

LEDiL

Range & precision. Our optics offer both.



LEDiL®

2021 1ST EDITION

As an undisputed leader in the field of LED optics, LEDiL strongly believes in light that is right for increased wellbeing and safety, optimised functionality and improved sustainability with energy efficiency.



LEDiL stands out thanks to its highly-rated technical support service, a global network of sales teams and distributors, as well as superior operational performance and service, creating a great customer experience. Our innovative solutions, extensive standard product portfolio and unlimited custom products based on state of the art design expertise, combined with our global production footprint also make us the first choice for the most demanding applications. We take pride in delivering the most competitive result by ensuring swift development and optimised compatibility in accordance with the latest LED technology and through close collaboration and partnerships with all the leading LED manufacturers.

Let us help you make a difference and reach your goals – with less lumens, less watts, less space, less glare, less discomfort, less energy, and less cost.

For more information, please visit www.ledil.com

USEFUL INFORMATION

You can find product-ordering names together with the latest product information and LED compatibility at:

www.ledil.com/product_search

For your convenience we have included saved search paths under each product family name. This address will take you directly to the family listing on our website.

Find general assembly instructions and other useful information about LEDiL products in our Installation Guide at: www.ledil.com/installation_guide

**WE ARE LEDiL, CREATING
LIGHT THAT IS RIGHT.**

SINGLE LENSES 6

▶ < 10° beam available

AMY	16	▶ IRIS	10	RONDA	20
BILLIE	10	JULIA	12	ROSE	8
▶ CARMEN	22	KIKI	12	SAGA	23
CLAUDIA	31	LARISA	6	▶ SAKURA	18
▶ CRYSTAL	14	▶ LAURA	9	▶ SEANNA	14
DAHLIA	31	▶ LAURA-G2	9	SIRI	12
EMERALD	13	▶ LEIA	13	▶ SURI	8
▶ EMILY	11	▶ LEILA	9	STRADA-S	12
EMMA	12	▶ LEILA-G2	9	TINA	7
EVA	10	▶ LEILA-2X8	9	▶ TITANUM	11
▶ FLARE	14	LISA	6	TWIDDLE	7
▶ GABRIELLA	15	LOTTA	12	VENLA	13
▶ HEIDI	11	MIRA	10	VERONICA	6
HELENA	13	MOLLY	21	WINNIE	22
▶ ILONA	17	▶ OLGA	23	YASMEEN	19
IRENE	10	RGBX	15	ZORYA	23
IRIE	10				

MULTI-LENS ARRAYS 24

ANGIE	25
ANNA	25
CUTE	24
FLORENTINA	27
FLORENTINA-12X1	
FLORENTINA-1	
FLORENTINA-2X2	
FLORENTINA-4X1	
GT3	24
GT4	24
IDA	26
SANDRA	26
SATU	24
TAMPA	25
TUJA	26
VIRPI	26

STREET & AREA LIGHTING 44

JENNY	52
SITARA	49
SPORT-2X2	52
STELLA	53
STRADA	46
STRADELLA	50
TATIANA	49

LINEAR LENSES 28

CLAUDIA	31
DAHLIA	31
DAISY	32
FLORENCE	28
FLORENCE-1R	
FLORENCE-1R-GC	
FLORENCE-3R	
FLORENCE-3R-IP	
LILIAN	32
LINDA	30
LINNEA	33
SHELLY	32
VANESSA	31
VIOLET	31

HIGHBAY LIGHTING 54

HB-2X2	55
HB-2X2MX	55
HB-IP-2X6	55
HB-IP-2X6-G2	55
HB-2X2MXS	55
SITARA-HB	55
VICTORIA	55

REFLECTORS 34

ALISE	34
ANGELA /	
ANGELINA /	
ANGELETTE	40
BARBARA	38
BOOM	41
BRIDGET	41
BROOKE	36
ELISE	34
ELLA	35
LENA / LENINA	39
MINNIE	41
MIRELLA	37
RITA	41

BASEPARTS 42

HEKLA	43
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CUSTOM SOLUTIONS 56

WHERE TO BUY 57

PRODUCT FAMILIES & SUGGESTED APPLICATIONS

(not all product families listed)

PRODUCT FAMILIES & SUGGESTED APPLICATIONS (not all product families listed)		PAGE	INDOOR												OUTDOOR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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ASK FOR COMPATIBILITY

- MID-POWER LEDs

SMD LED
Typical rated
electrical power <1W
- HIGH-POWER LEDs

SMD LED
Typical rated electrical
power 1W-3W
- ULTRA-HIGH-POWER LEDs

SMD LED
Typical rated electrical power
4W-12W
- COB

CHIPS ON BOARD
Integrated arrays on
a ceramic or MCPCB
- CSP

CHIP SCALE PACKAGE LED
Normal mid & high power flip
chips without a package

PRODUCT FAMILIES & SUGGESTED APPLICATIONS

(not all product families listed)

		PAGE	RETAIL & TRACK	DECORATIVE & STAGE	LINEAR	OFFICE	EMERGENCY & SECURITY	WASH LIGHTING	ARCHITECTURAL	RETROFIT	INDUSTRIAL & TECHNICAL	DOWNLIGHT	GENERAL	HORTICULTURAL	STREET LIGHTING	AREA & PARKING LOT	CANOPY	TUNNEL & TRANSPORTATION	FLOOD LIGHT	WASH LIGHTING	ARCHITECTURAL	RETROFIT	SPECIAL
			INDOOR											OUTDOOR									
LISA	6																						
LOTTA	12																						
MINNIE	41																						
MIRA	10																						
MIRELLA	37																						
MOLLY	21																						
OLGA	23																						
RGBX	15																						
RITA	41																						
RONDA	20																						
ROSE	8																						
SAGA	23																						
SAKURA	18																						
SANDRA	26																						
SATU	24																						
SEANNA	14																						
SHELLY	32																						
SIRI	12																						
SITARA	49																						
SPORT-2X2	52																						
STELLA	53																						
STRADA (single)	46																						
STRADA-SQ	46																						
STRADA-2X2	47																						
STRADA-2X2CSP	47																						
STRADA-2X2-5050	48																						
STRADA-IP-2X6	48																						
STRADA-IP-8MX	48																						
STRADA-IP-16MX	48																						
STRADA-2X2MX/MXS	49																						
STRADA-6X1	49																						
STRADELLA (single), -8	50																						
STRADELLA-16	51																						
STRADELLA-IP-16	51																						
STRADELLA-IP-28/64	51																						
SURI	8																						
TAMPA	25																						
TATIANA	49																						
TINA	7																						
TITANUM	11																						
TUIJA	26																						
TWIDDLE	7																						
VANESSA	31																						
VENLA	13																						
VERONICA	6																						
VICTORIA	55																						
VIOLET	31																						
VIRPI	26																						
WINNIE	22																						
YASMEEN	19																						
ZORYA	23																						
ZORYA-MINI	23																						

ASK FOR COMPATIBILITY

- MID-POWER LEDs**
SMD LED
Typical rated electrical power <1W
- HIGH-POWER LEDs**
SMD LED
Typical rated electrical power 1W-3W
- ULTRA-HIGH-POWER LEDs**
SMD LED
Typical rated electrical power 4W-12W
- COB**
CHIPS ON BOARD
Integrated arrays on a ceramic or MCPCB
- CSP**
CHIP SCALE PACKAGE LED
Normal mid & high power flip chips without a package

LARISAwww.ledil.com/larisa

Compatibility: Up to 3535 size LED packages
 Versions with CLIP or PIN mounting available

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
LARISA-RS	real spot	7.5	9.9 x 9.9	19	80	3.7
LARISA-RZ	diffused spot	7.5	9.9 x 9.9	27	77	1.9
LARISA-M	medium	7.5	9.9 x 9.9	32	86	2.2
LARISA-W	wide	7.5	9.9 x 9.9	48	85	1.2
LARISA-WW	extra wide	7.5	9.9 x 9.9	57	84	0.9
LARISA-O	oval	7.5	9.9 x 9.9	40 x 22	81	2.1

LISAwww.ledil.com/lisa

Compatibility: Up to 3535 size LED packages
 Versions with CLIP or PIN mounting available

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
LISA-RS	real spot	7.1	10.8	15	90	3.9
LISA-SS	smooth spot	7.1	10.8	22	86	3.8

LISA2

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
LISA2-RS	RS	≈ 6,8	9,9	19	89	3.1
LISA2-M	M	≈ 6,8	9,9	22	89	2.8
LISA2-O	O	≈ 7	≈ 10	45 x 21	82	2.2
LISA2-O-90	O-90	≈ 6,8	9,9	19 x 48	82	2.2
LISA2-W	W	≈ 6,8	≈ 9,9	34	88	1.8
LISA2-WW	WW	≈ 6,8	≈ 9,9	46	89	1.1
LISA2-WWW	WWW	≈ 6,8	≈ 9,9	80	83	0.4
LISA2-R-PIN	XW	6.6	9.9	80	88	0.4

LISA3 / LISA3CSP

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
-RS	real spot	7	9.9	14	89	9.4
-M	medium	7	9.9	25	89	4.1
-W	wide	7	9.9	35	90	2.7
-WW	extra wide	7	9.9	45	90	1.5
-WWW	extra ² wide	7	9.9	62	89	0.9
-O	oval	7	9.9	16 + 48	84	2.8

VERONICAwww.ledil.com/veronica-family

Compatibility: Up to 7070 size, SQ-MINI optics up to 3535 size packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
VERONICA-RS	real spot	12.2	26	12	90	18.4
VERONICA-O	oval	12.2	26	54 + 11	84	4.2

VERONICA-SQ

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
VERONICA-SQ-RS	real spot	12.2	22.5x22.5	13	89	18.8
VERONICA-SQ-M	medium	12.2	22.5x22.5	30	89	3.1
VERONICA-SQ-W	wide	12.2	22.5x22.5	52	92	1.2
VERONICA-SQ-SE	side emitting	11.4	22.5x22.5	189	91	2.7
VERONICA-SQ-O	oval	12.2	22.5x22.5	56+12	82	3.2

VERONICA-SQ-MINI

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
VERONICA-SQ-MINI-RS	real spot	8,86	13.9x13.9	14	92	11
VERONICA-SQ-MINI-D	diffused spot	8,86	13.9x13.9	15	92	7.3
VERONICA-SQ-MINI-M	medium	8,86	13.9x13.9	34	89	2.4
VERONICA-SQ-MINI-W	wide	8,86	13.9x13.9	56	91	0.9
VERONICA-SQ-MINI-O	oval	8,86	13.9x13.9	15+50	84	3.8



LARISA



LISA-SS



LISA2-R-PIN



LISA3



VERONICA

VERONICA-SQ

VERONICA-SQ-MINI



PATENT PENDING

SOLDER-CLIP
Easier and more
cost-efficient mounting
method for TINA2
and LEILA lenses



TWIDDLE

www.ledil.com/twiddle

Compatibility: Up to 3535 size LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TWIDDLE-RZ-D	14.57	21.56	18	60	4.1
TWIDDLE-RZ-M	13.34	21.56	20	68	2.8
TWIDDLE-D	14.3	21.6	20	81	4.1
TWIDDLE-M	13.2	21.6	32	72	2.8

TINA

www.ledil.com/tina

Compatibility: Up to 3535 size LED packages

TINA						
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TINA-RS	real spot	≈ 10	16.1	13	93	10.9
TINA-D	diffused spot	≈ 10	16.1	16	92	6.1
TINA-M	medium	≈ 10	16.1	29	88	2.1
TINA-W	wide	≈ 10	16.1	48	91	1.3
TINA-WW	extra wide	≈ 10	16.1	61	91	0.8
TINA-BW	batwing	≈ 10	16.1	asymm.	80	1.0
TINA-O	oval	≈ 10	16.1	34 x 15	89	3.4

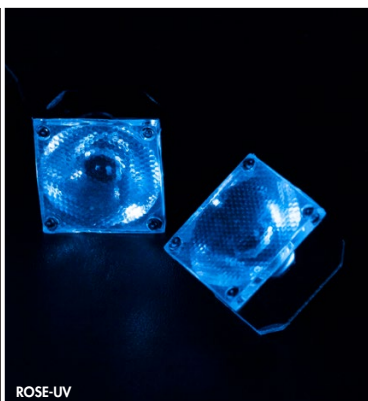
TINA2						
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TINA2-RS *	real spot	≈ 10	16.1	14	91	10.4
TINA2-D *	diffused spot	≈ 10	16.1	16	89	6.9
TINA2-SS	smooth spot	9.26	16	22	88	4.5
TINA2-M *	medium	≈ 10	16.1	29	86	2.5
TINA2-W *	wide	≈ 10	16.1	46	87	1.4
TINA2-WW	extra wide	≈ 10	16.1	58	87	0.9
TINA2-R	wide	10.1	16.1	74	90	0.5
TINA2-O*/TINA-O-90	oval	≈ 10	16.1	35 x 16	87	3.5
TINA2-O-WAS *	asymm. oval	≈ 10	16.1	asymm.	86	3.6

* Compatible with TINA-SC

TINA3						
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TINA3-S	S	11.4	16.1	13	77	8.4
TINA3-W	W	≈ 7	16.1	39	90	1.7
TINA3-WW	WW	≈ 7	16.1	53	90	1.0
TINA3-WWW	WWW	≈ 7	16.1	71	88	0.6
TINA3-OO	OO	≈ 7	≈ 16.1	59 x 39	90	1.2



ROSE-MRK



ROSE-UV



SURI-RS

ROSE

www.ledil.com/rose

ROSE

Compatibility: LED packages up to 5050 size

name	beam type	d	typ. FWHM	typ. eff.	typ. cd/lm
ROSE-RS	RS	21.6 x 21.6	11	88	21.7
ROSE-SS	SS	21.6 x 21.6	15	87	9.4
ROSE-D	D	21.6 x 21.6	16	85	7.1
ROSE-M	M	21.6 x 21.6	30	83	2.5
ROSE-W	W	21.6 x 21.6	51	81	1.1
ROSE-WW	WW	21.6 x 21.6	59	81	0.8
ROSE-WWW	WWW	21.6 x 21.6	80	84	0.4
ROSE-O	O	21.6 x 21.6	43 x 15	81	3.1
ROSE-O-90	O-90	21.6 x 21.6	13 x 44	81	3.6

ROSE-MRK

Compatibility: Ultra-high-power LED packages up to 7070 size

name	beam type	d	typ. FWHM	typ. eff.	typ. cd/lm
ROSE-MRK-S	spot	21.6 x 21.6	30	80	2.1
ROSE-MRK-M	medium	21.6 x 21.6	43	84	2.0
ROSE-MRK-W	wide	21.6 x 21.6	62	84	0.7
ROSE-MRK-BW	batwing	21.6 x 21.6	68	84	0.7

ROSE-UV

Compatibility: High-power UV-LED packages with dome up to 3535 size

name	beam type	h	d	typ. FWHM	typ. eff.
G2-NIS033U-S	spot	12.9	21.6 x 21.6	20	92
G2-NIS033U-M	medium	12.9	21.6 x 21.6	25	91
G2-NIS033U-W	wide	12.9	21.6 x 21.6	43	91
G2-ROSE-UV-SS	smooth spot	12.9	21.6 x 21.6	14	90
G2-ROSE-UV-M	medium	12.9	21.6 x 21.6	25	88
G2-ROSE-UV-W	wide	12.9	21.6 x 21.6	40	90

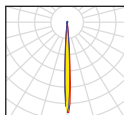


SURI

www.ledil.com/suri

Compatibility: Optimized for 3535 and compatible up to 7070 size LED packages

name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
SURI-RS	38	24	6	91	65



SURI-RS

LAURAwww.ledil.com/laura**LAURA**

Compatibility: Up to 5050 size LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
LAURA-RS	13	21.6 x 21.6	8	93	30.5
LAURA-SS	13	21.6 x 21.6	11	91	14.5
LAURA-D	13	21.6 x 21.6	15	88	6.2
LAURA-M	13	21.6 x 21.6	29	88	2.5
LAURA-W	13	21.6 x 21.6	42	88	1.7
LAURA-WW	13	21.6 x 21.6	66	86	0.7
LAURA-O	13	21.6 x 21.6	40 x 12	88	4.3

LAURA-G2

Thinner holder design. Backwards compatible with previous generations.

