

RONDA-WAS

Asymmetric beam for wall washing with holder A compatible with 3rd party connectors from TE, Bender+Wirth and IDEAL

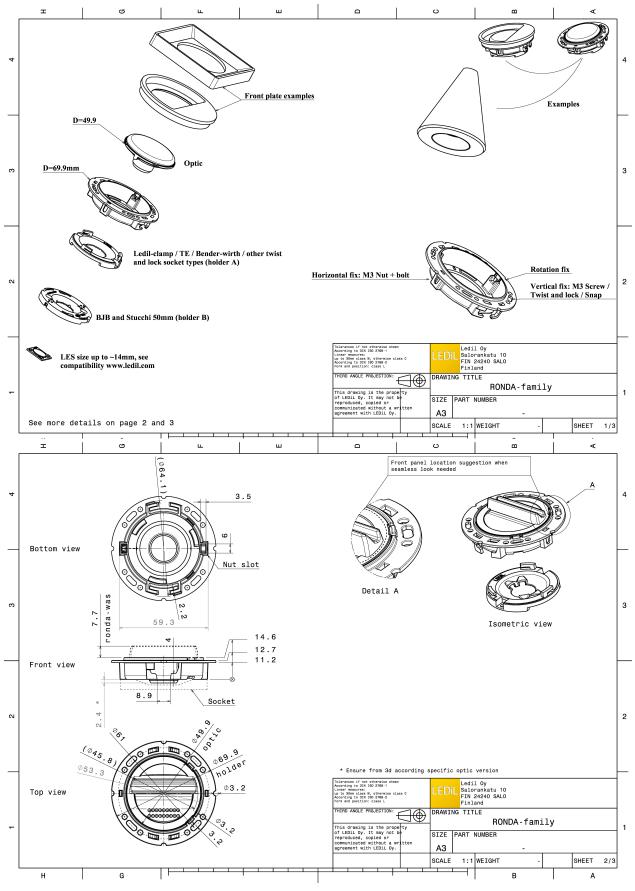
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	21.8 mm
Fastening	socket
Colour	white
Box size	
Box weight	0 kg
Quantity in Box	420 pcs
ROHS compliant	yes 🛈



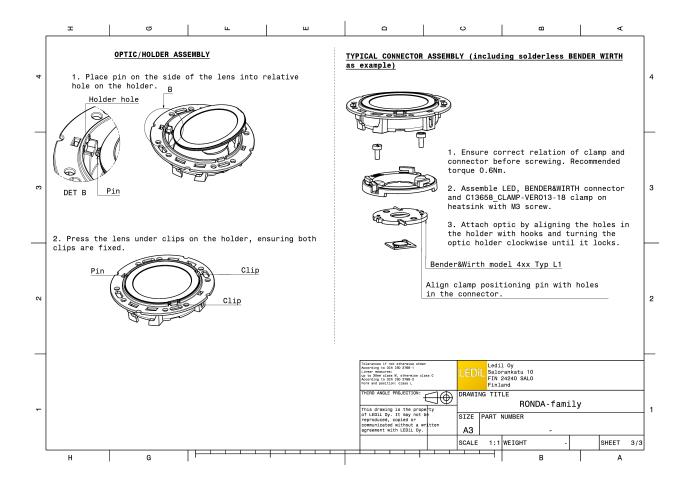
MATERIAL SPECIFICATIONS:

Component RONDA-WAS RONDA-HLD-A **Type** Lens Holder Material PMMA PC Colour clear white



