

LEDiL

Product catalogue

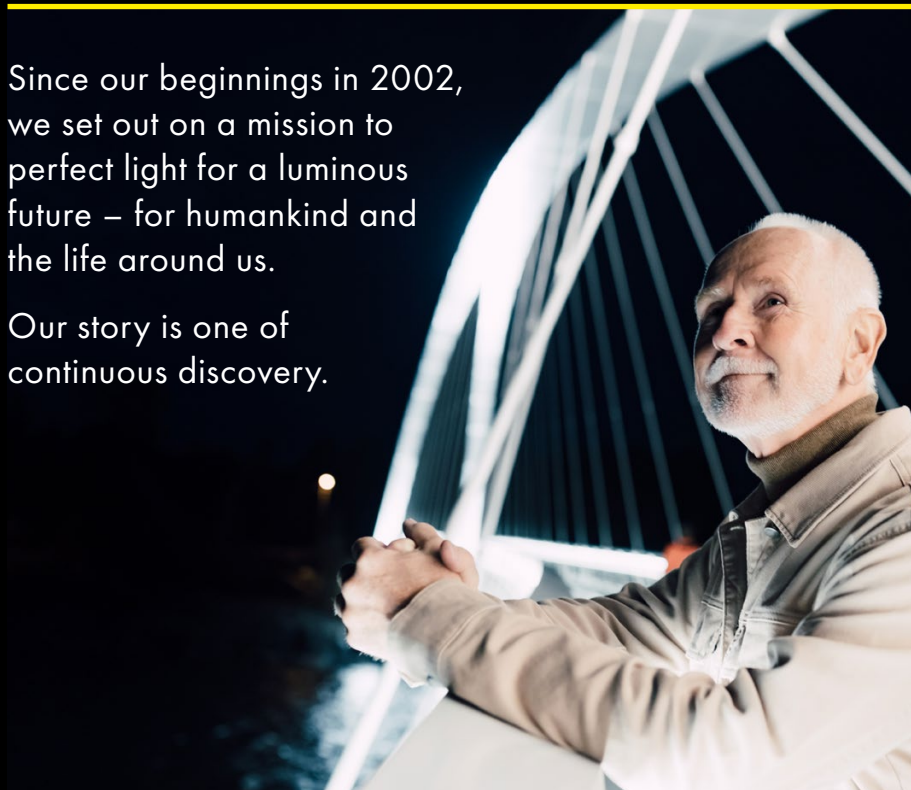
Q3, 2022



Range & precision.
Our optics offer both.

Since our beginnings in 2002,
we set out on a mission to
perfect light for a luminous
future – for humankind and
the life around us.

Our story is one of
continuous discovery.



With every customer case, we advance the
quality of LED light by continuously challenging
our competence and pushing the boundaries of
innovation.

Our state-of-the-art optical solutions help create
light that enhances wellbeing, functionality,
safety and sustainability.

Whether we work on indoor or outdoor lighting,
we have the experience and technological
know-how to achieve extraordinary results in
a wide range of applications.

Together with our customers and partners, we
enable and strengthen a shared ecosystem of
light; because we know that no one can achieve
a better future alone.

Useful information

You can find product-ordering
names together with the latest
product information and LED
compatibility at
> ledil.com/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
> ledil.com/installation_guide

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● < 10° beam available

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Product families & suggested applications (not all product families listed)

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Indoor														Outdoor										
ADELIA		34	•									•												•
AMY		16	•						•	•		•												•
ANGELA / ANGELETTE / ANGELINA		40	•	•		•		•	•		•	•	•								•			•
ANGIE		24									•		•											•
ANNA		24	•						•	•		•									•	•		•
BARBARA		38	•	•					•	•		•	•											•
BILLIE		10						•												•	•			•
BOOM		41											•						•					•
BRIDGET		41											•						•					•
BROOKE		36	•	•					•	•		•							•		•			•
CARMEN		20	•						•										•					•
CLAUDIA		30	•																					•
CRYSTAL		14		•			•	•	•															•
CUTE		23								•			•											•
DAISY		32			•	•																		•
DAHLIA		30												•										•
ELLA		35	•						•															•
EMERALD		13					•								•									•
EMILY		11						•	•				•						•	•	•			•
EMMA		12					•				•													•
EVA		10	•						•				•						•					•
FLARE		14					•	•	•		•							•						•
FLORENCE-1R		28			•	•		•	•		•													•
FLORENCE (3R)		28	•		•	•		•	•		•	•				•								•
FLORENCE-3R-IP		28			•					•	•	•	•			•	•		•	•		•		•
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HB-SQ		55									•	•												•
HB-2X2		55									•	•												•
HB-IP-2X6		55									•	•				•	•		•					•
HB-IP-24		55									•	•				•		•						•
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HEIDI		11						•					•						•		•			•
HELENA		13	•				•					•	•											•
IDA		25				•					•	•	•											•
ILONA		19	•						•															•
IRENE		10					•																	•
IRIE		10									•													•
IRIS		10		•					•		•		•								•			•
JENNY		52									•	•				•	•		•				•	•
JULIA		12					•	•		•		•				•		•						•
KIKI		12					•	•		•		•				•								•
LARISA		6							•			•												•
LAURA		9						•				•							•	•	•			•
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• 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
○ Ask for compatibility