Compatibility: Up to 5050 size LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
G2-LAURA-RS-P	13.1	21.6 x 21.6	8	93	33.2
G2-LAURA-SS-P	13.1	21.6 x 21.6	11	93	16.5
G2-LAURA-D-P	13.1	21.6 x 21.6	13	93	9.3
G2-LAURA-M-P	13.1	21.6 x 21.6	30	92	2.6
G2-LAURA-W-P	13.1	21.6 x 21.6	46	91	1.6
G2-LAURA-R-W-P	13.1	21.6 x 21.6	70	81	0.8
G2-LAURA-WW-P	13.1	21.6 x 21.6	66	86	0.7
G2-LAURA-R-XW-P	13.1	21.6 x 21.6	72	86	0.6
G2-LAURA-SS-WAS-P	13.1	21.6 x 21.6	asymm.	92	11.6
G2-LAURA-O-P	13.1	21.6 x 21.6	40 x 13	91	4.8
G2-LAURA-O-WAS-P	13.1	21.6 x 21.6	asymm.	84	2.6
G2-LAURA-O90-P	13.1	21.6 x 21.6	15+40	90	4.4

LEILAwww.ledil.com/leila**LEILA**

Compatibility: Up to 5050 size LED packages

beam type name*	h	d	typ. FWHM	typ. eff.	typ. cd/lm
-RS2	14.6	21.6	8.5	90	22.1
-RS **	14.6	21.6	9.6	94	23.1
-W **	14.6	21.6	42	90	1.6
-REC	14.6	21.6	37 x 26	84	2.4
-O	14.6	21.6	39 x 11	88	4.8
-O-90 **	14.6	21.6	11 x 39	89	4.6
-WAS	14.6	21.6	asymm.	84	4.0
-D **	14.6	21.6	12	90	10.0
-M **	14.6	21.6	25	92	4.8
-O-WAS **	14.6	21.6	asymm.	84	3.8

LEILA-G2

Thinner holder design. Backwards compatible with previous generations.

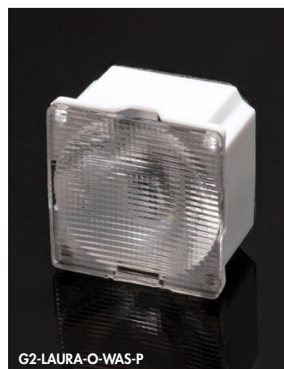
Compatibility: Up to 5050 size LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
G2-LXP2-RS2-P	14.7	21.6	8.5	90	22.1
G2-LXP2-RS2	14.7	21.6	8.5	90	22.1
G2-LXP2-D-P	14.7	21.6	9.7	88	19.8
G2-LXP2-D	14.7	21.6	9.7	88	19.8
G2-LXP2-M-P	14.7	21.6	22	88	5.1
G2-LXP2-M	14.7	21.6	22	88	5.2

LEILA-2X8

Compatibility: Up to 3535 size high power LED packages

beam type name*	h	d	typ. FWHM	typ. eff.	typ. cd/lm
-RS	14.6	21.6	8	94	13.3
-RS2	14.6	21.6	9	85	21.0
-M	14.6	21.6	20	94	4.1
-W	14.6	21.6	40	94	1.8
-O-WAS	14.6	21.6	TBA	TBA	TBA
-D	14.6	21.6	11	94	10.2
LEILA-FRAME-2X8	14.3	175 x 43			

*Subject to the LED type, check www.ledil.com/leila for actual values. ** Compatible with LEILA-SC

G2-LAURA-O-WAS-P



LAURA-RS



LEILA

LEILA-G2



LEILA-2X8

IRIEwww.ledil.com/irie

Compatibility: Flat 2.75 x 2.0 mm high-power IR LEDs

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
IRIE-A	5.1	14 x 14	asymm.	94	1.5

IRENEwww.ledil.com/irene

Compatibility: Up to 3535 size IR LED packages

name	h	d	typ. FWHM
IRENE-IR-4	14.3	21.6	67 + 67
IRENE-IR-8	14.3	21.6	32 + 32
IRENE-IR-12	14.3	21.6	25 + 25
IRENE-IR-16	14.3	21.6	17 + 17
IRENE-IR-25	14.3	21.6	16 + 16

IRISwww.ledil.com/iris

Compatibility: Up to 7070 size LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
IRIS-RS	≈29	38	5	93	66
IRIS-M	≈29	38	26	86	2.7
IRIS-O	≈29	38	39 x 28	84	1.9

BILLIEwww.ledil.com/billie-family

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BILLIE-A	asymm.	16.1	21.5	asymm.	88	2.1
BILLIE-B	asymm.	16.1	21.5	asymm.	93	2.2

MIRAwww.ledil.com/mira

Available with or without holder

Compatibility: Up to 7070 size high power LED packages and small COBs up to 12 mm LES size

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
MIRA-M	medium	16	35	28	83	2.1
MIRA-W	wide	16	35	38	82	1.5
MIRA-WW	extra wide	16	35	58	83	0.9

EVAwww.ledil.com/eva

Compatibility: Up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
EVA-S	spot	16.4	37.7	10	93	11.9
EVA-SS	smooth spot	16.4	37.7	11	94	11.2
EVA-D	diffused spot	16.4	37.7	16	80	4.9
EVA-M	medium	16.4	37.7	24	89	3.2
EVA-W	wide	16.4	37.7	38	83	1.4
EVA-WW	extra wide	16.4	37.7	53	82	1.7
EVA-O	oval	16.4	37.7	38 + 17	85	3.1
EVA-O-90	oval	16.4	37.7	17 + 40	86	3.3



IRIE



IRENE-IR-16

IRIS-O



BILLIE

MIRA-M



EVA-SS



TITANIUM-M



EMILY-WWW



HEIDI-W2

TITANIUM

www.ledil.com/titanium

Compatibility: Up to 3535 size LED packages

name	beam type	d	typ. FWHM	typ. eff.
TITANIUM-O-SS	smooth spot	26	9	84
TITANIUM-O-M	medium	26	25	87
TITANIUM-O-W	wide	26	65	71
TITANIUM-O-O	oval	26	35 x 8	89

EMILY

www.ledil.com/emily

Compatibility: Up to 5050 size LED packages

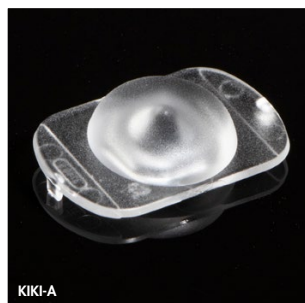
name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
EMILY-RS	14.8	26	8	90	29.5
EMILY-D	14.8	26	11	91	14
EMILY-SS	14.8	26	11	80	13.4
EMILY-M	14.8	26	18	91	7.4
EMILY-M2	14.8	26	29	89,2	3.1
EMILY-W	14.8	26	39	86	1.5
EMILY-WW	14.8	26	44	93	1.7
EMILY-WWW	14.8	26	58	86	1
EMILY-SS-WAS	14.8	26	12	90	12
EMILY-O-WAS	14.8	26	43 x 10	87	3.6
EMILY-O	14.8	26	44 x 10	89	4.5
EMILY-O-90	14.8	26	45 x 10	89	4.2

HEIDI

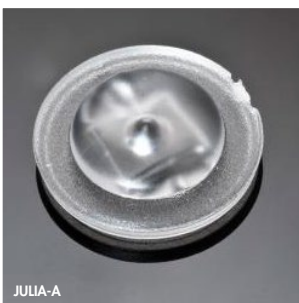
www.ledil.com/heidi

Compatibility: Up to 3535 size LED packages

name	d	typ. FWHM	typ. eff.	typ. cd/lm
HEIDI-RS	21.6	8	92	21.8
HEIDI-D	21.6	10	90	14.8
HEIDI-SS	21.6	15	90	6.8
HEIDI-M	21.6	26	89	3.8
HEIDI-W	21.6	32	87	2.6
HEIDI-W2	21.6	45	80	1.1
HEIDI-O	21.6	49 x 11	87	4.5
HEIDI-O-90	21.6	13 x 44	87	4.7
HEIDI-REC-90	21.6	36 + 57	78	1.3



KIKI-A



JULIA-A



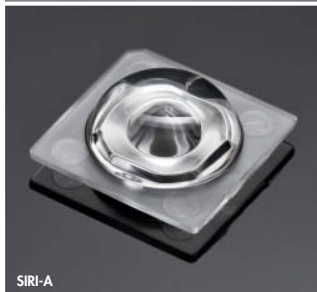
LOTTA-A



EMMA-360



STRADA-S



SIRI-A

KIKIwww.ledil.com/kiki

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
KIKI-A	wide area lighting	5.9	21.6 x 14	163	92	0.3

JULIAwww.ledil.com/julia

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
JULIA-A	wide area lighting	4.8	18.8	88 + 160	90	0.2

LOTTAwww.ledil.com/lotta

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
LOTTA-A	wide area lighting	3.6	19.6 x 15.4	168	88	0.3

EMMAwww.ledil.com/emma

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
EMMA-360	side emitter	5.7	9.9 x 9.9	170	92	0.4

STRADA-Swww.ledil.com/strada-s

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADA-S	side emitter	6.9	19.6 x 15.5	144+170	93	0.4

SIRIwww.ledil.com/siri

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
SIRI-A	wide area lighting	4.2	13.9 x 13.9	74 + 134	95	0.3
SIRI-DOME	LED cover, no effect on the light	4.9	13.9 x 13.9	144	97	0.2
SIRI-DIFF		4.9	13.9 x 13.9	144	95	0.2



LEIA



HELENA-A



EMERALD-ER1



VENLA-S-IRIS

LEIA

www.ledil.com/leia

Compatibility: Designed for single chip 3535 LED packages, compatible with up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. cd/lm
LEIA-S	ultra-narrow spot	51.3	46.7	3	68.0
LEIA-S + LEIA-SUB-O	narrow oval	53	46.7	50 + 5	5.0
additional accessories					
LEIA-SUB-O	narrow oval sublens				

HELENA

www.ledil.com/helena

Compatibility: All LED types

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
HELENA-A	medium	11	72.8	19	68	4.0
HELENA-B	medium	11	72.8	24	74	2.1

EMERALD

www.ledil.com/emerald

Compatibility:

- EMERALD: Up to 5050 size LED packages
- EMERALD-MAXI: Up to 7070 size LED packages

EMERALD						
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
EMERALD-A	rectangular	7.3	21.6	150 x 20	89	1.9
EMERALD-ER1	rectangular	7.8	21.6	155 x 30	86	1.6
EMERALD-ER2	rectangular	9.3	21.6	130 x 20	86	1.8
EMERALD-AP	wide area lighting	6.9	21.6	asymm.	89	0.4

EMERALD-MAXI

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
EMERALD-MAXI-A	wide area lighting	12.2	33 x 25	asymm.	92	2.0

VENLA

www.ledil.com/venla

Compatibility: Up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
VENLA-S-IRIS	spot	27.2	45	16	90	8.0



FLARE-MAXI-T



CRYSTAL-RS



SEANNA-A

FLAREwww.ledil.com/flarefamily

Compatibility:

- FLARE-MINI: Up to 3535 size packages
- FLARE: Up to 5050 size packages
- FLARE-MAXI: Up to 7070 size packages

FLARE

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLARE-B	12.69	29 x 23	102 x 11	93	1.6
FLARE-C	14.55	24.5 x 24.5	87 x 8	93	3.2
FLARE-C-D	14.55	24.5 x 24.5	95 x 21	93	1.0
LEDIL-FLARE	16.2	23 x 25	138 x 20	92	1.3

FLARE-MINI

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLARE-MINI-AD	8.6	16	98 x 19	94	1.1
FLARE-MINI-AD-PIN	8.6	16	98 x 19	94	1.1
FLARE-MINI-A	8.6	16	106 x 20	94	1.1
FLARE-MINI-A-PIN	8.6	16	106 x 20	94	1.0

FLARE-MAXI

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLARE-MAXI	16.7	33.9 x 33.3	99 x 13	94	2.3
FLARE-MAXI-D	16.7	33.9 x 33.3	108 x 15	94	1.8
FLARE-MAXI-T	15.5	43 x 28.4	82+21	93	1.3

CRYSTALwww.ledil.com/crystal

Compatibility: Up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
CRYSTAL-RS	real spot	28.7	49.7	5.1	89	67.9
CRYSTAL-MINE	spot	28.7	49.7	4.9	90	59.6

SEANNAwww.ledil.com/seanna

Compatibility: Up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.
SEANNA-A	real spot	79	152.6	2.3	87



GABRIELLA

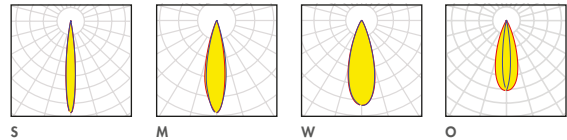
www.ledil.com/gabriella

TESTED FOR
 TUNABLE
 WHITE

Compatibility: Optimized for 5050 sized and compatible with 7070 RGB LEDs

GABRIELLA-45					
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
GABRIELLA-45-S	45	29	9	90	24.0
GABRIELLA-45-M	45	29	25	86	5.0
GABRIELLA-45-W	45	29	36	81	2.2

GABRIELLA-MIDI					
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
GABRIELLA-MIDI-S	38	24	11	91	11.5
GABRIELLA-MIDI-M	38	24	24	88	4.0
GABRIELLA-MIDI-W	38	24	35	85	2.2
GABRIELLA-MIDI-O	38	24	11 + 33	87	6.2



RGBX

www.ledil.com/rgbx

TESTED FOR
 TUNABLE
 WHITE

Compatibility: Up to 5050 size RGB LEDs

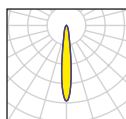
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
RGBX-SS	28	30	20	85	3.8
RGBX-M	28	30	30	70	1.3
RGBX2-S	28	30	20	77	4.6
RGBX2-M	28	30	34	68	1.5
RGBX2-O	28	30	48 + 24	66	1.5

**AMY**www.ledil.com/amy**NEW****NN**
KONNKTAKT

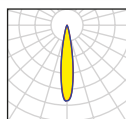
Compatibility:

- Compatible with up to 10mm LES size COBs
- Fits LEDiL HEKLA (holder C) and BJB connectors
- Available with or without holder

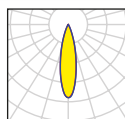
name		beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
AMY-50-S2	COMING	S	50 x 50	10.70	15	90	4.2
AMY-50-S		S	50 x 50	10.80	18	90	6.7
AMY-50-M		M	50 x 50	10.91	24	92	4.0
AMY-50-W		W	50 x 50	10.97	35	89	2.1
AMY-50-WW		WW	50 x 50	10.97	59	90	1.0