Last update: 25/05/2018 Subject to change without prior notice Publ LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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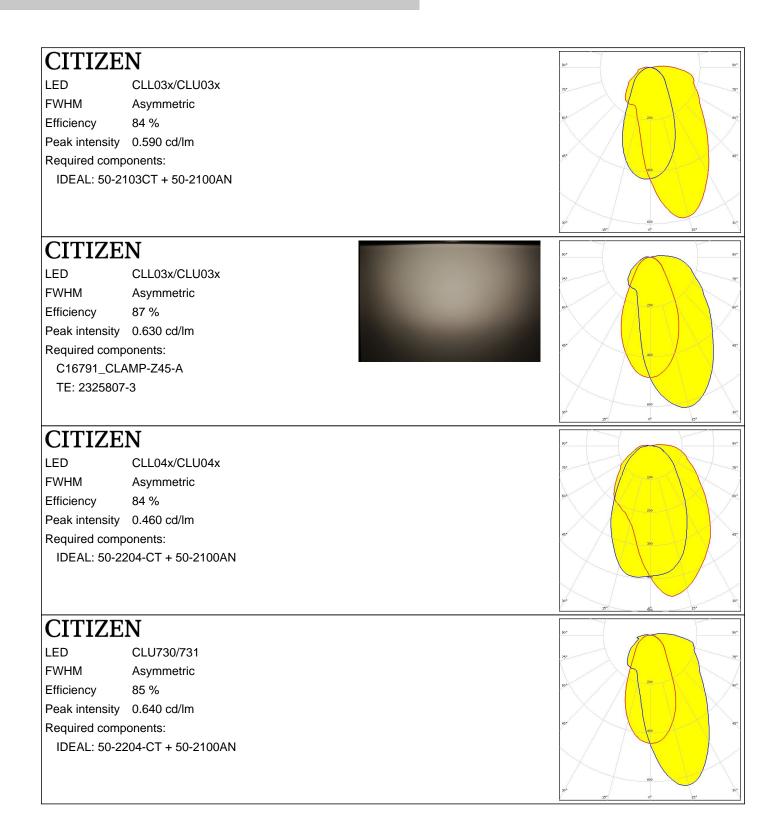


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bridgetux. LED FWHM Efficiency Peak intensity Required comp C13658_CLA Bender Wirth	onents: MP-VERO13-18	
bridgelux.		30 [*]
LED FWHM Efficiency Peak intensity Required comp TE: 2213254		
bridgelux LED FWHM Efficiency Peak intensity Required comp C16402_CLA		
bridgetux. LED FWHM Efficiency Peak intensity Required comp C13658_CLA		







CREE LED FWHM Efficiency Peak intensity Required comp C14123_CL/	CMA1840 Asymmetric 89 % 0.640 cd/lm	20° (0° 27° (0° 60° (0°) 50° (
CREE LED FWHM Efficiency Peak intensity Required comp C14123_CL/	CXA/B 15xx Asymmetric 91 % 0.950 cd/lm	30°
CREE 4 LED FWHM Efficiency Peak intensity Required comp TE: 2213401	CXA/B 1816 & CXA/B 1820 & CXA 1850 Asymmetric 87 % 0.680 cd/lm	200 00 60 60 00 00 00 00 00 00 00
CREE LED FWHM Efficiency Peak intensity Required comp C14123_CL/	CXA/B 1816 & CXA/B 1820 & CXA 1850 Asymmetric 91 % 0.730 cd/lm	



PHOTOMETRIC DATA (MEASURED):

ØNICHI	i de la companya de l	90° 90°
LED	СОВ Ј-Туре	75'
FWHM	Asymmetric	
Efficiency	83 %	50° 60°
Peak intensity	0.570 cd/lm	
Required comp	onents:	49°
IDEAL: 50-21	03NC + 50-2100AN	40
		30* 30*
ØNICHIA	i	80°
LED	COB L-Type (LES 11)	750
FWHM	Asymmetric	200
Efficiency	84 %	607 60*
Peak intensity	0.800 cd/lm	40
Required comp	onents:	52.
IDEAL: 50-21	00NC + 50-2100AN	000
		30* 800 30*
ØNICHIA		90* 90*
LED	COB L-Type (LES 11)	73*
FWHM	Asymmetric	200
Efficiency	87 %	607 607
Peak intensity	0.830 cd/lm	
Required comp	onents:	45*
TE: 2213382	-2 + OPTIC CLIP Z50 TYPE1 2213194-1	00
		30* 30* 30*
OSRAM		90° 90°
LED	PrevaLED Core G7 L15 H1	750
FWHM	Asymmetric	$\left[\right] $
Efficiency	78 %	601 601
Peak intensity	0.550 cd/lm	
Required comp	onents:	\$* G.
C16685_CLA	MP-PRV-A	400
		X / X
		30* 36*