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	Floricultural	Street lighting	Area & parking lot	Canopy	Tunnel & transportation	Flood light	Wash lighting	Architectural	Retrofit	Special
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OLGA	22																						
RGBX	15																						
RITA	41																						
RONDA	18																						
ROSE	8																						
SAGA	22																						
SANDRA	25																						
SATU	23																						
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STRADELLA (single), -8	50																						
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STRADELLA-IP-16	51																						
STRADELLA-IP-28/64	51																						
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TAMPA	24																						
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TITANUM	11																						
TUIJA	25																						
VANESSA	31																						
VERONICA	6																						
VICTORIA	55																						
VIOLET	30																						
VIOLETTA	8																						
VIRPI	25																						
WINNIE	20																						
YASMEEN	17																						
ZOE	13																						
ZORYA	22																						
ZORYA-MINI	22																						

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○ Ask for compatibility

Single lenses

LARISA

www.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 + 22	81	2.1



LISA

www.ledil.com/lisa

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

LISA

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

LISA2-RS	real spot	≈ 7	≈ 9.9	19	89	3.1
LISA2-M	medium	≈ 7	≈ 9.9	22	89	2.8
LISA2-O	oval	≈ 7	≈ 9.9	45 + 21	82	2.2
LISA2-O-90	oval	≈ 7	≈ 9.9	19 + 48	82	2.2
LISA2-W	wide	≈ 7	≈ 9.9	34	88	1.8
LISA2-WW	extra wide	≈ 7	≈ 9.9	46	89	1.1
LISA2-WWW	extra ² wide	≈ 7	≈ 9.9	80	83	0.4
LISA2-R-PIN	extra wide	≈ 7	≈ 9.9	80	88	0.4



LISA3 / LISA3CSP

-RS	real spot	≈ 7	9.9	14	89	9.4
-S NEW	spot	≈ 7	9.9	15	89	8
-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
-O-90 NEW	oval	≈ 7	9.9	48 + 16	84	2.8



VERONICA

www.ledil.com/veronica

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

VERONICA

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

VERONICA-SQ-RS	real spot	12.2	22.5 x 22.5	13	89	18.8
VERONICA-SQ-M	medium	12.2	22.5 x 22.5	30	89	3.1
VERONICA-SQ-W	wide	12.2	22.5 x 22.5	52	92	1.2
VERONICA-SQ-SE	side emitter	11.4	22.5 x 22.5	189	91	2.7
VERONICA-SQ-O	oval	12.2	22.5 x 22.5	56 + 12	82	3.2



VERONICA-SQ-MINI

VERONICA-SQ-MINI-RS	real spot	8.9	13.9 x 13.9	14	92	11
VERONICA-SQ-MINI-D	diffused spot	8.9	13.9 x 13.9	15	92	7.3
VERONICA-SQ-MINI-M	medium	8.9	13.9 x 13.9	34	89	2.4
VERONICA-SQ-MINI-W	wide	8.9	13.9 x 13.9	56	91	0.9
VERONICA-SQ-MINI-O	oval	8.9	13.9 x 13.9	15 + 50	84	3.8



TINA

Compatibility: Up to 3535 size LED packages

www.ledil.com/tina

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 + 15	89	3.4
TINA2						
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	≈ 9.5	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	16.1	74	90	0.5
TINA2-O*/TINA-O-90	oval	≈ 10	16.1	35 + 16	87	3.5
TINA2-O-WAS *	asymm. oval	≈ 10	16.1	asymm.	86	3.6
* Compatible with TINA-SC						

TINA3						
TINA3-S	spot	11.4	16.1	13	77	8.4
TINA3-W	wide	≈ 7	16.1	39	90	1.7
TINA3-WW	extra wide	≈ 7	16.1	53	90	1.0
TINA3-WWW	extra ² wide	≈ 7	16.1	71	88	0.6
TINA3-OO	oval	≈ 7	16.1	59 + 39	90	1.2