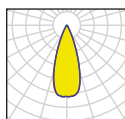
AMY-50-S2



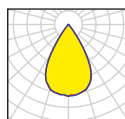
AMY-50-S



AMY-50-M



AMY-50-W



AMY-50-WW

PATENT PENDING

ILONA-ZOOM

ILONAwww.ledil.com/ilona

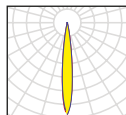
Compatibility:

- Optimized for 6-9 mm and compatible with up to 14.5 mm LES size COBs
- LEDiL HEKLA baseparts (page 43)

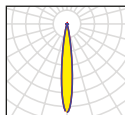
TESTED FOR
**TUNABLE
WHITE**

KONNTAKT

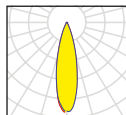
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
ILONA-RS	50	29.15	10	94	15.0
ILONA-SS	50	29.30	14	90	12.0
ILONA-M	50	29.66	25	92	4.5
ILONA-W	50	29.70	36	89	2.0
ILONA-WW	50	29.44	57	84	1.0
ILONA-ZOOM	52.5	33.22	13 to 48	82	9.5-1.0



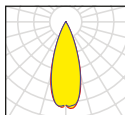
ILONA-RS



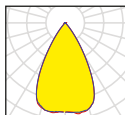
ILONA-SS



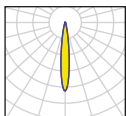
ILONA-M



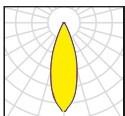
ILONA-W



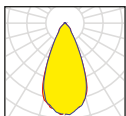
ILONA-WW

ILONA-ZOOM

Spot | 13.5°



Half | 34°



Full | 46°

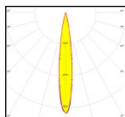


SAKURA

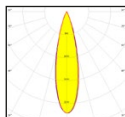
SAKURAwww.ledil.com/sakura

Compatibility: Optimized for 14.5 mm and compatible with up to 22 mm LES size COBs

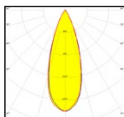
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
SAKURA-70-S	70	33.1	15	85	10.2
SAKURA-70-M	70	33.1	26	83	3.5
SAKURA-70-W	70	33.1	36	80	1.8



SAKURA-70-S



SAKURA-70-M



SAKURA-70-W



TESTED FOR
TUNABLE
WHITE



PATENT PENDING

NEW

YASMEEN is a versatile COB optics family with supreme light quality for track lighting. It is available in the most popular sizes and beams with tunable white capabilities.

YASMEEN

YASMEEN

www.ledil.com/yasmeen

NEW

TESTED FOR

**TUNABLE
WHITE**

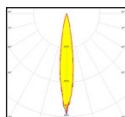


KONNTAKT

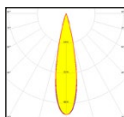
Compatibility:

- Ø30 mm: Up to 7070 size LED packages
- Ø50 mm: LES 6-10 mm
- Ø70 mm: LES 10-14.5 mm
- LEDiL HEKLA (with holder C)
- BJB connectors (with holder B)

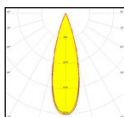
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
YASMEEN-30-RS	30	18.2	11	92	22.7
YASMEEN-50-S	50	30.5	15	85	8.0
YASMEEN-50-M	50	30.5	26	85	5.0
YASMEEN-50-W	50	30.5	36	85	2.0
YASMEEN-50-WW	50	30.5	60	85	1.0
YASMEEN-70-S	70	39.9	15	85	12.0
YASMEEN-70-M	70	39.9	24	85	5.0
YASMEEN-70-W	70	39.9	36	85	2.0
YASMEEN-70-WW	70	39.9	60	85	1.0



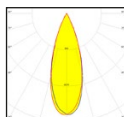
YASMEEN-30-RS



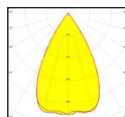
YASMEEN-50/70-S



YASMEEN-50/70-M



YASMEEN-50/70-W



YASMEEN-50/70-WW



RONDA

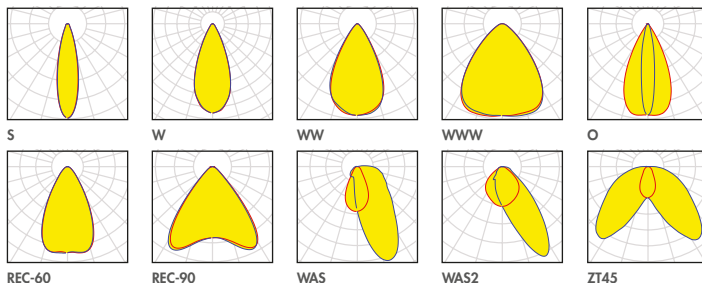
RONDAwww.ledil.com/ronda

Compatibility:

- LES sizes up to 16 mm, asymmetric up to 14.5 mm
- Holder A: LEDiL baseparts with A-interface (page 42)
- Holder B: 3rd party baseparts compatible with B-interface (page 42)
- Holder C: LEDiL HEKLA baseparts (page 43)

NN
 KONNTAKT

name	beam type	d (hld A/B)	d (hld C)	typ. FWHM	typ. eff.	typ. cd/lm
RONDA-S	spot	69.9	53.9	27	85	1.8
RONDA-W	wide	69.9	53.9	43	87	1.6
RONDA-WW	extra wide	69.9	53.9	62	89	0.8
RONDA-WWW	extra ² wide	69.9	53.9	90	87	0.5
RONDA-REC-60	rectangular	69.9	53.9	58 + 58	89	0.8
RONDA-REC-90	rectangular	69.9	53.9	80	87	0.5
RONDA-O	oval	69.9	53.9	49 + 30	86	1.4
RONDA-WAS	asymm.	69.9	53.9	asymm.	86	1.1
RONDA-WAS2	asymm.	69.9	53.9	asymm.	89	0.9
RONDA-ZT45	double asymmetric	69.9	53.9	asymm.	85	0.5





GERMAN
DESIGN
AWARD
WINNER
2019



MOLLY

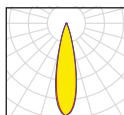
MOLLY

www.ledil.com/molly

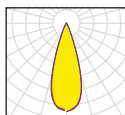
Compatibility:

- Optimized for 14.5 mm LES and compatible up to 19 mm LES
- LEDiL baseparts with A-interface (page 42)
- B-versions: 3rd party baseparts compatible with B-interface (page 42)

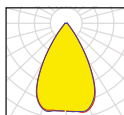
name	beam type	h	d	typ. FWHM
MOLLY-S	spot	24.8	69.8	25
MOLLY-M	medium	23.6	69.8	37
MOLLY-W	wide	22.1	69.8	60



S



M



W



CARMEN-50



WINNIE-M



WINNIE-M-C

CARMEN

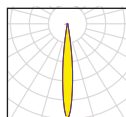
www.ledil.com/carmen

Compatibility:

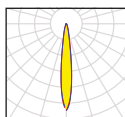
- CARMEN-50: LES sizes up to 10 mm
- CARMEN-70: LES sizes up to 11 mm
- Holder B: (CARMEN-70-S, -M, -W): 3rd party baseparts compatible with B-interface (page 42)
- Holder C: LEDIL HEKLA baseparts (page 43)
- CARMEN-70-SHD: CARMEN-RS and -SS

 NN
KONNTAKT

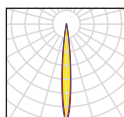
name	beam type	h	d
CARMEN-50/70-RS	real spot	25.5 / 36.3	50 / 70
CARMEN-50/70-S	spot	25.5 / 36.3	50 / 70
CARMEN-50/70-M	medium	25.5 / 36.3	50 / 70
CARMEN-70-M2	medium	36.3	70
CARMEN-50/70-W	wide	25.5 / 36.3	50 / 70
CARMEN-50/70-RS-WHT	real spot	25.5 / 36.3	50 / 70
CARMEN-50/70-S-WHT	spot	25.5 / 36.3	50 / 70
CARMEN-50/70-M-WHT	medium	25.5 / 36.3	50 / 70
CARMEN-50/70-W-WHT	wide	25.5 / 36.3	50 / 70



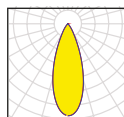
RS



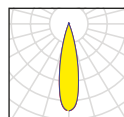
S



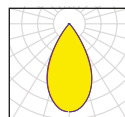
SS



M



M2



W

WINNIE

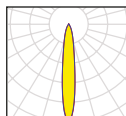
www.ledil.com/winniefamily

Compatibility:

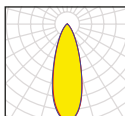
- COBs with LES sizes up to 21 mm
- WINNIE-HOLDER: 3rd party baseparts compatible with B-interface (page 42)
- Holder-C: LEDIL HEKLA baseparts (page 43)

 NN
KONNTAKT

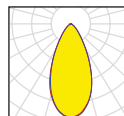
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
WINNIE-S	spot	19.3	49.8	22	88	3.4
WINNIE-M	medium flood	19.3	49.8	35	86	1.8
WINNIE-W	wide flood	19.3	49.8	50	88	1.3
WINNIE-WW	extra wide flood	19.3	49.8	70	83	0.7
WINNIE-O	oval	19.3	49.8	63 + 24	89	1.5



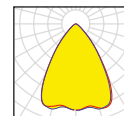
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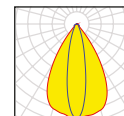
M



W



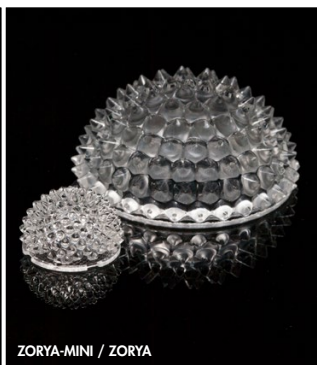
WW



O



SAGA-HB-IP-WHT



ZORYA-MINI / ZORYA



OLGA-S

SAGA

www.ledil.com/sagafamily


Compatibility:

- COB's with LES sizes up to 14 mm
- 3rd party connectors from Bender+Wirth

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
SAGA-HB-IP-WHT	high bay	12	50	62	90	0.8

ZORYA

www.ledil.com/zorya


Compatibility:

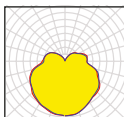
- ZORYA-SC: LES sizes from 6 mm to 24 mm
- ADAPTER-B: 3rd party baseparts with B-interface (page 42)
- ADAPTER-C: LEDIL HEKLA baseparts (page 43)
- ZORYA-MINI: For high power LEDs up to 7070 size packages



ZORYA						
name		h	d	typ. eff.	typ. FWHM	
ZORYA-SC		35	55	94	245	
ZORYA-SC-B	BJB 47.319.2021 compatible	35	55	97	245	
ZORYA-SC-C	HEKLA compatible	35	55	94	245	

ZORYA-MINI

name		h	d	typ. eff.	typ. FWHM	
ZORYA-MINI	PC lens	14.6	22	98	145	



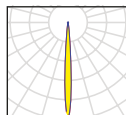
ZORYA-SC

OLGA

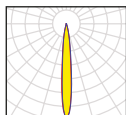
www.ledil.com/olga

Compatibility: Up to 7070 size LED packages

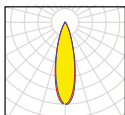
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
OLGA-RS	30 / 32	18.5 / 19.1	9	92	25.0
OLGA-S	30 / 32	18.5 / 19.1	11	87	13.6
OLGA-M	30 / 32	18.5 / 19.1	25	85	2.8
OLGA-W	30 / 32	18.5 / 19.1	40	89	2.2
OLGA-WAS	30 / 32	18.5 / 19.1	asymm.	81	1.1
OLGA-O	30 / 32	18.5 / 19.1	10 + 40	90	5.0



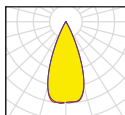
OLGA-RS



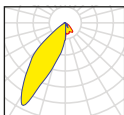
OLGA-S



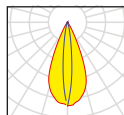
OLGA-M



OLGA-W



OLGA-WAS



OLGA-O

SATUwww.ledil.com/satu

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
SATU-S	spot	3	8.9	21.8	19	90	4.9
SATU-M	medium	3	8.9	21.8	27	91	2.9
SATU-W	wide	3	8.9	21.8	33	86	1.9
SATU-O	oval	3	8.9	21.8	42 x 22	86	2.5

CUTEwww.ledil.com/cute

Compatibility: Up to 5050 size packages

CUTE-3

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
CUTE-3-S	S	3	15	35	11	94	5.7
CUTE-3-SS	SS	3	15	35	12	90	11.3
CUTE-3-M	M	3	15	35	24	88	3.8
CUTE-3-W	W	3	15	35	39	83	1.6
CUTE-3-WW	WW	3	15	35	58	93	0.8

GT3www.ledil.com/gt3

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
GT3-S	S	3	9	35	18	90	4.5
GT3-M	M	3	9	35	30	89	2.2
GT3-W	W	3	9	35	40	88	1.6
GT3-WW	WW	3	9	35	47	90	1.1

GT4www.ledil.com/gt4

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
GT4-S	S	4	9	35	21	90	3.3
GT4-M	M	4	9	35	28	88	2.5
GT4-W	W	4	9	35	38	89	1.7
GT4-WW	WW	4	9	35	53	90	1.1



SATU-O



CUTE



GT3-M



GT4

ANGIEwww.ledil.com/angie

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ANGIE-S	S		10,7	34	12	93	11.8
ANGIE-M2	M2		10,7	34	26	88	3.3
ANGIE-W	W		10,7	34	29	84	2.4

TAMPAwww.ledil.com/tampa

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	
NIS83-MX-7-M	M	7	11.4	38	20	90	
NIS83-MX-7-W	W	7	11.4	38	37	89	
NIS83-MX-7-WW	WW	7	11.4	38	57	87	

ANNAwww.ledil.com/anna

Compatibility: Up to 3535 size LED packages

ANNA-40

name	beam type	LED sources	d	h	typ. FWHM	typ. eff.	typ. cd/lm
ANNA-40-5-S	S	5	40	10.7	15	91	8.5
ANNA-40-6-S		6					
ANNA-40-7-S		7					
ANNA-40-6-M	M	6	40	10.7	22	88	3.7
ANNA-40-7-M		7					
ANNA-40-7-M2	M	7	40	10.7	25	87	3.2
ANNA-40-4-W	W	4	40	10.7	32	86	1.9
ANNA-40-6-W		6					
ANNA-40-7-W		7					
ANNA-40-7-WW	WW	7	40	12.5	64	90	0.9

ANNA-50

name	beam type	LED sources	d	h	typ. FWHM	typ. eff.	typ. cd/lm
ANNA-50-3-S	S	3	50	10.7	15	91	8.5
ANNA-50-7-S		7					
ANNA-50-3-M	M	3	50	10.7	22	88	3.7
ANNA-50-7-M		7					
ANNA-50-3-W	W	3	50	10.7	32	86	1.9
ANNA-50-4-W		4					
ANNA-50-6-W		6					
ANNA-50-7-W		7					



ANGIE-S



NIS83-MX-7-M



ANNA-40-7-M

TUIJA

www.ledil.com/tuija

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TUIJA-3-SS	smooth spot	3	14.5	50	12	90	12.9
TUIJA-3-M	medium	3	14.5	50	16	84	5.6
TUIJA-3-M2	medium	3	14.5	50	35	87	2
TUIJA-3-W	wide	3	14.5	50	53	86	0.9

