · · · · · · · ·
Required components:		
C14446_FLORENTI	IA-SHD	
-		••••
		2000
		-115.6° -112.6° -91.4° -47.4° -46.4° -22.4° -6.4° -22.5° -66.4° -22.5° -91.6° -91.6° -112.3° -116.4°
ΜΝΙCΗΙΛ		90° 90°
N		
	NV(01/4400	73.
LED FWHM / FWTM	NVSU119C 16.0° / 30.0°	
		501 5200
Efficiency	92 %	
LEDs/each optic	1	45
Light colour	UV-A	
Required components:		6430
		$\mathbb{K} / \mathbb{V} \setminus X$
		36° 15° 9690 15° 30°
MICHIA		1999
MICHIΛ		1999
LED	NVSxE21A	
LED FWHM / FWTM	13.0° / 26.0°	1997
LED FWHM / FWTM Efficiency	13.0° / 26.0° 88 %	1100
LED FWHM / FWTM Efficiency Peak intensity	13.0° / 26.0° 88 % 14.7 cd/lm	1100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	13.0° / 26.0° 88 % 14.7 cd/lm 1	1100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 88 % 14.7 cd/lm	100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	13.0° / 26.0° 88 % 14.7 cd/lm 1 White	130 130 130 130 130 130 130 130 130 130 130 130 130 130
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	13.0° / 26.0° 88 % 14.7 cd/lm 1 White	1100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	13.0° / 26.0° 88 % 14.7 cd/lm 1 White	100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	13.0° / 26.0° 88 % 14.7 cd/lm 1 White	1309
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White	100 100 100 1
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White NA-SHD	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White NA-SHD	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White NA-SHD NWSx229A 24.0° / 44.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White NA-SHD NWSx229A 24.0° / 44.0° 86 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White VA-SHD NWSx229A 24.0° / 44.0° 86 % 4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White VA-SHD NWSx229A 24.0° / 44.0° 86 % 4 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White VA-SHD NWSx229A 24.0° / 44.0° 86 % 4 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White VA-SHD NWSx229A 24.0° / 44.0° 86 % 4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White VA-SHD NWSx229A 24.0° / 44.0° 86 % 4 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C14446_FLORENTIN	13.0° / 26.0° 88 % 14.7 cd/lm 1 White VA-SHD NWSx229A 24.0° / 44.0° 86 % 4 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		90*
LED	Z5M1/Z5M2	75
FWHM / FWTM	16.0° / 28.0°	
Efficiency	91 %	2000
Peak intensity	9.9 cd/lm	
LEDs/each optic	1	
Light colour	White	g ¹ 600
Required component	s:	
		24 ¹ 25 ¹ 4 ² 25 ¹



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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for LED Lighting Lenses Assemblies category:

Click to view products by Ledil manufacturer:

Other Similar products are found below :

FCN12592_LE1-D-COP_CA16129_OLGA-W_CA16370_HB-SQ-W_FN15972_RONDA-ZT45-C_CS15759_HB-2X2MX-8-W CA16435_LXP2-SS-WAS_CN16210_GABRIELLA-MIDI-W_CP17137_CARMEN-M2-C_CA16015_STRADA-SQ-SCL_CP17594_TINA-SC-RS_CS15767_HB-2X2MX-8-M_CP10960_RGBX-SS_CP12395_LXP3-W_CP12939_LARISA-RS-CLIP16_C14636_XTM-PF-ADAPTER CA11819_STRADA-SQ-T-DW_CA14508_G2-LXP2-D_CA14601_VERONICA-SQ-MINI-RS_FCP13895_SEANNA-A_CP12943_LARISA-O-CLIP16_FP11124_LISA2-O-PIN_CS14597_HB-IP-2X6-O_CP14995_FLORENTINA-HLD-O_CS15158_STRADA-IP-2X6-T4-B CS16323_STRADELLA-IP-28-HB-M_FN14976_STELLA-DWC2_FN15264_STELLA-HB-WWW_CA15584_ZORYA-MINI-TAPE FA15229_ROSE-MRK-S_FA15232_ROSE-MRK-M_FA15233_ROSE-MRK-W_FCN13552_CRYSTAL-RS_FN15552_RONDA-W FS15626_FLORENCE-3R-IP-Z90_FS15786_FLORENCE-3R-IP-Z60_FS15847_FLORENCE-3R-IP-O_CA14505_G2-LXP2-RS2-P FCN12775_IRIS-O_CP15304_LARISA-RS-PIN_FN15679_RONDA-S_CA15519_VERONICA-SQ-MINI-D_FP14414_LISA2-O-PIN LL01CR-DF60L06-M2_FN15993_RONDA-O_FN15977_RONDA-WAS2_CA14366_FLARE-MAXI-TAPE_CA14442_VERONICA-SQ-W CA14509_G2-LXP2-M-P_CA15231_VERONICA-SQ-MINI-W_FP11002_LISA2-W-PIN