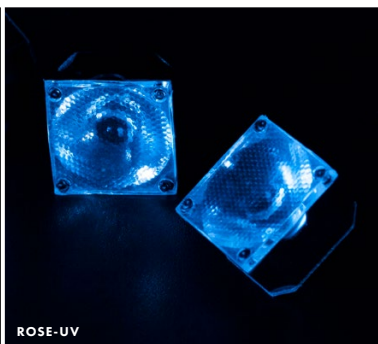
TINA-Y						
Optimized for 3535 high power LED packages and compatible with up to 5050 LED packages						
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
TINA-Y-RS	real spot	10	16.1	17	81	5.8
TINA-Y-SS	smooth spot	10	16.1	18	81	5.4
TINA-Y-M	medium	10	16.1	24	80	3.3
TINA-Y-W	wide	10	16.1	36	80	2.0
TINA-Y-WW	extra wide	10	16.1	50	80	1.0
TINA-Y-O	oval	10	16.1	20 + 40	75	2.0



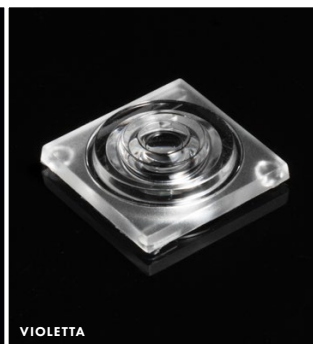
Single lenses



ROSE-MRK



ROSE-UV



VIOLETTA

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	real spot	21.6 x 21.6	11	88	21.7
ROSE-SS	smooth spot	21.6 x 21.6	15	87	9.4
ROSE-D	diffused spot	21.6 x 21.6	16	85	7.1
ROSE-M	medium	21.6 x 21.6	30	83	2.5
ROSE-W	wide	21.6 x 21.6	51	81	1.1
ROSE-WWW	extra wide	21.6 x 21.6	59	81	0.8
ROSE-WWWW	extra ² wide	21.6 x 21.6	80	84	0.4
ROSE-O	oval	21.6 x 21.6	43 + 15	81	3.1
ROSE-O-90	oval	21.6 x 21.6	13 + 44	81	3.6

ROSE-MRK

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

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



VIOLETTA

www.ledil.com/violetta

Compatibility: Up to 7070 size LED packages or 2x2 LED cluster with up to 3030 package size

name	beam type	h	d	typ. FWHM	typ. cd/lm
VIOLETTA-S	spot	6.6	22 x 22	15	7.9
VIOLETTA-W	wide	6.5	22 x 22	60	0.9



LAURA

www.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 + 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 + 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

LEILA

www.ledil.com/leila

Compatibility: Optimized for 3535 high power LED packages and compatible with up to 5050 LED packages

LEILA

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 + 26	84	2.4
-O	14.6	21.6	39 + 11	88	4.8
-O-90 **	14.6	21.6	11 + 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

** Compatible with LEILA-SC

LEILA-G2

Thinner holder design. Backwards compatible with previous generations.

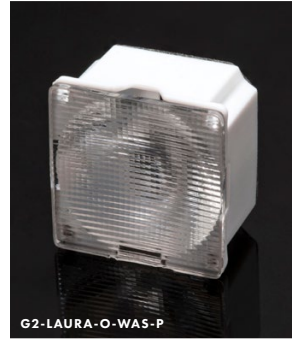
name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
G2-LXP2-RS2-P	14.7	21.6	8.5	90	22.1
G2-LXP2-RS2	14.7	21.6	8.5	90	22.1
G2-LXP2-D-P	14.7	21.6	9.7	88	19.8
G2-LXP2-D	14.7	21.6	9.7	88	19.8
G2-LXP2-M-P	14.7	21.6	22	88	5.1
G2-LXP2-M	14.7	21.6	22	88	5.2

LEILA-Y

name*	h	d	typ. FWHM	typ. eff.	typ. cd/lm
LEILA-Y-RS	14.8	21.6	13	83	11
LEILA-Y-SS	14.8	21.6	14	83	10
LEILA-Y-M	14.8	21.6	22	80	4.7
LEILA-Y-W	14.8	21.6	31	80	2.8
LEILA-Y-WW	14.8	21.6	55	81	1.0
LEILA-Y-O	14.8	21.6	15 + 45	75	2.8

*Subject to the LED type, check www.ledil.com/leila for actual values.

The information contained herein is the property of Ledil Oy, Joensuukatu 13, FI-24100 SALO, Finland, and is subject to change without prior notice. Please visit ledil.com for additional information, such as the latest photometric files, 3D mechanical models, and application notes relating to handling, gluing and taping.