PRODUCT DATASHEET



FWHM Asymmetric Efficiency 85 % Peak intensity 0.660 cd/lm Required components: IDEAL: 50-2103CT + 50-2100AN CORRAM LED Soleriq S13 Gen2 FWHM Asymmetric Efficiency 86 % Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric	OSRAM Opto Semiconductors			50°
Efficiency 85 % Peak intensity 0.660 cd/m Required components: IDEAL: 50-2103CT + 50-2100AN	LED	Soleriq S13 Gen2		75°
Peak intensity 0.660 cd/lm Required components: IDEAL: 50-2103CT + 50-2100AN	FWHM	Asymmetric		
Required components: IDEAL: 50-2103CT + 50-2100AN	Efficiency	85 %		60 ⁴ 200 60 ⁴
IDEAL: 50-2103CT + 50-2100AN	Peak intensity	0.660 cd/lm		
CERCENT LED Soleriq S13 Gen2 FWHM Asymmetric Efficiency 86 % Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 DHILIPS LED LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 TE: OPTIC CLIP Z50 TYPE1 2213194-1 Image: Components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 Image: Components: DELD Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components: Efficiency LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components: Image: Components:	Required comp	onents:		gr (10)
LED Soleriq S13 Gen2 FWHM Asymmetric Efficiency 86 % Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	IDEAL: 50-21	03CT + 50-2100AN		
LED Soleriq S13 Gen2 FWHM Asymmetric Efficiency 86 % Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:				30 ⁴ 15 ⁵ 0 ⁶ 15 ⁵
FWHM Asymmetric Efficiency 86 % Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1	OSRAM Opto Semiconductors			90*
Efficiency 86 % Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	LED	Soleriq S13 Gen2		75*
Peak intensity 0.670 cd/lm Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 TE: OPTIC CLIP Z50 TYPE1 2213194-1	FWHM	Asymmetric		
Required components: TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1 TE: OPTIC CLIP Z50 TYPE1 2213194-1 TE: OPTIC CLIP Z50 TYPE1 2213194-1 TE: OPTIC CLIP Z50 TYPE1 2213194-1	Efficiency	86 %		602 60
TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1	Peak intensity	0.670 cd/lm		
PHILIPS LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS Image: Component State of the state	Required comp	onents:		65° 460 65
LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	TE: 2213254	-2 + OPTIC CLIP Z50 TYPE1 2213194-1		
LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:				eio
LED Fortimo SLM L13 + SLM holder FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:				30° 350 0° 150 36
FWHM Asymmetric Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	PHILIP	S		90° 90°
Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	LED	Fortimo SLM L13 + SLM holder		
Efficiency 83 % Peak intensity 0.640 cd/lm Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1 PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	FWHM	Asymmetric		
Required components: TE: OPTIC CLIP Z50 TYPE1 2213194-1	Efficiency	83 %	1 m	60 ⁻ 60
TE: OPTIC CLIP Z50 TYPE1 2213194-1	Peak intensity	0.640 cd/lm		
PHILIPS LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components: Image: Component state	Required comp	onents:		45* 460 45
LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	TE: OPTIC C	LIP Z50 TYPE1 2213194-1		
LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:				
LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:				30° 50° 30° 30°
LED Fortimo SLM L15 + SLM holder FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components:	PHILIP	S		90* 90
FWHM Asymmetric Efficiency 82 % Peak intensity 0.540 cd/lm Required components: Image: Component (Component)	LED			75
Peak intensity 0.540 cd/lm Required components:	FWHM	Asymmetric		
Required components:	Efficiency			601 60
	Peak intensity	0.540 cd/lm		
TE: OPTIC CLIP Z50 TYPE1 2213194-1	Required comp	onents:		6°
				440