SANDRA

www.ledil.com/sandra

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
SANDRA-12-S	spot	12	11.1	67	14	91	13.2
SANDRA-12-M	medium	12	11.1	67	28	88	2.4
SANDRA-12-W	wide	12	11.1	67	31	88	2.4
SANDRA-12-O	oval	12	11.1	67	42 + 19	90	2.8

VIRPI

www.ledil.com/virpifamily

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
VIRPI-S	spot	25	9.4	74.9 x 74.9	15	94	7.5
VIRPI-M	medium	25	9.4	74.9 x 74.9	29	92	2.7
VIRPI-W	wide	25	9.4	74.9 x 74.9	42	91	1.6

IDA

www.ledil.com/idafamily

Compatibility: Up to 3535 size mid-power LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.
IDA16-M	narrow	16	9.2	50 x 50	40	92
IDA16-WW	very wide	16	9.2	50 x 50	71	93
IDA16-O	oval	16	9.2	50 x 50	90 + 33	92



TUIJA



SANDRA-12-O



VIRPI-M



IDA16-WW

FLORENTINA-12X1

Compatibility: LEDIL standard TINA/TINA2 lenses (up to 3535 LED size packages)

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLORENTINA-HLD-RS	real spot	25.1	29 x 287	11	84	16.7
FLORENTINA-HLD-D	diffused spot	25.1	29 x 287	13	84	9.6
FLORENTINA-HLD-SS	smooth spot	25.1	29 x 287	21	85	5.9
FLORENTINA-HLD-M	medium	25.1	29 x 287	29	81	3.3
FLORENTINA-HLD-W	wide	25.1	29 x 287	42	84	1.8
FLORENTINA-HLD-WW	extra wide	25.1	29 x 287	50	78	1.1
FLORENTINA-HLD-BW	batwing	25.1	29 x 287	60	81	1.0
FLORENTINA-HLD-O	oval	25.1	29 x 287	35 + 12	83	5.1

FLORENTINA-1

Compatibility: LEDIL standard ROSE lenses up to 5050 size and ROSE-MRK lenses up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLORENTINA-1-RS-60	real spot	31.9	40 x 40	16	80	9.3
FLORENTINA-1-SS-60	smooth spot	31.9	40 x 40	18	83	7
FLORENTINA-1-D-60	diffused spot	31.9	40 x 40	21	77	5.1
FLORENTINA-1-M-60	medium	31.9	40 x 40	31	78	2.6
FLORENTINA-1-W-60	wide	31.9	40 x 40	44	71	1.3
FLORENTINA-1-O-60	oval	31.9	40 x 40	44 + 20	72	2.8
FLORENTINA-1-MRK-S-60	spot	31.9	40 x 40	26	68	2.3
FLORENTINA-1-MRK-M-60	medium	31.9	40 x 40	40	75	1.4
FLORENTINA-1-MRK-W-60	wide	31.9	40 x 40	57	70	0.7
FLORENTINA-1-MRK-BW	batwing	31.9	40 x 40	60	63	0.7

FLORENTINA-2X2

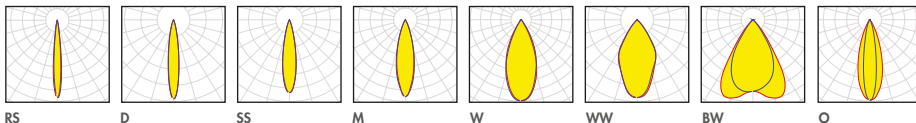
Compatibility: LEDIL standard ROSE lenses up to 5050 size and ROSE-MRK lenses up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLORENTINA-2X2-RS	real spot	28.5	95.6 x 95.6	16	78	7.4
FLORENTINA-2X2-D	diffused spot	28.5	95.6 x 95.6	19	77	5.5
FLORENTINA-2X2-SS	smooth spot	28.5	95.6 x 95.6	20	79	5.4
FLORENTINA-2X2-M	medium	28.5	95.6 x 95.6	30	75	2.4
FLORENTINA-2X2-W	wide	28.5	95.6 x 95.6	49	70	1.0
FLORENTINA-2X2-O	oval	28.5	95.6 x 95.6	44 + 18	70	2.5
FLORENTINA-2X2-MRK-S	spot	28.5	95.6 x 95.6	28	68	2.1
FLORENTINA-2X2-MRK-M	medium	28.5	95.6 x 95.6	42	74	1.4
FLORENTINA-2X2-MRK-W	wide	28.5	95.6 x 95.6	53	94	0.7
FLORENTINA-2X2-MRK-BW	batwing	28.5	95.6 x 95.6	64	63	0.7

FLORENTINA-4X1

Compatibility: LEDIL standard ROSE lenses up to 5050 size and ROSE-MRK lenses up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
FLORENTINA-4X1-RS	real spot	28.5	175.6 x 55.6	10	82	19.0
FLORENTINA-4X1-SS	smooth spot	28.5	175.6 x 55.6	16	81	8.5
FLORENTINA-4X1-D	diffused spot	28.5	175.6 x 55.6	18	77	6.6
FLORENTINA-4X1-M	medium	28.5	175.6 x 55.6	30	75	2.4
FLORENTINA-4X1-W	wide	28.5	175.6 x 55.6	36	69	1.5
FLORENTINA-4X1-O	oval	28.5	175.6 x 55.6	44 + 15	74	3.0
FLORENTINA-4X1-MRK-S	spot	28.5	175.6 x 55.6	28	77	2.1
FLORENTINA-4X1-MRK-M	medium	28.5	175.6 x 55.6	39	75	1.5
FLORENTINA-4X1-MRK-W	wide	28.5	175.6 x 55.6	49	73	0.8
FLORENTINA-4X1-MRK-BW	batwing	28.5	175.6 x 55.6	64	63	0.7



FLORENCE

www.ledil.com/florence-family

FLORENCE-1R

Compatibility: Mid-power LEDs up to 5630 package size

name	beam type	typ. FWHM	typ. eff.	typ. cd/lm
FLORENCE-1R-Z60	medium	58 + 111	94	0.6
FLORENCE-1R-Z90	extra wide	90 + 110	94	0.4
FLORENCE-1R-ZT25	asymmetric	asymm.	86	1.0
FLORENCE-1R-ZT25	double asymmetric	106 + 80	92	0.5
FLORENCE-1R-O	oval	96 + 32	94	0.9
FLORENCE-1R-MAXI-WG	asymmetric	asymm.	94	1.4
FLORENCE-1R-UP	wide area lighting	asymm.	90	0.4
FLORENCE-1R-UP-D	wide area lighting	asymm.	90	0.3
FLORENCE-1R-CLIP-A	clip for installation with 40 mm wide boards			
FLORENCE-1R-CLIP-B	clip for installation on a profile			
FLORENCE-1R-CLIP-C	clip for fastening of FLORENCE-1R optics and 24 mm wide Zhaga modules			

FLORENCE-1R-GC

Compatibility: Mid-power LEDs up to 5630 package size

name	beam type	typ. FWHM	typ. eff.	typ. cd/lm
FLORENCE-1R-GC-Z60	wide	70	94	0.7
FLORENCE-1R-GC-Z90	rectangular	90	94	0.5
FLORENCE-1R-GC-ZT25	asymmetric	asymm.	92	0.8

FLORENCE-3R

Compatibility: Range of 3 x 11 high-power LED modules with up to 5050 size packages

name	beam type	typ. FWHM	typ. eff.	typ. cd/lm
FLORENCE-Z30	medium	29	94	2.2
FLORENCE-Z60	wide	58	88	0.8
FLORENCE-Z90	extra wide	92	86	0.4
FLORENCE-Z90-B	extra wide	92	90	0.4
FLORENCE-O	oval	84 + 35	89	0.7
FLORENCE-ZT25	asymmetric	asymm.	94	0.6
FLORENCE-ZT25-S	single-sided asymmetric oval	asymm.	94	0.6
FLORENCE-3R-SHD-BLK	black shade to obtain lower UGR			
FLORENCE-3R-SHD-GR	grey shade to obtain lower UGR			
FLORENCE-3R-SHD-WHT	white shade			

FLORENCE-3R-IP

Compatibility: Range of 3 x 11 mid-power LED modules up to 5630 size packages

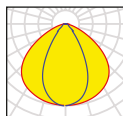
name	beam type	typ. FWHM	typ. eff.	typ. cd/lm
FLORENCE-3R-IP-Z60	wide	60	86	0.7
FLORENCE-3R-IP-Z90	extra wide	90	88	0.4
FLORENCE-3R-IP-O	oval	84 + 40	86	0.7

FLORENCE2

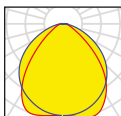
Compatibility: All Zhaga 3R PCBs including 2ft PCBs

name	beam type	typ. FWHM	typ. eff.	typ. cd/lm
FLORENCE2-Z90	extra wide	85	94	0.6
FLORENCE2-Z60	wide	52	92	1.2

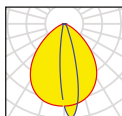
FLORENCE-1R



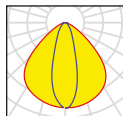
1R-Z60



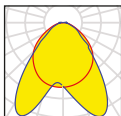
1R-Z90



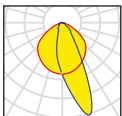
1R-MAXI-WG



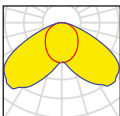
1R-O



1R-Z2T25



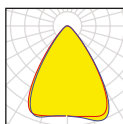
1R-ZT25



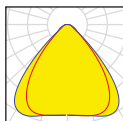
1R-UP



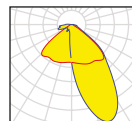
FLORENCE-1R-GC



1R-GC-Z60



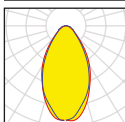
1R-GC-Z90



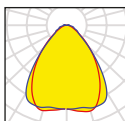
1R-GC-ZT25



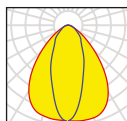
FLORENCE-3R-IP



3R-IP-Z60



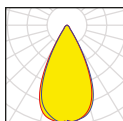
3R-IP-Z90



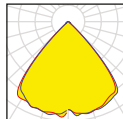
3R-IP-O



FLORENCE2



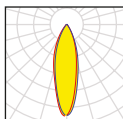
-Z60



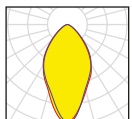
-Z90



FLORENCE-3R



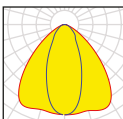
Z30



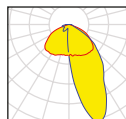
Z60



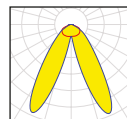
Z90



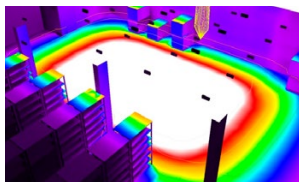
O



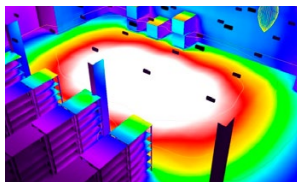
ZT25-S



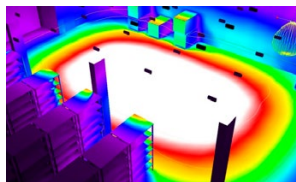
ZT25



(3R) Z30 ~7 meters



(3R) Z60 ~5 meters



(3R) Z90 ~3.5 meters



LINDA-24



LINDA-40

COMING

LINDA

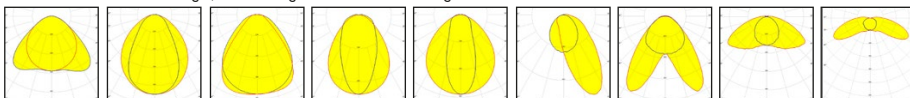
www.ledil.com/linda

LINDA-24

Compatibility: Single row mid-power up to 24 mm wide Zhaga PCBs

name	beam type	h	d *	typ. FWHM	typ. eff.	typ. cd/lm
LINDA-WWW	extra wide	6.3	26 x 1140	110 + 100	90	0.3
LINDA-WW	wide	5.3	26 x 1140	65 + 100	90	0.4
LINDA-WW2	wide	5.3	26 x 1140	97 + 87	89	0.4
LINDA-W60	wide	6.3	26 x 1140	60 + 90	88	0.4
LINDA-O	oval	4.9	26 x 1140	40 + 100	88	0.5
LINDA-ZT25	asymmetric	6.5	26 x 1140	asymm.	89	0.5
LINDA-ZT25	double asymmetric	5.3	26 x 1140	asymm.	89	0.4
LINDA-UP	wide-area lighting	7.8	26 x 1140	105 + 145	88	0.2
LINDA-UP2	wide-area lighting	11.4	26 x 1140	165 + 130	88	0.3

* North American 48 inch length, 3.01 m length and other custom lengths available



WWW

WW

WW2

W60

O

ZT25

ZT25

UP

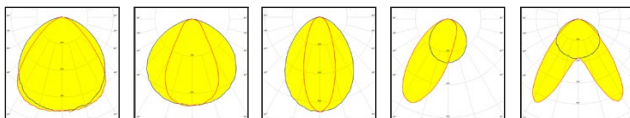
UP2

LINDA-40

COMING

Compatibility: Single row mid-power up to 24 mm wide Zhaga PCBs

name	beam type	h	d	typ. FWHM	typ. eff.
LINDA-40-WW	wide	9	40 x 1140	90	88
LINDA-40-W	wide	9	40 x 1140	60	84
LINDA-40-O	oval	9	40 x 1140	86 + 40	87
LINDA-40-ZT25	asymmetric	9	40 x 1140	asymm.	83
LINDA-40-ZT25	double asymmetric	9	40 x 1140	asymm.	84



WW

W

O

ZT25

ZT25



CLAUDIA

NEW

VIOLET is the first standard silicone optic in the world designed specifically for UV-C applications.