G2-LAURA-O-WAS-P



LAURA-RS



LEILA

LEILA-G2



LEILA-Y-WW

NEW

Single lenses

IRIE

www.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

IRENE

www.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

IRIS

www.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 + 28	84	1.9

BILLIE

www.ledil.com/billie

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
BILLIE-S NEW	asymm.	16.1	21.5	asymm.	88	4.8

MIRA

www.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

EVA

www.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 + 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	90	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 + 10	87	3.6
EMILY-O	14.8	26	44 + 10	89	4.5
EMILY-O-90	14.8	26	45 + 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 + 11	87	4.5
HEIDI-O-90	21.6	13 + 44	87	4.7
HEIDI-REC-90	21.6	36 + 57	78	1.3

Single lenses



KIKI

www.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

JULIA

www.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

LOTTA

www.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

EMMA

www.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-S

www.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

SIRI

www.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

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to ledil.com for LED specific values and product datasheets.



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

EMERALD-MAXI-A	wide area lighting	12.2	33 x 25	asymm.	92	2.0
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ZOE

www.ledil.com/zoe

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

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ZOE-30-ZOOM	zoom	20.3	31.6	13 to 42	75	10-1.5

Single lenses



FLARE-MAXI-T



CRYSTAL-RS



SEANNA-A

FLARE

www.ledil.com/flare

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

FLARE-MINI

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

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 x 21	93	1.3

CRYSTAL

www.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

SEANNA

www.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

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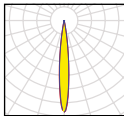
Compatibility: Optimized for 5050 sized and compatible with 7070 RGB LEDs

GABRIELLA-45

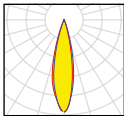
name	d	h	typ. fwhm	typ. eff.	typ.cd/lm
GABRIELLA-45-S	45	29	9	90	24.0
GABRIELLA-45-M	45	29	25	86	5.0
GABRIELLA-45-W	45	29	36	81	2.2

GABRIELLA-MIDI

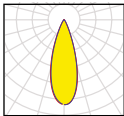
GABRIELLA-MIDI-S	38	24	11	91	11.5
GABRIELLA-MIDI-M	38	24	24	88	4.0
GABRIELLA-MIDI-W	38	24	35	85	2.2
GABRIELLA-MIDI-O	38	24	11 + 33	87	6.2



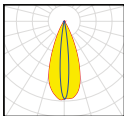
S



M



W



O

RGBX

www.ledil.com/rgbx

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Compatibility: Up to 5050 size RGB LEDs

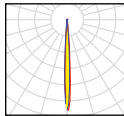
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
RGBX-SS	28	30	20	85	3.8
RGBX-M	28	30	30	70	1.3
RGBX2-S	28	30	20	77	4.6
RGBX2-M	28	30	34	68	1.5
RGBX2-O	28	30	48 + 24	66	1.5

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

Single lenses

NEW

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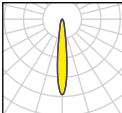
www.ledil.com/amy

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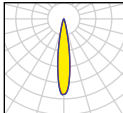
Compatibility:

- Ø35 mm optimized for LES 6 mm
- Ø45 mm and Ø50 mm optimized for LES 10 mm
- Ø70 mm optimized for LES 14.5 mm
- LEDiL HEKLA (with holder C)
- B+W and BJB connectors (with holder B)

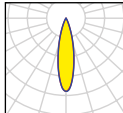
name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
AMY-50-S2	spot	35	10.7	15	90	4.2
AMY-45/50/70-S	spot	45 / 50 / 70	10.0 / 10.8 / 12.7	18	90	6.7
AMY-45/50/70-M	medium	45 / 50 / 70	10.0 / 10.9 / 12.5	24	92	4.0
AMY-45/50/70-W	wide	45 / 50 / 70	10.0 / 11.0 / 13.0	36	89	2.1
AMY-45/50/70-WW	extra wide	45 / 50 / 70	10.0 / 11.0 / 12.8	60	90	1.0
AMY-35-ZOOM NEW	zoom	35	12.5	20 to 50	80	4.1-1.0



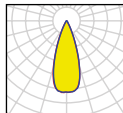
AMY-50-S2



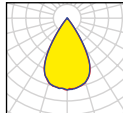
AMY-45/50/70-S



AMY-45/50/70-M

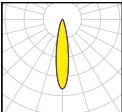


AMY-45/50/70-W

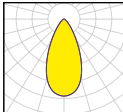


AMY-45/50/70-WW

AMY-35-ZOOM



Spot | 20°



Full | 50°

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination. Go to ledil.com for LED specific values and product datasheets.