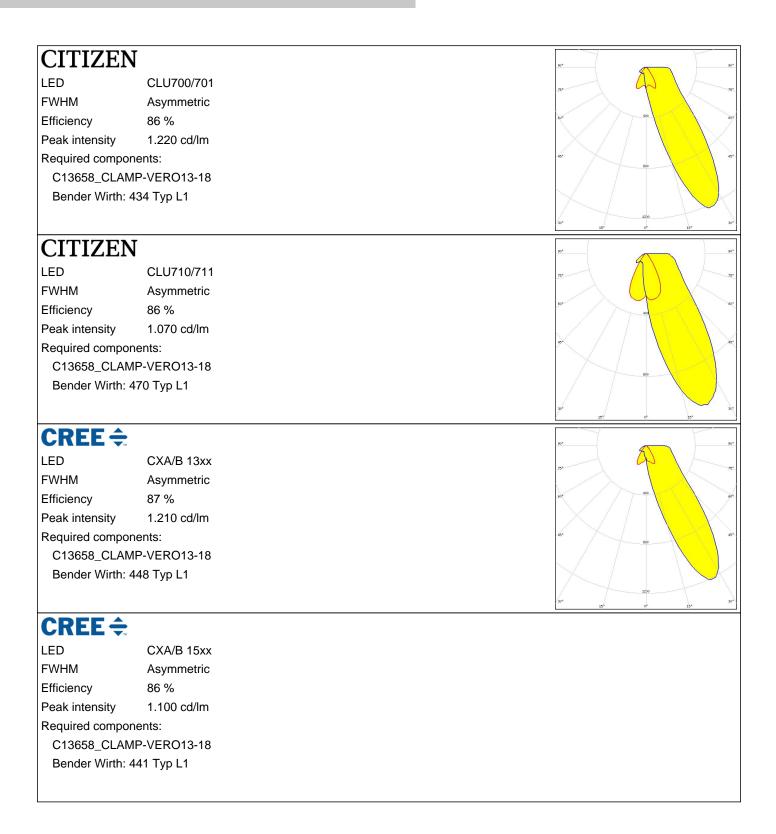
SAMSU	ING	90* 95
LED	LC040C	75
FWHM	Asymmetric	200
Efficiency	88 %	
Peak intensity	0.770 cd/lm	
Required comp		43%
TE: 2213382·	-2 + OPTIC CLIP Z50 TYPE1 2213194-1	
SEOUL		127
	AC Zhago COP	90°
LED FWHM	AC Zhaga COB	78 77
	Asymmetric 86 %	601 601 60
Efficiency Peak intensity		
Required comp		45°
Optosource:		40
optosource.		
		30* 600 35
		90* R
LED	MJT COB LES 14.5	
FWHM	Asymmetric	$\Gamma \land S \land \Lambda$
		60 ⁶
Efficiency	82 %	
Efficiency Peak intensity		
	0.500 cd/lm	
Peak intensity Required comp	0.500 cd/lm	gr
Peak intensity Required comp	0.500 cd/lm onents:	97
Peak intensity Required comp	0.500 cd/lm onents:	
Peak intensity Required comp	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1	
Peak intensity Required comp TE: 2213254	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1	
Peak intensity Required comp TE: 2213254 TE: 2213254	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Peak intensity Required comp TE: 2213254 TE: 2213254 TE: 2213254 TE: 2213254 TE: 2213254 TE: 2213254 TE: 2213254	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1	
Peak intensity Required comp TE: 2213254 LED FWHM Efficiency	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1 ING IONS WU-M-484 Asymmetric 84 %	
Peak intensity Required comp TE: 2213254 LED FWHM Efficiency Peak intensity	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1 ING IONS WU-M-484 Asymmetric 84 % 0.570 cd/lm	
Peak intensity Required comp TE: 2213254 LED FWHM Efficiency Peak intensity Required comp	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1 ING IONS WU-M-484 Asymmetric 84 % 0.570 cd/lm	
Peak intensity Required comp TE: 2213254 LED FWHM Efficiency Peak intensity Required comp	0.500 cd/lm onents: -2 + OPTIC CLIP Z50 TYPE1 2213194-1 ING IONS WU-M-484 Asymmetric 84 % 0.570 cd/lm onents:	



bridgelux.		30*
LED	V10 Gen6	75*
FWHM	Asymmetric	
Efficiency	84 %	60* 60*
Peak intensity	1.050 cd/lm	
Required compone	ents:	
C14123_CLAMF	P-CXA15-18	00
		30° 35° 35° 35°
bridgelux.		90*
LED	V13 Gen7	75
FWHM	Asymmetric	200
Efficiency	89 %	60°
Peak intensity	0.750 cd/lm	
Required compone	ents:	a.
IDEAL: 50-2103	CT + 50-2100AN	
		30-
bridgelux.		90 ⁴
LED	V13 Gen7	75.
FWHM	Asymmetric	200
Efficiency	84 %	60° 60°
Peak intensity	0.740 cd/lm	
Required compone	ents:	er
C13658_CLAMF	P-VERO13-18	
Bender Wirth: 47	77 Typ L1	600
		304 304 304
CITIZEN		90 ⁴ 90 ⁴
LED	CLL02x/CLU02x (LES10)	75* 75*
FWHM	Asymmetric	
Efficiency	86 %	60° 60°
Peak intensity	1.030 cd/lm	
Required compone		er
C13658_CLAMF	P-VERO13-18	
C13658_CLAMF Bender Wirth: 43		
		200

PRODUCT DATASHEET





PRODUCT DATASHEET



PRODUCT DATASHEET

FN15380_RONDA-WAS

PHOTOMETRIC DATA (SIMULATED):

CREE ≑

 LED
 CXA/B 1816 & CXA/B 1820 & CXA 1850

 FWHM
 Asymmetric

 Efficiency
 86 %

 Peak intensity
 0.960 cd/lm

 Required components:
 C13658_CLAMP-VERO13-18

 Bender Wirth: 437 Typ L1
 Example 1820 Merce 182

CREE ≑

LED CXA/B 1816 & CXA/B 1820 & CXA 1850 FWHM Asymmetric Efficiency 86 % Peak intensity 0.900 cd/lm Required components: C14123_CLAMP-CXA15-18