VIOLET



VANESSA-B-O



DAHLIA-TL110

CLAUDIA

www.ledil.com/claudia

Compatibility: Optimized for 2835 and compatible with up to 5630 size mid-power LED packages

name	h	d	typ. FWHM	typ. eff.
CLAUDIA-60	9.6	279.3 x 29.3	60	94
CLAUDIA-90	8.1	279.3 x 29.3	81	94
CLAUDIA-Z2T25	13.6	279.3 x 29.3	asymm.	91

VIOLET

www.ledil.com/violet

NEW



Compatibility: UV LEDs from Seoul Viosys, Nichia, etc.

name	h	d	typ. FWHM	typ. cd /lm
VIOLET-12X1-RS	8.8	295 x 42	14	8.6
VIOLET-12X1-S	8.8	295 x 42	20	1.4
VIOLET-12X1-W	8.8	295 x 42	60	0.8

DAHLIA

www.ledil.com/dahlia

Compatibility: Typical horticultural 3535 HP LEDs

name	h	d	typ. FWHM	typ. eff.
DAHLIA-TL110	11	321 x 79	120	94

VANESSA

www.ledil.com/vanessafamily

Compatibility: Up to 3535 size LED packages

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
VANESSA-S	spot	12	8	295 x 16	17	90	7.1
VANESSA-M	medium	12	8	295 x 16	26	89	TBA
VANESSA-O	oval	12	8	295 x 16	42 + 19	82	2.1
VANESSA-B-S	spot	12	8	295 x 16	22	93	4.1
VANESSA-B-W	wide	12	8	295 x 16	37	92	1.7
VANESSA-B-O	oval	12	8	295 x 16	45 + 21	88	1.8

DAISY

www.ledil.com/daisy

TESTED FOR
TUNABLE
WHITE

Compatibility:

- Optimized for 2835 and compatible with up to 5630 size mid-power LED packages
- Recommended to be used with two LEDs per one optic which can be up to 5630 in size
- Can be used with single domeless 5050 size LED packages
- Compatible with up to 4 ft long PCBs

Colours: black and white (gloss or matt),
also available with metallized shade

Lenses: clear or diffused

DAISY-28X1

name	h	d	typ. FWHM	typ. eff.
DAISY-28X1-W	20.2	1140 x 40	50	95
DAISY-28X1-WW	20.2	1140 x 40	90	95
DAISY-28X1-W2	20.2	1140 x 40	65	89

DAISY-8X1

name	h	d	typ. FWHM	typ. eff.
DAISY-8X1-M	20.3	305 x 38	27	86
DAISY-8X1-W	0.8in	12in x 1.5in	50	89
DAISY-8X1-WW	0.8in	12in x 1.5in	90	83

DAISY-7X1

name	h	d	typ. FWHM	typ. eff.
DAISY-7X1-O	20.3	280 x 40	25	80
DAISY-7X1-W	20.3	280 x 40	56	90
DAISY-7X1-WW	20.3	280 x 40	77	88
DAISY-7X1-W2	20.3	280 x 40	64	89
DAISY-7X1-ZT25	20.3	280 x 40	TBA	TBA

DAISY-4X1

name	h	d	typ. FWHM	typ. eff.
DAISY-4X1-W	20.2	182 x 40	50	95
DAISY-4X1-WW	20.2	182 x 40	90	95

DAISY-2X2

name	h	d	typ. FWHM	typ. eff.
DAISY-2X2-W	21	80 x 80	55	90
DAISY-2X2-WW	21	80 x 80	77	88

DAISY-MINI

name	h	d	typ. FWHM	typ. eff.
DAISY-MINI-M	13.3	279.5 x 21	33	82
DAISY-MINI-W	13.3	279.5 x 21	53	86
DAISY-MINI-WW	13.3	279.5 x 21	66	84

LILIAN

www.ledil.com/lilian

Compatibility: Optimized for up to 20 mm wide high-power and CSP PCBs and for 1.0 mm thick profiles

name	h	d	typ. FWHM	typ. eff.
LILIAN-ON	14.8	286 x 27	10 + 60	92

SHELLY

www.ledil.com/shelly

Compatibility: Up to 3535 size LED packages

name	h	d	typ. FWHM	typ. eff.
SHELLY-T-6X1-N	7	119.8 x 19.6	asymm.	94
SHELLY-T-6X1-WAS	7.6	119.8 x 19.6	asymm.	94

PATENTED



DAISY



DAISY-MINI



LILIAN



SHELLY-T-6X1-WAS

LINNEA

The regular LINNEA and its clips are designed to be fastened on 1.0 mm thick and LINNEA-B for 0.5 mm thick installation surfaces

Compatibility: Optimized for the most common Zhaga mid-power 20 and 24 mm wide PCBs

name	h	d	typ. FWHM	typ. eff.
LINNEA-60 *	12	285 x 40	60	85
LINNEA-90 *	9.5	285 x 40	90	85
LINNEA-O *	12	285 x 40	35 + 70	81
LINNEA-Z2T25 *	10.3	285 x 40	asymm.	87
LINNEA-ZT25 *	9.5	285 x 40	asymm.	80
LINNEA-UP	10.3	285 x 40	asymm.	79

* B-version available ** Optical variant

LINNEA-GC

Compatibility: Optimized for up to 24 mm wide mid-power PCBs and 1.0 mm thick profiles. Compatible with same luminaires as basic LINNEA but requires a new PCB.

name	h	d	typ. FWHM	typ. eff.
LINNEA-GC-90	9.5	285 x 40	90	85
LINNEA-GC-60	12.2	285 x 40	60	93
LINNEA-GC-O	12.8	285 x 40	73 + 43	91

LINNEA-GC2

NEW

LINNEA-GC2 delivers low UGR for high visual comfort applications with its uniformly lit, microprismatic lens surface.

Compatibility: Optimized for up to 24 mm wide mid-power PCBs and 1.0 mm thick profiles.

name	h	d	typ. FWHM	typ. eff.
LINNEA-GC2-110	15.2	284 x 43	110	88
LINNEA-GC2-90	15.2	284 x 43	90	88
LINNEA-GC2-60	15.2	284 x 43	60	93
LINNEA-GC2-30	15.2	284 x 43	30	92
LINNEA-GC2-O	15.2	284 x 43	30 + 60	93
LINNEA-GC2-ZT25	15.2	284 x 43	asymm.	86
LINNEA-GC2-Z2T25	15.2	284 x 43	asymm.	86
LINNEA-GC2-WG	15.2	284 x 43	asymm.	90

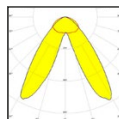
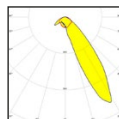
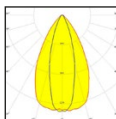


110

90

60

30



O

ZT25

Z2T25

LINNEA-2R

Compatibility: Optimized for Signify Fortimo Edge 2-row board

name	h	d	typ. FWHM	typ. eff.
LINNEA-2R-O	8.6	567 x 40	90 + 30	94



LINNEA



LINNEA-GC



LINNEA-GC2



LINNEA-2R



ALISE



ELISE

ALISE-50, -70, -110
www.ledil.com/alise


Ø50/70/110 mm aluminum reflector family for down- and track lights

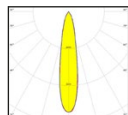
Compatibility:

Optimized:

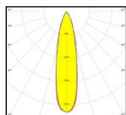
- Ø50 mm: LES 10 mm
- Ø70 mm: LES 14.5 mm
- Ø110 mm: LES 22 mm

Optimized for Zhaga connectors e.g. Lumawise LED holders Z35, Z45, Z50

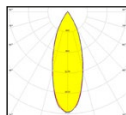
name	beam	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ALISE-50/70/110-S	spot	25 / 42 / 65	50 / 70 / 110	15	92	5.3
ALISE-50/70/110-M	medium	25 / 42 / 65	50 / 70 / 110	24	92	4.1
ALISE-50/70/110-W	wide	25 / 42 / 65	50 / 70 / 110	36	92	2.3
ALISE-50/70/110-WW	extra wide	25 / 42 / 65	50 / 70 / 110	60	91	1.0



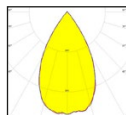
S



M



W



WW

ELISE-50, -70, -110
www.ledil.com/elise

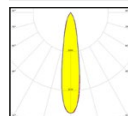
Compatibility

Optimized:

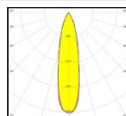
- Ø50 mm: LES 10 mm
- Ø70 mm: LES 14.5 mm
- Ø110 mm: LES 22 mm

Optimized for Lumawise LED holders Z35L, Z45L, Z50L

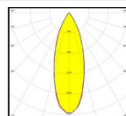
name	beam	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ELISE-50/70/110-S	spot	25 / 42 / 65	50 / 70 / 110	15	90	4.1
ELISE-50/70/110-M	medium	25 / 42 / 65	50 / 70 / 110	24	90	3.2
ELISE-50/70/110-W	wide	25 / 42 / 65	50 / 70 / 110	36	90	2.0
ELISE-50/70/110-WW	extra wide	25 / 42 / 65	50 / 70 / 110	60	90	0.9



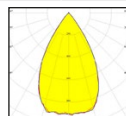
S



M



W



WW

Additional accessories compatible with ALISE and ELISE

ALISE-50-RING	mounting ring
ALISE-70-RING	mounting ring
ALISE-110-RING	mounting ring
ALISE-110-CL	clear sublens
ALISE-110-DL	diffused sublens



ELLA

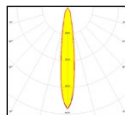
ELLAwww.ledil.com/ella

Compatibility: Optimized for 4-8 mm LES size COBs

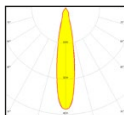
When used with OLGA holder compatible with up to 7070 size LED packages

name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
ELLA-30-S	30 / 32*	17.2 / 20*	15°	91	8.5
ELLA-30-M	30 / 32*	17.2 / 20*	28°	90	4.5
ELLA-30-W	30 / 32*	17.2 / 20*	38°	88	2.4
ELLA-30-WW	30 / 32*	17.2 / 20*	55°	90	1.3

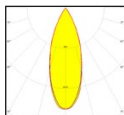
* with holder



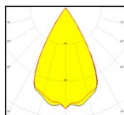
ELLA-30-S



ELLA-30-M



ELLA-30-W



ELLA-30-WW

LEDiL SYSTEM REFLECTORS

One luminaire to qualify them all. Change only the reflector to use same fixture for multiple purposes. Wide LED and fastening compatibility with additional sockets for twist and lock or press fit installations. Enhance with the LEDiL's patented RZ-technology for smoother uniform light patterns.



BROOKE-G2

www.ledil.com/brooke-g2
NN
KONNTAKT

Compatible with LEDiL HEKLA baseparts (page 43)

Compatibility: COBs with LES size up to 19 mm

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BROOKE-G2-S	19.7	45	18	92	4.3
BROOKE-G2-M	19.7	45	28	92	2.0
BROOKE-G2-W	19.7	45	47	92	1.0

additional accessories

BARBARA-RZ-LENS color mixing sublens

LEDiL HEKLA (Check compatibility on page 43 or ledil.com)

TESTED FOR

TUNABLE

WHITE

Additional BARBARA-RZ-LENS
colour mixing sublens needed
for tunable white lighting



Ø50 mm LEDiL System Reflectors compatible with various accessories, sockets and solderless connectors

MIRELLA-G2

Compatible with LEDiL HEKLA baseparts (page 43)

Compatibility: COBs with LES size up to 14 mm

NN
KONNTAKT

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
MIRELLA-G2-S	24.8	49.9	15	90	6.6
MIRELLA-G2-M	24.8	49.9	20	90	3.4
MIRELLA-G2-W	24.8	49.9	31	91	1.9
MIRELLA-G2-WW	24.8	49.9	50	85	1.3

additional accessories

MIRELLA-CL	clear lens
MIRELLA-DL	diffused lens
MIRELLA-RZL	colour mixing lens
LEDiL HEKLA (Check compatibility on page 43 or www.ledil.com)	

TESTED FOR**TUNABLE WHITE**

Additional MIRELLA-RZL colour mixing lens needed for tunable white lighting

MIRELLA-PF

Press-fit fastening with LEDiL sockets

Compatibility:

- COBs with LES size up to 14 mm
- 3rd party connectors from Bender+Wirth and Ideal
- LEDiL baseparts with PF-interface (page 42)

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
MIRELLA-50-S-PF	24	49.9	17	88	5.4
MIRELLA-50-M-PF	24	49.9	32	88	1.9
MIRELLA-50-W-PF	24	49.9	43	87	1.3
MIRELLA-50-XW-PF	24	49.9	78	92	0.6

additional accessories

MIRELLA-CL	clear lens
MIRELLA-DL	diffused lens
MIRELLA-RZL	color mixing lens



MIRELLA-G2



MIRELLA-PF

BARBARAwww.ledil.com/barbara

Ø70 mm LEDiL System Reflectors compatible with various accessories, sockets and solderless connectors.

BARBARA-G2

Compatible with LEDiL HEKLA baseparts (page 43)

Compatibility: COBs with LES size up to 18 mm

NN
KONNTAKT

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BARBARA-G2-S	41.9	70	13	91	9.8
BARBARA-G2-M	41.9	70	25	92	3.6
BARBARA-G2-W	41.9	70	40	90	1.7
BARBARA-G2-WW	41.9	70	60	92	1.1

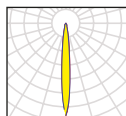
additional accessories

BARBARA-RZ-LENS color mixing sublens

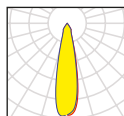
LEDiL HEKLA (Check compatibility on page 43 or www.ledil.com)

TESTED FOR
**TUNABLE
WHITE**

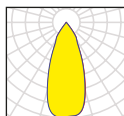
Additional BARBARA-RZ-LENS colour mixing sublens needed for tunable white lighting



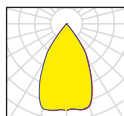
G2-S



G2-M



G2-W



G2-WW

BARBARA-PF

Press-fit fastening for LEDiL sockets

Compatibility:

- COBs with LES size up to 19 mm
- 3rd party connectors from Bender+Wirth
- LEDiL baseparts with PF-interface (page 42)

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BARBARA-S-PF	41.7	70	21	88	3.6
BARBARA-W-PF	41.7	70	28	85	2.5
BARBARA-WW-PF	41.7	70	64	84	1.2
BARBARA-XW-PF	41.7	70	74	90	0.7

additional accessories

see www.ledil.com



BARBARA-G2



BARBARA-PF

LENA / LENINA

Ø111 mm and Ø74 mm LEDil System Reflectors compatible with various sublenses and sockets.

LENA

www.ledil.com/lenafamily

Compatibility:

- COBs with LES size up to 35 mm
- 3rd party connectors from Ideal, Stucchi and Bender+Wirth
- LENA/LENINA baseparts (page 42)

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
LENA-S	S	111	86	11	85	7.6
LENA-SS	SS	111	86	18	82	5.0
LENA-M	M	111	86	22	83	2.5
LENA-W	W	111	86	46	82	1.3
LENA-WAS	WAS	111	37	asymm.	82	1.1

additional accessories

LENA-LENS	diffuser lens
LENA-CLEAR-LENS	clear lens

LENINA

www.ledil.com/leninafamily

Compatibility:

- COBs with LES size up to 35 mm
- 3rd party connectors from Ideal, Stucchi and Bender+Wirth
- Available with lacquer or HMDS aluminium coating
- Easy twist and lock latching mechanism
- LENA/LENINA baseparts (page 42)

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
LENINA-S	S	74	46	19	88	4.5
LENINA-M	M	74	46	31	87	2.1
LENINA-W	W	74	46	53	87	1.1
LENINA-XW	XW	74	46	73	89	0.6
LENINA-S-HMDS	NEW S	74	40	22	93	3.7
LENINA-M-HMDS	NEW M	74	40	37	93	1.9
LENINA-W-HMDS	NEW W	74	40	65	91	0.9

additional accessories

LENINA-DL	diffuser lens
LENINA-CL	clear lens



LENA



LENINA

ANGELA / ANGELINA / ANGELETTE

Ø120 mm, Ø82 mm and Ø110 mm reflector families part of the LEDiL's System Reflectors.
ANGELA/ANGELINA/ANGELETTE-B versions available with BJB compatible interface.