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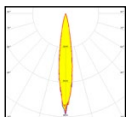
www.ledil.com/yasmeen

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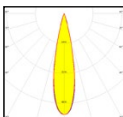
Compatibility:

- 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)
- B+W and BJB connectors (with holder B)

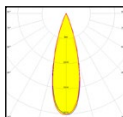
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
YASMEEN-30-RS	30	18.2	11	92	22.7
YASMEEN-50-S	50	30.5	15	85	8.0
YASMEEN-50-M	50	30.5	26	85	5.0
YASMEEN-50-W	50	30.5	36	85	2.0
YASMEEN-50-WW	50	30.5	60	85	1.0
YASMEEN-50-ZOOM NEW	52.5	37	15 to 45	80	6-1
YASMEEN-70-S	70	39.9	15	85	12.0
YASMEEN-70-M	70	39.9	24	85	5.0
YASMEEN-70-W	70	39.9	36	85	2.0
YASMEEN-70-WW	70	39.9	60	85	1.0
YASMEEN-70-ZOOM NEW	72.9	49.1	15 to 45	80	6-1



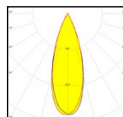
YASMEEN-30-RS



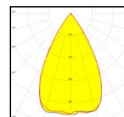
YASMEEN-50/70-S



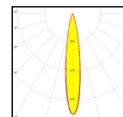
YASMEEN-50/70-M



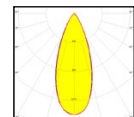
YASMEEN-50/70-W



YASMEEN-50/70-WW



YASMEEN-50/70-ZOOM
Spot | 15°



Full | 45°

Single lenses



RONDA

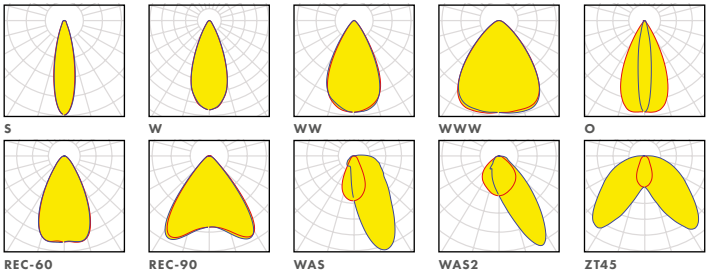
www.ledil.com/ronda



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)

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



FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to ledil.com for LED specific values and product datasheets.



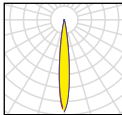
ILONA

www.ledil.com/ilona

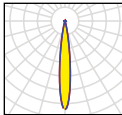
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Compatibility:
– Optimized for 6-9 mm and compatible with up to 14.5 mm LES size COBs
– LEDiL HEKLA baseparts (page 43)

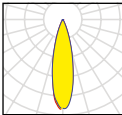
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
ILONA-RS	50	29.2	10	94	15.0
ILONA-SS	50	29.3	14	90	12.0
ILONA-M	50	29.7	25	92	4.5
ILONA-W	50	29.7	36	89	2.0
ILONA-WW	50	29.4	57	84	1.0
ILONA-ZOOM	52.5	33.2	13 to 48	82	9.5-1.0



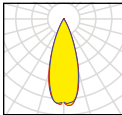
ILONA-RS



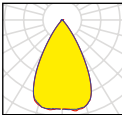
ILONA-SS



ILONA-M

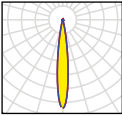


ILONA-W

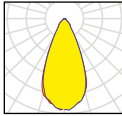


ILONA-WW

ILONA-ZOOM



Spot | 13.5°



Full | 46°

Single lenses



CARMEN-50



WINNIE-M



WINNIE-M-C

CARMEN

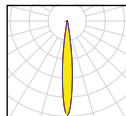
www.ledil.com/carmen



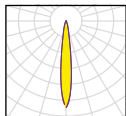
Compatibility:

- 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

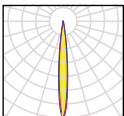
name	beam type	h	d
CARMEN-50/70-RS	real spot	25.5 / 36.3	50 / 70
CARMEN-50/70-S	spot	25.5 / 36.3	50 / 70
CARMEN-50/70-M	medium	25.5 / 36.3	50 / 70
CARMEN-70-M2	medium	36.3	70
CARMEN-50/70-W	wide	25.5 / 36.3	50 / 70
CARMEN-50/70-RS-WHT	real spot	25.5 / 36.3	50 / 70
CARMEN-50/70-S-WHT	spot	25.5 / 36.3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



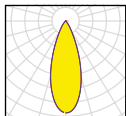
RS



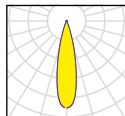
S



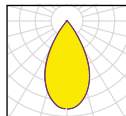
SS



M



M2



W

WINNIE

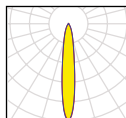
www.ledil.com/winnie



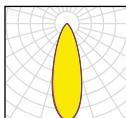
Compatibility:

- 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)

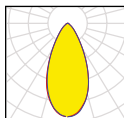
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
WINNIE-S	spot	19.3	49.8	22	88	3.4
WINNIE-M	medium	19.3	49.8	35	86	1.8
WINNIE-W	wide	19.3	49.8	50	88	1.3
WINNIE-WW	extra wide	19.3	49.8	70	83	0.7
WINNIE-O	oval	19.3	49.8	63 + 24	89	1.5



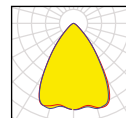
S



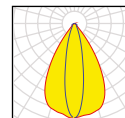
M



W



WW



O

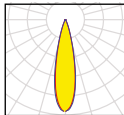


MOLLY

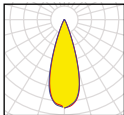
www.ledil.com/molly

- 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)

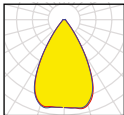
name	beam type	h	d	typ. FWHM
MOLLY-S	spot	24.8	69.8	25
MOLLY-M	medium	23.6	69.8	37
MOLLY-W	wide	22.1	69.8	60



S



M



W

Single lenses



SAGA-HB-IP-WHT



ZORYA-MINI / ZORYA



OLGA-S

SAGA

www.ledil.com/saga



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

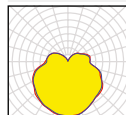
name	h	d	typ. eff.	typ. FWHM
ZORYA-SC	35	55	94	245
ZORYA-SC-B	35	55	94	245
ZORYA-SC-C	35	55	94	245

BJB 47.319.2021 compatible

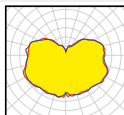
HEKLA compatible

ZORYA-MINI

name	h	d	typ. eff.	typ. FWHM
ZORYA-MINI	14.6	22	94	145



ZORYA-SC



ZORYA-MINI

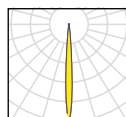
OLGA

www.ledil.com/olga

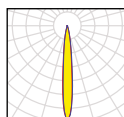
Compatibility: Up to 7070 size LED packages

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-WW	30 / 32	18.5 / 19.1	60	85	0.8
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

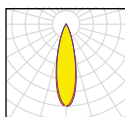
NEW



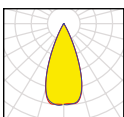
RS



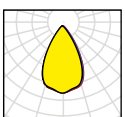
S



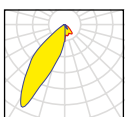
M



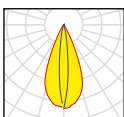
W



WW



WAS



O

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to ledil.com for LED specific values and product datasheets.

SATU

www.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 + 22	86	2.5

CUTE

www.ledil.com/cute

CUTE-3

Compatibility: Up to 5050 size packages

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

GT3

www.ledil.com/gt3

Compatibility: Up to 3535 size LED packages

GT3-S	spot	3	9	35	18	90	4.5
GT3-M	medium	3	9	35	30	89	2.2
GT3-W	wide	3	9	35	40	88	1.6
GT3-WW	extra wide	3	9	35	47	90	1.1

GT4

www.ledil.com/gt4

Compatibility: Up to 3535 size LED packages

GT4-S	spot	4	9	35	21	90	3.3
GT4-M	medium	4	9	35	28	88	2.5
GT4-W	wide	4	9	35	38	89	1.7
GT4-WW	extra wide	4	9	35	53	90	1.1



Multi-lens arrays

ANGIE

www.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	spot		10.7	34	12	93	11.8
ANGIE-M2	medium		10.7	34	26	88	3.3
ANGIE-W	wide		10.7	34	29	84	2.4

TAMPA

www.ledil.com/tampa

Compatibility: Up to 3535 size LED packages

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

ANNA

www.ledil.com/anna

Compatibility: Up to 3535 size LED packages

ANNA-40

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

ANNA-50

ANNA-50-3-S		3					
ANNA-50-7-S	spot	7	50	10.7	15	91	8.5
ANNA-50-3-M		3					
ANNA-50-7-M	medium	7	50	10.7	22	88	3.7
ANNA-50-3-W		3					
ANNA-50-4-W		4					
ANNA-50-6-W	wide	6	50	10.7	32	86	1.9
ANNA-50-7-W		7					



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/virpi

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/ida

Compatibility: Up to 3535 size mid-power LED packages

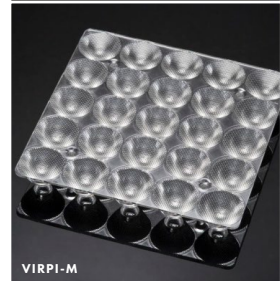
name	beam type	LEDs	h	d	typ. FWHM	typ. eff.
IDA16-M	narrow	16	9.2	50 x 50	40	92
IDA16-WW	very wide	16	9.2	50 x 50	71	93
IDA16-O	oval	16	9.2	50 x 50	90 + 33	92