CREE ≑

LEDCXA/B 1816 & CXA/B 1820 & CXA 1850FWHMAsymmetricEfficiency86 %Peak intensity0.960 cd/lmRequired components:
TE: 2213401-2 + OPTIC CLIP Z50 TYPE1 2213194-1

CREE ≑

LED CXA/B 1830 FWHM Asymmetric Efficiency 85 % Peak intensity 0.860 cd/lm Required components: C14123_CLAMP-CXA15-18



LUMILEDS LED LUXEON CoB 1202/1203 FWHM Asymmetric Efficiency 85 % Peak intensity 0.970 cd/lm Required components: TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1 UMILEDS LED LUXEON CoB 1202s FWHM Asymmetric 86 % Efficiency 1.200 cd/lm Peak intensity Required components: C13658_CLAMP-VERO13-18 Bender Wirth: 452 Typ L1 **WNICHIA** LED COB L-Type (LES 9) FWHM Asymmetric Efficiency 85 % Peak intensity 1.130 cd/lm Required components: TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1 **ΜΝΙCΗΙΛ** LED NSCxL036A FWHM Asymmetric 86 % Efficiency Peak intensity 1.170 cd/lm Required components: TE: 2213382-2 + OPTIC CLIP Z50 TYPE1 2213194-1

PRODUCT DATASHEET



OSRAM Opto Semiconductors		
LED	Duris S10	
FWHM	Asymmetric	
Efficiency	86 %	
Peak intensity	1.100 cd/lm	
Required compo	nents:	
	MP-VERO13-18	
OSRAM Opto Semiconductors		80*
LED	Soleriq S13	
FWHM	Asymmetric	
Efficiency	82 %	<u>9</u> 9
Peak intensity	0.750 cd/lm	
Required compo		æ
C14123_CLA		
		50
0000414		455 04 155
OSRAM Opto Semiconductors		H*
LED	Soleriq S9	72
FWHM	Asymmetric	
Efficiency	86 %	
Peak intensity	0.910 cd/lm	
Required compo		65. 000
C13658_CLA	MP-VERO13-18	
Bender Wirth:	434 Typ L1	80
SHA	Sb	9°
LED	Mini Zenigata (GW6BM)	7
FWHM	Asymmetric	
Efficiency	85 %	691
Peak intensity	1.060 cd/lm	
Required compo		
-	MP-VERO13-18	
Bender Wirth:		80
		15° 0° 15°

PRODUCT DATASHEET



PHOTOMETRIC DATA (SIMULATED):

TRIDONIC

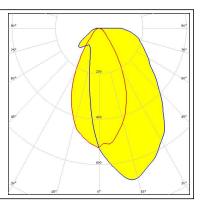
 LED
 SLE G6 LES15

 FWHM
 Asymmetric

 Efficiency
 80 %

 Peak intensity
 0.690 cd/lm

 Required components:
 TE: 2213254-2 + OPTIC CLIP Z50 TYPE1 2213194-1





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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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 0190535300

 0410111300
 0510113303
 0530997
 2710121
 C11004_TINA2-RS
 C12231_LENA-FRESNEL-LENS
 LL01ED-AKY24R49
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 LL01CR-OT32L06-M2
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 LL01CR-CEN38L02
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 LL01A00CZMB2-M2
 LL01ED

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 LL01CR-CNE2545L06-M2
 LL01ZZ-AAA38L49
 LL01ED-AKV36R49
 LL01CR-AYG38R49
 FN15973_RONDA

 REC-60-C
 F16859_LINDA-ZT25
 C14169_LENA-CLEAR-LENS
 C16125_OLGA-W
 PR2N-NX55-AW
 C17410_SPORT-2X2-FT6

 C17409_SPORT-2X2-FT6W
 C17360_SPORT-2X2-FT60
 10003
 10003/15
 10048
 10049
 10108
 CP10960_RGBX-SS
 CP12395_LXP3-W
 10510

 F14487_FLORENCE-1R-MAXI-WG
 C14165_STRADA-2X2-ME-WIDE2
 C14605_HB-2X2-RW
 C14642_FLORENCE-1R-UP
 CA11766_LAURA

 WW
 CA11819_STRADA-SQ-T-DW
 367-8430-0932-503
 S67-8430-0932-503
 S67-8430-0932-503