TESTED FOR Additional ANGE-RZ colour
TUNABLE mixing sublens needed for
WHITE tunable white lighting

ANGELA
www.ledil.com/angela-family

Compatibility:

- COBs with LES size up to 32 mm
- LEDiL baseparts with A-interface (page 42)
- 3rd party baseparts compatible with B-interface (page 42)

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
ANGELA-S	spot	119.5	74.27	10	89	3.2
ANGELA-M	medium	119.5	74.27	32	89	2.5
ANGELA-W	wide	119.5	74.27	46	89	1.4
ANGELA-XW	wide	119.5	74.27	72	93	0.6

additional accessories

ANGE-RZ color mixing sublens

ANGELINA
www.ledil.com/angelina-family

Compatibility:

- COBs with LES size up to 32 mm
- LEDiL baseparts with A-interface (page 42)
- 3rd party baseparts compatible with B-interface (page 42)

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
ANGELINA-S	spot	82	31	20	90	1.2
ANGELINA-M	medium	82	31	32	92	1.6
ANGELINA-W	wide	82	31	47	92	1.1
ANGELINA-XW	extra wide	82	31	91	93	0.5

additional accessories

ANGE-RZ color mixing sublens

ANGELETTE
www.ledil.com/angelette-family

Compatibility:

- COBs with LES size up to 32 mm
- LEDiL baseparts with A-interface (page 42)
- 3rd party baseparts compatible with B-interface (page 42)

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
ANGELETTE-S	spot	110	57.3	10	90	5.3
ANGELETTE-M2	medium	110	57.3	35	88	1.4
ANGELETTE-M	medium	110	57.3	50	89	1.2
ANGELETTE-WW	extra wide	110	57.3	70	90	0.8
ANGELETTE-WAS	asymmetric	97.2 x 83.4	84	asymm.	92	1.4

additional accessories

ANGE-RZ color mixing sublens

ANGELETTE-LENS clear lens for symmetrical ANGELETTE reflectors

ANGELETTE-DL diffusing lens for symmetrical ANGELETTE reflectors

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
ANGELETTE-S-PLAIN	spot	110	57.3	10	89	8.1
ANGELETTE-M-PLAIN	medium	110	57.3	50	89	1.2
ANGELETTE-WW-PLAIN	extra wide	110	57.3	63	89	1.1

additional accessories

ANGE-RZ color mixing sublens



ANGELA / ANGELINA



ANGELETTE-PLAIN

MINNIE

www.ledil.com/minnie

Available with or without holder. Diameter 35 mm (32.4 mm without holder), typical height ≈ 15 mm.

Compatibility: Up to 7070 size LED packages

name	beam type	h	typ. FWHM	typ. eff.	typ. cd/lm
MINNIE-M	medium	15	24	90	2.6
MINNIE-W	wide	15	33	89	2.0
MINNIE-WWW	extra wide	15	69	91	0.9
MINNIE-XW	extra2 wide	15	90	92	0.5
MINNIE-LT-M	medium	15	21	92	2.0
MINNIE-LT-W	wide	15	29	92	2.0
MINNIE-LT-WWW	extra wide	15	62	93	0.87



BOOM

www.ledil.com/boom

Compatibility: Up to 7070 size LED packages

name	h	d	typ. FWHM	typ. cd/lm
BOOM-S	14	22.2	18	3.6
BOOM-M	14	22.2	32	1.9
BOOM-W	14	22.2	55	1.1
BOOM-XW	14	22.2	70	0.67



BRIDGET

www.ledil.com/bridget

Compatibility: Up to 7070 size LED packages and COB's with LES size up to 10 mm

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BRIDGET-S-UNI	12.8	22.6	44	85	1.0
BRIDGET-M-UNI	12.8	22.6	52	84	1.1
BRIDGET-W-UNI	12.8	22.6	61	87	1.0

RITA

www.ledil.com/rita

Compatibility: Up to 5050 size LED packages

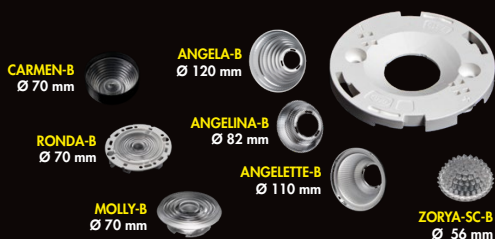
name	beam type	h	d	typ. eff.	typ. cd/lm
RITA-A	asymmetric	17	36 x 28.4	87	0.6
RITA-WAS	asymmetric	17	31.9 x 28.4	85	0.63



A-INTERFACE



B-INTERFACE



PF-INTERFACE



LENA / LENINA INTERFACE



A-INTERFACE

C13584_CLAMP-VERO29 *
C16140_CLAMP-VERO29 (improved)
C13658_CLAMP-VERO13-18
C16402_CLAMP-VEROSE-13-18 *
C14036_CLAMP_CXA25-30
C14123_CLAMP-CXA15-18
C16685_CLAMP-PRV-A
C16791_CLAMP-Z45-A
C16491_XTM-ADAPTER-50-A

B-INTERFACE

C15743_XTM-ADAPTER-50-B **

LENA/LENINA INTERFACE

C14547_LENA-ADAPTER-B ***
C13186_LENA-STD-BASE-CXA15
C14146_LENA-STD-BASE-CXA18
C13324_LENA-STD-BASE-CXA25
C13868_LENA-STD-BASE-VERO13-18 *
C15570_LENA-STD-BASE2-VERO13-18
C13867_LENA-STD-BASE-VERO29 *
C15083_LENA-STD-BASE-VERO29
C11981_LENA-STD-BASE-COB-L110
C12292_LENA-STD-BASE-MEZ
C12691_LENA-STD-BASE-CLL030
C12692_LENA-STD-BASE-CLL040

PF-INTERFACE

C13083_PF-SOCKET
C13708_PF-SOCKET-VERO10
C13709_PF-SOCKET-VERO13-18 *
C13761_PF-SOCKET-CXA15
C14037_PF-NSX-SOCKET
C14115_PF-SOCKET-CXA15-18
C14636_XTM-PF-ADAPTER

A-INTERFACE (3RD PARTY)

TE: Z50 STD PROFILE + TE OPTIC CLIP Z50 TYPE1
Osram Prevalde Core Z 50mm + TE OPTIC CLIP Z50 TYPE1
Osram PrevaLED Core AC + TE OPTIC CLIP Z50 TYPE1
Philips/Signify Fortimo SLM holder + TE OPTIC CLIP Z50 TYPE1
IDEAL: Chip-Lok + 50-2100AN
Bender+Wirth COB HOLDER HYBRID 630 - 3Hook

B-INTERFACE (3RD PARTY)

BJB 47.319
A.A.G. STUCCHI: 8000 G2
Tridonic SLE
Bender+Wirth COB HOLDER HYBRID 630 - Bayonet50

LENA/LENINA INTERFACE (3RD PARTY)

IDEAL: Chip-Lok + 50-2100LN
Bender+Wirth COB HOLDER HYBRID 630 - Lena

PF-INTERFACE (3RD PARTY)

IDEAL 50-2100MR + Chip-Lok

* Enables compatibility with Bender+Wirth solderless connectors

** Compatible with ANGELA-B, ANGELINA-B, ANGELETTE-B, ZORYA-SC-B, BARBARA-G2, MIRELLA-G2, BROOKE-G2, CARMEN-50-C

*** Enables compatibility with BJB solderless connector 50 mm, A.A.G. STUCCHI: 8000 G2, Tridonic SLE)

HEKLA

BARBARA-G2
Ø 70 mm

MIRELLA-G2
Ø 50 mm

BROOKE-G2
Ø 45 mm

CARMEN (+ HLD-C)
Ø 70 mm
Ø 50 mm

ZORYA
Ø 55 mm

RONDA (+ HLD-C)
Ø 54 mm

WINNIE (+ HLD-C)
Ø 50 mm

AMY (+ HLD-C)
Ø 50 mm

**YASMEEN
(+ HLD-C)**
Ø 70 mm
Ø 50 mm

ILONA
Ø 50 mm
ILONA-ZOOM
Ø 52.5 mm

NN
KONNTAKT

BASEPARTS

HEKLA connectors and sockets

Compatibility: One interface for a variety of LEDil optics and COBs

Usability: Easy to use twist and lock mechanism for optics assembly and replacement with pre-fix for COBs

Durability: Long lasting materials that can handle high temperatures without losing grip

Rated voltage: 150 V

Rated current: 3 A

connectors	LED package
HEKLA-C-G2	13.5 x 13.5 mm
HEKLA-D-G2	15.85 x 15.85 mm
HEKLA-H-G2	19 x 16 mm
HEKLA-I-G2	19 x 19 mm
HEKLA-J-G2	13.35 x 13.35 mm
sockets	LED package
HEKLA-SOCKET-A	12.5 x 12.5 mm
HEKLA-SOCKET-B	17.85 x 17.85 mm
HEKLA-SOCKET-C	13.5 x 13.5 mm
HEKLA-SOCKET-D	15.85 x 15.85 mm
HEKLA-SOCKET-E	15.8 x 15.8 mm
HEKLA-SOCKET-F	
HEKLA-SOCKET-G	15 x 12 mm
HEKLA-SOCKET-H	19 x 16 mm
HEKLA-SOCKET-I	19 x 19 mm
HEKLA-SOCKET-J	13.35 x 13.35 mm
HEKLA-SOCKET-K	Bender+Wirth 4xx/Typ-L8
XTM-ADAPTER-50-B & -C	

Check the LED compatibility at www.ledil.com/hekla

HEKLA 3RD PARTY CONNECTORS

Bender+Wirth COB HOLDER HYBRID 630 - Hekla

PATENTED

MODULAR SOLUTIONS

STRADA-SQ

STRADA-2X2

STRADA-2X2CSP

STRADA-2X2-5050

STRADA-2X2-DB

SITARA

STRADA-IP-2X6

STRADA-2X2MX

STRADA-2X2MXS

STRADA-IP-8MX

STRADA-IP-16MX

STRADELLA

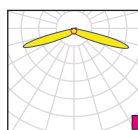
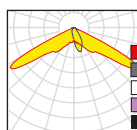
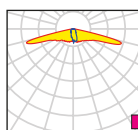
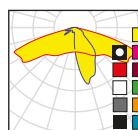
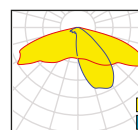
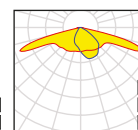
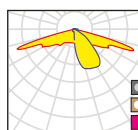
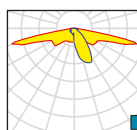
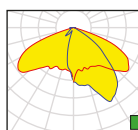
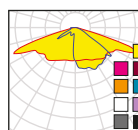
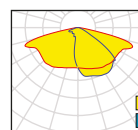
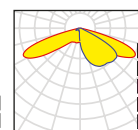
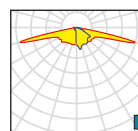
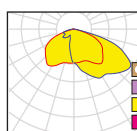
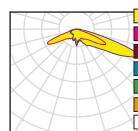
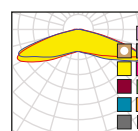
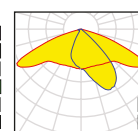
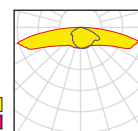
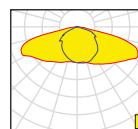
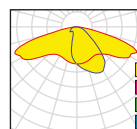
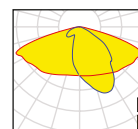
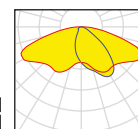
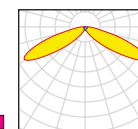
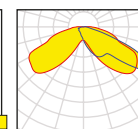
STRADELLA-8

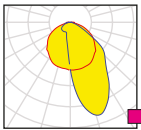
STRADELLA-8-CSP

STRADELLA-16

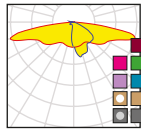
STRADELLA-IP-28

STRADELLA-IP-64

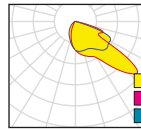
T1
IESNA Type I (medium)T1-A
IESNA Type I (short)T1-M
IESNA Type I (medium)
beam for European
P-class standardT2
IESNA Type II (medium)T2-B
IESNA Type II,
minimized house side
backlightT2-C
IESNA Type II, added
house side backlightT2-M
IESNA Type II (medium)T2-L
IESNA Type II (long)T2-S
IESNA Type II (short)T3
IESNA Type III
(medium)T3B / T3-B
IESNA Type III
(medium), minimized
backlightT3-M
IESNA Type III
(medium)T3-L
IESNA Type III (long)T4
IESNA Type IVT4-B
IESNA Type IV,
forward throw beamVSM
IESNA Type V (square)A-T
Short IESNA Type IIANZ-P
Pedestrian lighting
in Australia &
New ZealandANZ-V
Vehicular road lighting
in Australia &
New ZealandDWC / T-DWC
Universal road lighting
(Typ. IESNA Type III
Medium)DWC2
Universal road lighting
(Typ. IESNA Type III
Medium)DNW
Soft wide beam with
good illuminance
uniformityDW / T-DW
Soft wide beam with
good illuminance
uniformityFW
Wide light distribution,
residential streets,
staggered pole setup



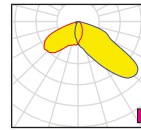
NHS
narrow beam,
minimal house side light



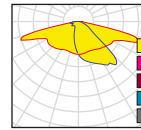
SCL
Type II/III (long),
ideal for pedestrian paths
and residential roads



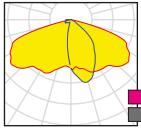
PX
Double asymm.,
pedestrian crossings,
right side traffic



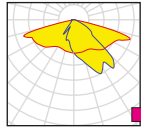
PXL
Double asymm.,
pedestrian crossings,
left side traffic



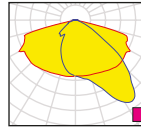
ME
Excellent longitudinal
luminance uniformity
fulfilling EN13201
M-class requirements



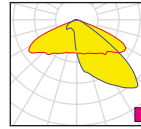
ME-N
Designed for high poles,
fulfilling EN13201
M-class requirements



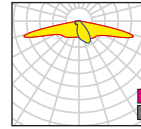
ME-WIDE1
Fulfilling EN13201 M-class
requirements, added
house side backlight



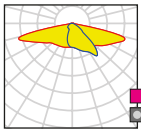
ME-WIDE2
For staggered pole
setups fulfilling EN13201
M-class requirements



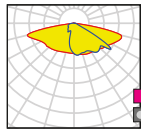
MEW
Extremely low glare
fulfilling EN13201 M-class
requirements for wet road
surfaces in North Europe



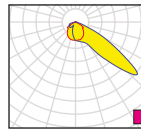
LN1
For EN13201 M-class
requirements with high
poles or where road width
≤ the pole height



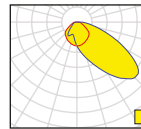
LM1
For EN13201 M-class
requirements where road
width ≥ the pole height



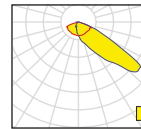
LW1
For EN13201 M-class
requirements where road
width > the pole height



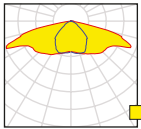
FN
Narrow forward throw
beam for area lighting



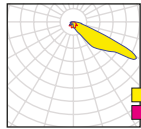
FT
Forward throw beam for
area lighting



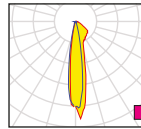
F5
Forward throw beam for
area lighting



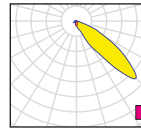
FS2
For symmetrical tunnel
lighting and parking
garages, ideal for
catenary street lighting



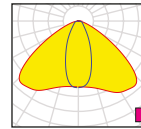
FS3
Forward throw beam
optimized for European
tunnels, extremely efficient
lighting with counter-beam
method



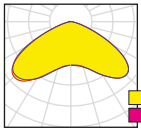
FR
Asymmetric spot light
beam for floodlighting
railway tracks according to
Russian normative



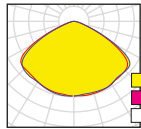
TF
Narrow forward throw
beam optimized for
European tunnels



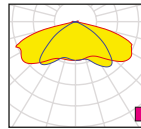
B2
For area lighting and
applications demanding
a wide oval beam pattern



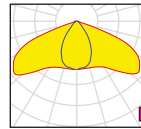
C
For area and street
lighting such as parks
and pedestrian walkways



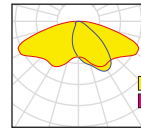
CY
For canopy lighting with
batwing light distribution,
suitable for symmetrical
tunnel lighting



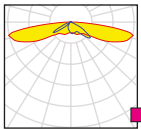
CAT
Catenary street light
beam optimized for
EN13201 M-classes



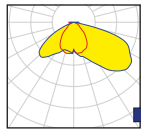
CAT-B
Narrow catenary street
light beam optimized for
EN13201 M-classes and
tilted poles



DN / T-DN
For area lighting with
shorter illumination
distances



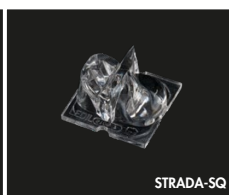
XW
Wide beam



DB
For floodlighting the
area between the
railway tracks according
to DB requirements.