TUIJA



SANDRA-12-O



VIRPI-M



IDA16-WW

Multi-lens arrays

FLORENTINA

www.ledil.com/florentina

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/Im
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

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

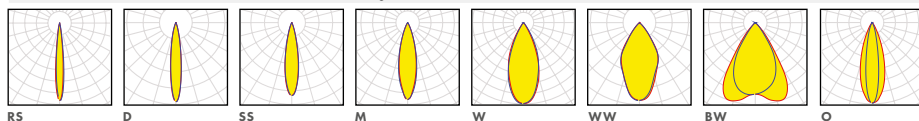
Compatibility: LEDiL standard ROSE lenses up to 5050 size and ROSE-MRK lenses up to 7070 size LED packages

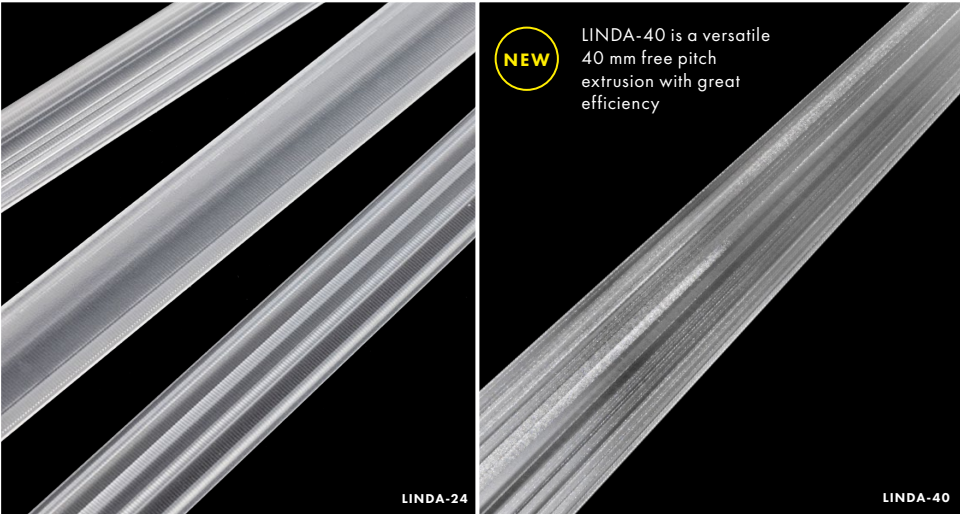
FLORENTINA-2X2-RS	real spot	28.5	95.6 x 95.6	16	78	7.4
FLORENTINA-2X2-D	diffused spot	28.5	95.6 x 95.6	19	77	5.5
FLORENTINA-2X2-SS	smooth spot	28.5	95.6 x 95.6	20	79	5.4
FLORENTINA-2X2-M	medium	28.5	95.6 x 95.6	30	75	2.4
FLORENTINA-2X2-W	wide	28.5	95.6 x 95.6	49	70	1.0
FLORENTINA-2X2-O	oval	28.5	95.6 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

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





LINDA

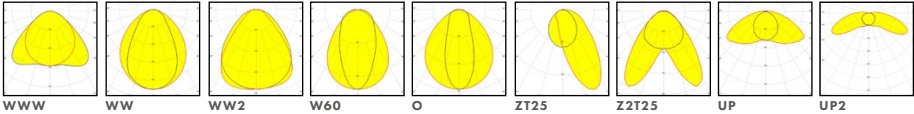
www.ledil.com/linda

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-Z2T25	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

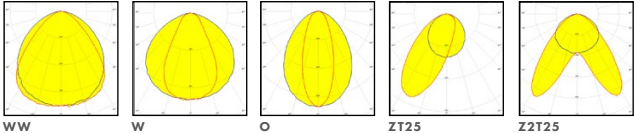
* Custom lengths available upon request valid for both LINDA-24 and LINDA-40



LINDA-40

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-Z2T25	double asymmetric	9	40 x 1140	asymm.	84