STRADA



STRADA-SQ



STRADA-2X2



STRADA-2X2CSP

STRADAwww.ledil.com/strada**STRADA single lenses****PATENTED**

Compatibility: Up to 3535 sized LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-A	19.6 x 15.5	10.8	92	80 x 146
STRADA-A2	19.6 x 15.5	10.6	92	72 x 141
STRADA-B	19.6 x 15.5	6	93	105 x 44
STRADA-B2	19.6 x 15.5	5.3	92	111 x 47
STRADA-C	19.6 x 15.5	5.3	92	125
STRADA-C2 (NP & CLIP versions)	19.6 x 15.5	6.4	92	120
STRADA-DW	19.6 x 15.5	9.6	92	89 x 142
STRADA-T-DW	19.6 x 15.5	10.8	93	
STRADA-T-DW-EP	19.6 x 15.5	10.7	92	
STRADA-DN	19.6 x 15.5	5.9	92	107 x 58
STRADA-T-DN	19.6 x 15.5	8.9	92	
STRADA-T-DN-EP	19.6 x 15.5	8.8	91	
STRADA-FT	19.6 x 15.5	8.3	91	
STRADA-FW	19.6 x 15.5	10.9	92	
STRADA-K	19.6 x 15.5	8.7	96	
STRADA-S	19.6 x 15.5	6.9	93	149 x 159
STRADA-S-14	19.6 x 15.5	6.9	93	149 x 159
STRADA-ME	19.6 x 15.5	5.7	92	

STRADA-SQ**PATENTED**

Compatibility: Up to 7070 sized LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-SQ-ANZ-P	25 x 25	8.12	91	asymm.
STRADA-SQ-ANZ-V	25 x 25	8.1	93	asymm.
STRADA-SQ-CY	25 x 25	10.1	94	120 + 115
STRADA-SQ-T2	25 x 25	8.5	90	asymm.
STRADA-SQ-T2-B	25 x 25	10.35	92	asymm.
STRADA-SQ-T3	25 x 25	8.5	90	asymm.
STRADA-SQ-T3B	25 x 25	8.4	93	asymm.
STRADA-SQ-T4 (+ NP version)	25 x 25	9.4	93	asymm.
STRADA-SQ-T4-B	25 x 25	11.85	90	asymm.
STRADA-SQ-ME (+ NP version)	25 x 25	8.8	92	asymm.
STRADA-SQ-FS (+ NP version)	25 x 25	12.3	93	asymm.
STRADA-SQ-FS2	25 x 25	8.2	90	asymm.
STRADA-SQ-FS3	25 x 25	16.2	91	asymm.
STRADA-SQ-A-T	25 x 25	9.1	93	asymm.
STRADA-SQ-T-DN	25 x 25	8.5	90	asymm.
STRADA-SQ-T-DW	25 x 25	11.4	91	asymm.
STRADA-SQ-T-DW-90	25 x 25	11.4	91	asymm.
STRADA-SQ-T-DWC	25 x 25	9.1	93	asymm.
STRADA-SQ-VSM	25 x 25	6.9	93	152
STRADA-SQ-FT	25 x 25	12.5	90	asymm.
STRADA-SQ-PX	25 x 25	9.2	93	asymm.
STRADA-SQ-FW	25 x 25	15.3	90	asymm.

STRADA-2X2 modules**PATENTED**

Compatibility: Up to 5050 sized LED packages

STRADA-2X2 glare reducing shade available in black and white. Check compatibility.

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-2X2-T1 **	50 x 50	7.78	94	asymm.
STRADA-2X2-T2 **	50 x 50	7.7	94	asymm.
STRADA-2X2-T2-C	50 x 50	7.34	94	asymm.
STRADA-2X2-T2-M **	50 x 50	11.85	94	asymm.
STRADA-2X2-T3 * / **	50 x 50	7	94	asymm.
STRADA-2X2-T3-M	50 x 50	9.73	93	asymm.
STRADA-2X2-T4	50 x 50	7	94	asymm.
STRADA-2X2-T4-B **	50 x 50	9.02	93	asymm.
STRADA-2X2-ME **	50 x 50	8.2	94	asymm.
STRADA-2X2-ME-WIDE1	50 x 50	8.3	84	asymm.
STRADA-2X2-ME-WIDE2	50 x 50	7	81	asymm.
STRADA-2X2-ME-N	50 x 50	6.7	94	asymm.
STRADA-2X2-MEW	50 x 50	10.16	88	asymm.
STRADA-2X2-DWC **	50 x 50	6	93	asymm.
STRADA-2X2-DNW	50 x 50	11	93	asymm.
STRADA-2X2-A-T	50 x 50	7.3	93	asymm.
STRADA-2X2-VSM**	50 x 50	6.14	94	150
STRADA-2X2-CAT	50 x 50	6.2	94	asymm.
STRADA-2X2-CAT-B **	50 x 50	7.73	94	asymm.
STRADA-2X2-SCL **	50 x 50	7.8	94	asymm.
STRADA-2X2-FW	50 x 50	11.98	92	asymm.
STRADA-2X2-FN **	50 x 50	10	94	asymm.
STRADA-2X2-FR	50 x 50	11.8	93	15 + 16
STRADA-2X2-DN	50 x 50	8.05	94	asymm.
STRADA-2X2-XW	50 x 50	7	94	asymm.
STRADA-2X2-B2-STP	50 x 50	5.18	93	asymm.
STRADA-2X2-C-STP **	50 x 50	6.27	94	asymm.
STRADA-2X2-PX **	50 x 50	8	94	asymm.
STRADA-2X2-PXL	50 x 50	8	94	asymm.
STRADA-2X2-NHS	50 x 50	9.8	90	asymm.
STRADA-2X2-CY **	50 x 50	7.8	94	120
STRADA-2X2-TF	50 x 50	8.73	94	asymm.
STRADA-2X2-FS3 **	50 x 50	12	94	asymm.
STRADA-2X2-LN1	NEW 50 x 50	7.1	94	asymm.
STRADA-2X2-LM1	NEW 50 x 50	7.2	94	asymm.
STRADA-2X2-LW1	50 x 50	7.2	94	asymm.
STRADA-2X2-T1-M	50 x 50	6.5	94	asymm.
STRADA-2X2-DB	NEW 50 x 50	8.1	92	asymm.

* Available in silicone

** Available also in PC

STRADA-2X2CSP**PATENTED**

Compatibility: Designed for cost driven CSP (chip scale package) LEDs, and optimized for high-power CSPs.

Can be used with a cluster of 4 CSP LEDs under one optic.

name	height	dimensions	typ. eff.	typ. FWHM
STRADA-2X2CSP-SCL	7.49	50 x 50	94	asymm.
STRADA-2X2CSP-VSM	6.95	50 x 50	94	asymm.
STRADA-2X2CSP-T2	7.7	50 x 50	94	asymm.
STRADA-2X2CSP-T3	6.5	50 x 50	94	asymm.
STRADA-2X2CSP-T4-B	6.84	50 x 50	94	asymm.
STRADA-2X2CSP-ME	6.6	50 x 50	93	asymm.

STRADA-2X2-5050**PATENTED**

Compatibility: Flat 5050 size LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-2X2-5050-T2-C	50 x 50	7.0	85	asymm.
STRADA-2X2-5050-T2-C2	50 x 50	7.4	94	asymm.
STRADA-2X2-5050-T2-C3 NEW	50 x 50	9.7	94	asymm.
STRADA-2X2-5050-T2-M	50 x 50	7.2	79	73 + 152
STRADA-2X2-5050-T3-M	50 x 50	7.3	92	asymm.

STRADA-IP-2X6 modules**PATENTED**

Compatibility: Up to 5050 size LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-IP-2X6-T2 *	173 x 71.4	9.2	94	asymm.
STRADA-IP-2X6-T2-B *	173 x 71.4	12.03	95	asymm.
STRADA-IP-2X6-T2-B-90	173 x 71.4	12.03	94	asymm.
STRADA-IP-2X6-T2-C-90 *	173 x 71.4	9.0	94	asymm.
STRADA-IP-2X6-T2-L	173 x 71.4	13	93	asymm.
STRADA-IP-2X6-T3 *	173 x 71.4	8.5	94	asymm.
STRADA-IP-2X6-T3-B	173 x 71.4	12.75	94	asymm.
STRADA-IP-2X6-T3-B-90	173 x 71.4	12.75	94	asymm.
STRADA-IP-2X6-T3-L *	173 x 71.4	13	94	asymm.
STRADA-IP-2X6-T4-B *	173 x 71.4	10.57	94	asymm.
STRADA-IP-2X6-DWC *	173 x 71.4	7.9	93	asymm.
STRADA-IP-2X6-DWC-90 *	173 x 71.4	8.98	94	asymm.
STRADA-IP-2X6-ME *	173 x 71.4	8.4	94	asymm.
STRADA-IP-2X6-VSM *	173 x 71.4	9	94	asymm.
STRADA-IP-2X6-SCL *	173 x 71.4	9.6	94	asymm.
STRADA-IP-2X6-FW	173 x 71.4	13.1	92	asymm.
STRADA-IP-2X6-PX	173 x 71.4	9.6	94	asymm.

* Available also in PC

STRADA-IP-8MX modules**PATENTED**

Compatibility: Optimized for flat 5050 packages (without dome)

name	dimensions	height	typ. eff.
STRADA-IP-8MX-T2-C-PC	90 x 90	9.6	85
STRADA-IP-8MX-SCL-PC	90 x 90	11.2	86
STRADA-IP-8MX-DWC2-PC	90 x 90	10.14	89

STRADA-IP-16MX modules**PATENTED**

Compatibility: CSP LEDs

name	dimensions	height	typ. eff.
STRADA-IP-16MX-T2-M	90 x 90	8.6	90
STRADA-IP-16MX-T3-M	90 x 90	8.6	90
STRADA-IP-16MX-VSM	90 x 90	8.6	90
STRADA-IP-16MX-T4	90 x 90	8.6	94
STRADA-IP-16MX-SCL	90 x 90	8.6	93



STRADA-2X2-5050



STRADA-IP-2X6



STRADA-IP-8MX

2X2^{mx}

STRADA-IP-16MX

2X2^{mx}

STRADA-2X2MX modules**PATENTED**

Compatibility: Up to 7070 size LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-2X2MX-8-DWC	90 x 90	11.3	94	asymm.
STRADA-2X2MX-8-VSM	90 x 90	13.4	94	asymm.
STRADA-2X2MX-8-SCL	90 x 90	13.17	94	asymm.
STRADA-2X2MX-8-T4-B	90 x 90	13.17	94	asymm.
STRADA-2X2MX-8-T2	90 x 90	12.57	94	asymm.
STRADA-2X2MX-8-T2-S	90 x 90	11.13	94	asymm.

Silicone STRADA-2X2MXS modules**PATENTED**

Compatibility: Up to 7070 size LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-2X2MXS-DWC2	90 x 90	14	93	asymm.
STRADA-2X2MXS-VSM	90 x 90	13	92	asymm.
STRADA-2X2MXS-T2	90 x 90	12.57	91	asymm.
STRADA-2X2MXS-T3	90 x 90	14.83	89	asymm.
STRADA-2X2MXS-T4-B	90 x 90	14.2	88	asymm.

STRADA-6X1 modules**PATENTED**

Compatibility: Up to 3535 size LED packages

name	LEDs	h	d	typ. eff.
STRADA-T-6X1-ME	6	8,2	119.8 x 25.2	93
STRADA-T-6X1-DNW	6	5,6	119.8 x 25.2	93
STRADA-T-6X1-DWC	6	5,5	119.8 x 25.2	94

SITARAwww.ledil.com/sitara

Compatibility: Optimized for 5050 size flat SMD LEDs

name	LEDs	h	d	typ. eff.
SITARA-2X2-T2	4	9.3	50 x 50	78
SITARA-T1-A	1	5.9	18 x 18	88
SITARA-T2	1	7.7	18 x 18	83
SITARA-HB-S	1	5.0	18 x 18	94
SITARA-HB-M	1	5.7	18 x 18	94

TATIANAwww.ledil.com/tatiana

Compatibility: Up to 3535 size LED packages

name	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TATIANA-1X4-B	4	7.7	102 x 25	144 + 62	94	0.54

STRADA-2X2MX & MXS **2X2^{mx}**

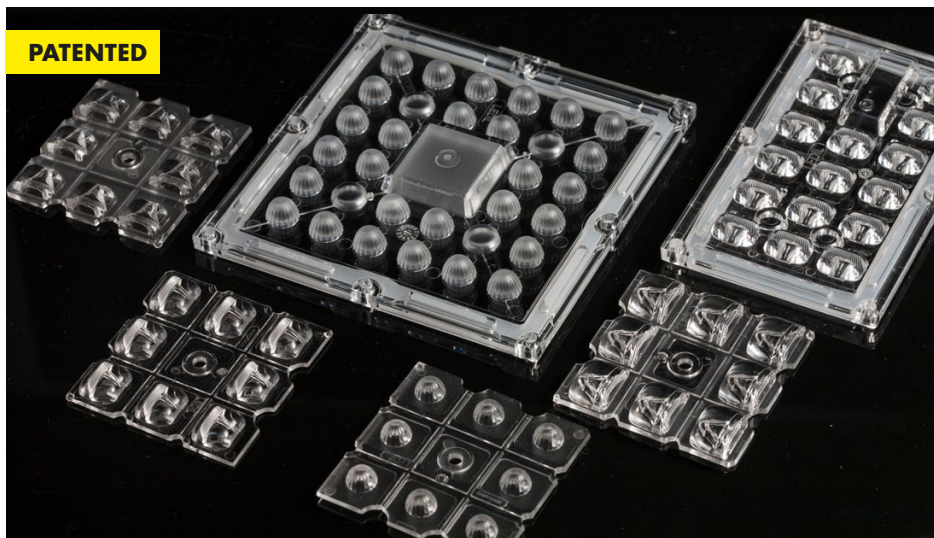
STRADA-6X1



SITARA



TATIANA-1X4-B

PATENTED**STRADELLA**www.ledil.com/stradellafamily**Compatibility:**

- STRADELLA single lens: Up to 3535 size mid- and high-power LEDs
- STRADELLA-8: Up to 3535 size mid- and high-power LEDs
- STRADELLA-8-CSP: CSP LEDs (top emitting, up to 2.8 x 2.8 x 0.5 mm), Fortimo FastFlex Gen5
- STRADELLA-8-5050: For flat 5050 size LEDs
- STRADELLA-16: Up to 3535 size mid-power LEDs
- STRADELLA-IP-16: Up to 3535 size mid and high power LEDs
- STRADELLA-IP-28: Up to 3535 size mid and high power LEDs
- STRADELLA-IP-64: Up to 3535 size mid and high power LEDs

STRADELLA

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-CY	wide area lighting	1	4.73	13.9 x 13.9	115	94	0.3
STRADELLA-T2	asymmetric	1	4.96	13.9 x 13.9	asymm.	94	0.8
STRADELLA-T3	asymmetric	1	4.96	13.9 x 13.9	asymm.	94	0.7
STRADELLA-T4-B	asymmetric	1	5.16	13.9 x 13.9	asymm.	93	0.6
STRADELLA-T1-A	asymmetric	1	5.32	13.9 x 13.9	asymm.	94	0.9
STRADELLA-HB-S *	spot	1	7.5	13.9 x 13.9	27	95	1.5
STRADELLA-HB-M *	medium	1	5.7	13.9 x 13.9	58	94	0.6
STRADELLA-HB-W *	wide	1	7.12	13.9 x 13.9	87	94	0.5

* Available also in PC

STRADELLA-8

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-8-HV-ME	asymmetric	8	5.5	50 x 50	asymm.	94	0.7
STRADELLA-8-HV-ME-N	asymmetric	8	5.96	50 x 50	asymm.	92	0.7
STRADELLA-8-HV-CY	wide area lighting	8	4.91	50 x 50	125 + 125	94	0.3
STRADELLA-8-T2 */**	asymmetric	8	5.7	50 x 50	asymm.	94	0.8
STRADELLA-8-T3 */**	asymmetric	8	5.7	50 x 50	asymm.	94	0.7
STRADELLA-8-VSM*	wide area lighting	8	5.5	50 x 50	143	94	0.4
STRADELLA-8-SCL */**	asymmetric	8	5.5	50 x 50	asymm.	93	0.7
STRADELLA-8-T1-A */**	asymmetric	8	5.32	50 x 50	asymm.	94	1.0
STRADELLA-8-HB-S */**	spot	8	7.5	50 x 50	27	90	1.8
STRADELLA-8-HB-M */**	medium	8	5.7	50 x 50	58	92	0.7
STRADELLA-8-HB-W */**	wide	8	7.12	50 x 50	87	94	0.5

* Available in HV versions with different pin locations allowing high voltage circuit designs

** Available also in PC

STRADELLA-8-CSP

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-8-HV-CSP-LN1	street	8	4.4	50 x 50	asymm.	96	1.0
STRADELLA-8-HV-CSP-LM1	street	8	4.8	50 x 50	asymm.	97	0.9
STRADELLA-8-HV-CSP-LW1	street	8	4.9	50 x 50	asymm.	96	0.9
STRADELLA-8-HV-CSP-VSM	street	8	4.9	50 x 50	asymm.	97	0.6
STRADELLA-8-HV-CSP-SCL	street	8	4.9	50 x 50	asymm.	90	1.0
STRADELLA-8-HV-CSP-T2-M	street	8	4.9	50 x 50	asymm.	97	1.4
STRADELLA-8-HV-CSP-T3-M	street	8	4.9	50 x 50	asymm.	97	1.2

STRADELLA-8-5050

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-8-5050-HB-W-PC	wide	8	5	50 x 50	89	88	0.5

STRADELLA-16

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-16-HB-S *	spot	16	7.5	50 x 50	27	93	1.7
STRADELLA-16-HB-M *	medium	16	5.7	50 x 50	61	93	0.7
STRADELLA-16-HB-M2	medium	16	3.2	50 x 50	55	93	1.0
STRADELLA-16-HB-W *	wide	16	7.12	50 x 50	92	94	0.5
STRADELLA-16-HB-O	asymmetric	16	4.3	50 x 50	asymm.	94	0.8
STRADELLA-16-T1-A *	asymmetric	16	4.3	50 x 50	asymm.	94	0.8
STRADELLA-16-T2	asymmetric	16	4.7	50 x 50	asymm.	91	0.5
STRADELLA-16-T3	asymmetric	16	3.7	50 x 50	asymm.	94	0.6
STRADELLA-16-SCL	asymmetric	16	4.4	50 x 50	asymm.	94	0.6
STRADELLA-16-VSM	asymmetric	16	4.2	50 x 50	asymm.	86	0.5
STRADELLA-16-T4	asymmetric	16	5.3	50 x 50	asymm.	81	0.5
STRADELLA-16-ME	asymmetric	16	4.9	50 x 50	asymm.	94	0.6

STRADELLA-IP-16

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-IP-16-T2-PC	asymmetric	16	8.45	100 x 60	asymm.	94	0.7

STRADELLA-IP-28

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-IP-28-T1-A *	asymmetric	28	9.5	100 x 100	asymm.	94	0.8
STRADELLA-IP-28-T2 *	asymmetric	28	9.2	100 x 100	asymm.	94	0.8
STRADELLA-IP-28-T3 *	asymmetric	28	9.2	100 x 100	asymm.	94	0.7
STRADELLA-IP-28-T4B *	asymmetric	28	9.2	100 x 100	asymm.	91	0.7
STRADELLA-IP-28-VSM *	wide area lighting	28	9.5	100 x 100	138	94	0.4
STRADELLA-IP-28-SCL *	asymmetric	28	9.5	100 x 100	asymm.	94	0.6
STRADELLA-IP-28-HB-S *	spot	28	9.5	100 x 100	25	92	1.6
STRADELLA-IP-28-HB-M *	medium	28	9.5	100 x 100	65	94	0.7
STRADELLA-IP-28-HB-W *	wide	28	9.5	100 x 100	90	94	0.4

* Available also in PC

STRADELLA-IP-64**NEW**

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
STRADELLA-IP-64-T2-PC	street	64	9.2	253 x 74	asymm.	94	0.8
STRADELLA-IP-64-HB-S	spot	64	9.2	253 x 74	30	92	2.0
STRADELLA-IP-64-HB-M	medium	64	9.2	253 x 74	60	90	1.0
STRADELLA-IP-64-HB-W	wide	64	9.2	253 x 74	90	92	0.5
STRADELLA-IP-64-HB-O	oval	64	9.2	253 x 74	30 + 90	90	1.1

NEW

SPORT-2X2-FT60

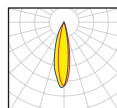


JENNY family

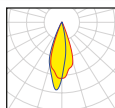
SPORT-2X2www.ledil.com/sport**NEW**

Compatibility: Optimized for HP 3535 and compatible with up to 5050 size flat LED packages

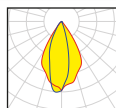
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
SPORT-2X2-S2	asymmetric	14.2	50 x 50	asymm.	97	4.9
SPORT-2X2-S4	asymmetric	14.4	50 x 50	asymm.	97	2.9
SPORT-2X2-S6	asymmetric	15.5	50 x 50	asymm.	97	1.8
SPORT-2X2-FT60	asymmetric	15.5	50 x 50	asymm.	88	1.3
SPORT-2X2-FT6	asymmetric	11.0	50 x 50	asymm.	92	1.2
SPORT-2X2-FT6W	asymmetric	12.25	50 x 50	asymm.	97	1.1
SPORT-2X2-S1	multi-lens	13.6	50 x 50	15	92	9.0

COMING

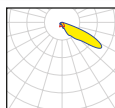
S2



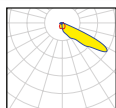
S4



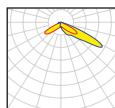
S6



FT60



FT6



FT6W

JENNYwww.ledil.com/jennyfamily

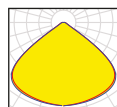
Comes either as a single lens or in a 8 lens array with possibility to separate lenses individually.

Can be installed with glue optional holder.

Compatibility: Up to 7070 size LED packages

name	height	dimensions	typ. eff.	typ. FWHM
JENNY-CY *	11.5	35 x 35	94	106 + 106
JENNY-T4 *	17	35 x 35	92	asymm.
JENNY-CY-G2 *	11.5	35 x 35	94	100
JENNY-T4-G2 *	17	35 x 35	93	asymm.
JENNY-20 *	14.52	35 x 35	96	20
JENNY-40 *	15	35 x 35	96	40
JENNY-60 *	13.42	35 x 35	94	60
JENNY-FT45 *	20.65	35 x 35	92	asymm.
JENNY-FT65 *	15.35	35 x 35	93	asymm.

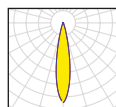
* Available also in 8 lens array



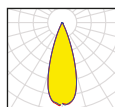
CY-G2



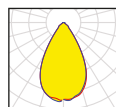
T4-G2



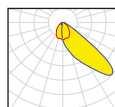
20



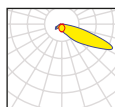
40



60



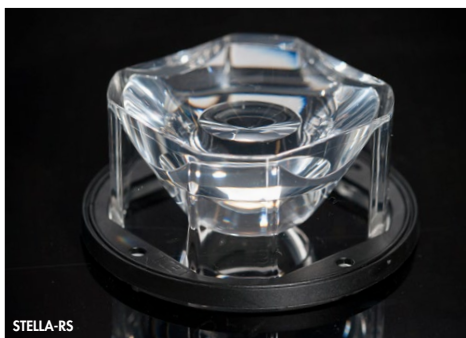
FT45



FT65



STELLA-G2-T3



STELLA-RS

STELLA

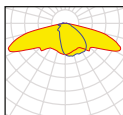
www.ledil.com/stellafamily

STELLA-G2

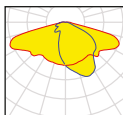
Compatibility:

- Optimized for up to 23 mm and supports up to 30 mm LES size COBs
- Compatible with connectors from B+W, BJB, TE, IDEAL (Ø 50 mm and up to 5.9 mm height)

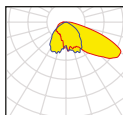
name	d	h	typ. eff.	typ. FWHM
STELLA-G2-T2	90	26.5	86	asymm.
STELLA-G2-T3	90	40.2	91	asymm.
STELLA-G2-T4	90	45.2	89	asymm.
STELLA-G2-VSM	90	25.6	91	asymm.



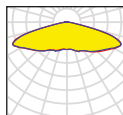
T2



T3



T4



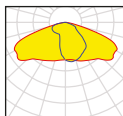
VSM

STELLA

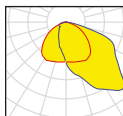
Compatibility:

- Asymmetric STELLA's: up to 23 mm LES size
- Symmetric STELLA's: up to 30 mm LES size
- 3rd party connectors from BJB, Ideal, B+W, Stucchi and TE
- Installation frame made from aluminium available for FRESNEL and WWW beams

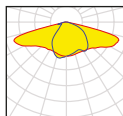
name	h	d	typ. eff.	typ. FWHM
STELLA-A	22	90	92	asymm.
STELLA-HB	19.5	90	93	76
STELLA-HB-WWW	11.3	90	88	97
STELLA-T4	26.9	90	92	asymm.
STELLA-VSM	20.7	90	94	asymm.
STELLA-FRESNEL	23	90	89	27
STELLA-DWC2	19.27	90	92	asymm.
STELLA-RS	39.15	90	94	25
STELLA-CLAMP-CXA15-18				



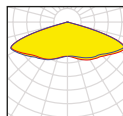
A



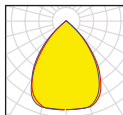
T4



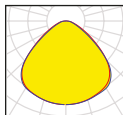
DWC2



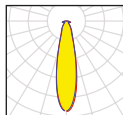
VSM



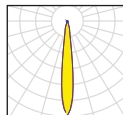
HB



HB-WWW



FRESNEL



RS

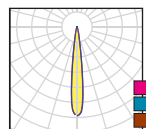


HIGHBAY SOLUTIONS

	HB-SQ		STRADELLA-8-HB
	HB-2X2		STRADELLA-16-HB
	HB-2X2-5050		STRADELLA-IP-28-HB
	HB-2X2MX-8		STRADELLA-IP-64-HB
	HB-2X2MXS		SITARA-HB
	HB-IP-8MX		VICTORIA
	HB-IP-2X6		STELLA
	HB-IP-2X6-G2		
	STRADELLA-HB		

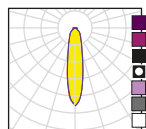


~15° HIGH BAY

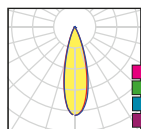


RS

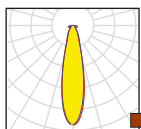
~30° HIGH BAY



S

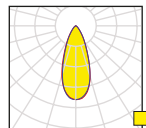


M

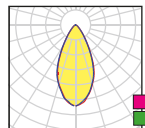


FRESNEL

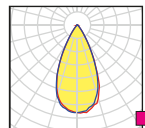
~45° MID BAY



A

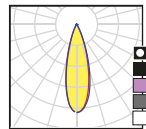


W

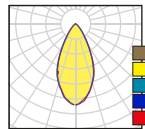


RW

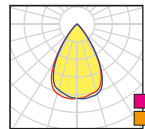
~60° MID BAY



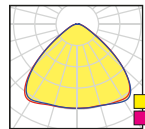
M



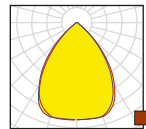
W



WW

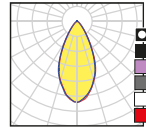


WWW

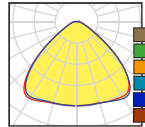


HB

~90° LOW BAY

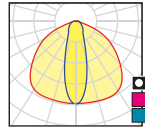


W

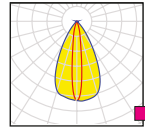


WWW

OVAL



O



ON

HB-5Q

Dimensions: 25 x 25 mm

Compatibility:

- Up to 7070 size LED packages

HB-2X2 MODULES

Dimensions: 50 x 50 mm

Compatibility:

- Up to 5050 size LED packages

HB-2X2-5050

Dimensions 50 x 50 mm

Compatibility:

- For flat 5050 size LED packages

HB-2X2MX & SILICONE 2X2MXS MODULES

Dimensions: 90 x 90 mm

Compatibility:

- Up to 7070 size LED packages



HB-IP-2X6 MODULES

Dimensions: 173 x 71.4 mm

Compatibility:

- Up to 5050 size LED packages

HB-IP-2X6-G2 MODULES

Dimensions: 172 x 71 mm

Compatibility:

- Optimized for flat high power 5050 size LED packages
- Compatible with up to 5050 size LED packages

HB-IP-8MX MODULES

Dimensions: 90 x 90 mm

Compatibility:

- Optimized for flat 5050 packages (without dome)



STRADELLA FAMILY www.ledil.com/stradellafamily

STRADELLA-HB

Dimensions: 13.9 x 13.9 mm

Compatibility:

- Up to 3535 size LED packages

STRADELLA-8-HB

Dimensions: 49.5 x 49.5 mm

Compatibility:

- Up to 3535 size LED packages

STRADELLA-16-HB

Dimensions: 49.5 x 49.5 mm

Compatibility:

- Up to 3535 size LED packages

STRADELLA-IP-28-HB

Dimensions: 100 x 100 mm

Compatibility:

- Up to 3535 size LED packages

STRADELLA-IP-64-HB **NEW**

Dimensions: 74 x 253 mm

Compatibility:

- Up to 3535 size LED packages



VICTORIA www.ledil.com/victoria

Diameter: 300 mm

Compatibility:

- Optimized for 2835 and compatible with up to 5630 size mid-power LED packages
- Recommended to be used with two LEDs per one optic which can be up to 5630 in size

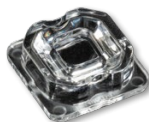


SITARA-HB FAMILY www.ledil.com/sitara

Dimensions: 18 x 18 mm

Compatibility:

- Optimized for flat high-power 5050 size LED packages



STELLA FAMILY www.ledil.com/stellafamily

Diameter: 90 mm

Compatibility:

- Asymmetric STELLA's: up to 23 mm LES size
- Symmetric STELLA's: up to 30 mm LES size
- 3rd party connectors from BJB, Ideal, B+W, Stucchi and TE





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