Linear lenses

FLORENCE

www.ledil.com/florence

FLORENCE-3R

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

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		

FLORENCE2

Compatibility: All Zhaga 3R PCBs including 2ft PCBs

FLORENCE2-Z90	extra wide	85	94	0.6
FLORENCE2-Z60	wide	52	92	1.2

FLORENCE-3R-IP

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

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

FLORENCE-1R-GC

Compatibility: Mid-power LEDs up to 5630 package size

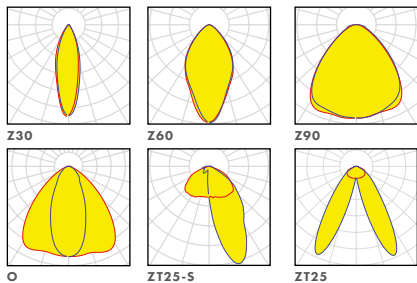
FLORENCE-1R-GC-Z60	wide	70	94	0.7
FLORENCE-1R-GC-Z90	rectangular	90	94	0.5
FLORENCE-1R-GC-ZT25	asymmetric	asymm.	92	0.8

FLORENCE-1R

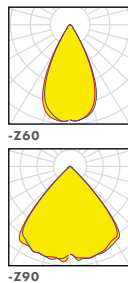
Compatibility: Mid-power LEDs up to 5630 package size

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		

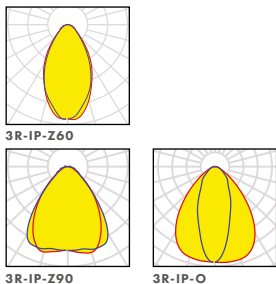
FLORENCE-3R



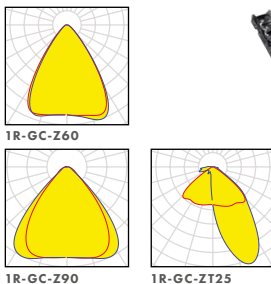
FLORENCE2



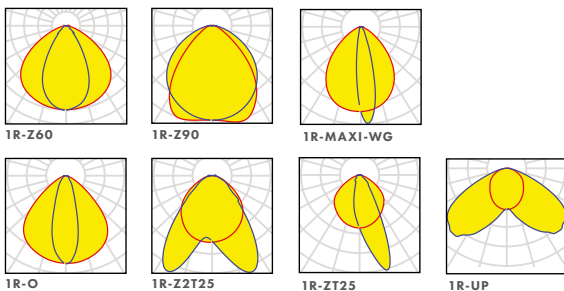
FLORENCE-3R-IP



FLORENCE-1R-GC



FLORENCE-1R



Linear lenses



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



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/vanessa

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	4.5
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

LINNEA

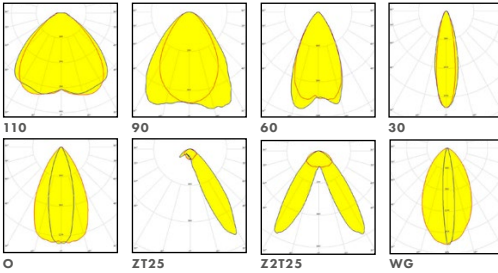
www.ledil.com/linnea

LINNEA-GC2

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.

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-ZT25	15.2	284 x 43	asymm.	86
LINNEA-GC2-WG	15.2	284 x 43	asymm.	90



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.

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

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-ZT25 *	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

LINNEA-2R

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

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



LINNEA-GC2



LINNEA-GC



LINNEA-2R



LINNEA

Linear lenses



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-W2	20.2	1140 x 40	50	89
DAISY-28X1-W	20.2	1140 x 40	50	86
DAISY-28X1-WW	20.2	1140 x 40	80	85

DAISY-7X1

DAISY-7X1-M	20.3	280 x 40	25	86	
DAISY-7X1-W2	20.3	280 x 40	50	89	
DAISY-7X1-W	20.3	280 x 40	56	86	
DAISY-7X1-WW	20.3	280 x 40	80	85	
DAISY-7X1-O	20.3	280 x 40	30 + 70	75	
DAISY-7X1-FT-D	NEW	20.3	280 x 40	asymm.	72
DAISY-7X1-ZT25	20.3	280 x 40	asymm.	72	
DAISY-7X1-WAS	NEW	20.3	280 x 40	asymm.	79

DAISY-2X2

DAISY-2X2-W	21	80 x 80	55	86
DAISY-2X2-WW	21	80 x 80	80	85

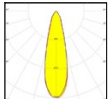
DAISY-4X1

DAISY-4X1-W	20.2	182 x 40	50	86
DAISY-4X1-WW	20.2	182 x 40	80	85

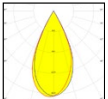
DAISY-8X1

DAISY-8X1-M	20.3	305 x 38	27	86
DAISY-8X1-W	20.3	305 x 38	50	86
DAISY-8X1-WW	20.3	305 x 38	80	85

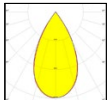
* typ eff values measured using black shades



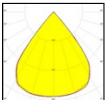
DAISY-7X1/8X1-M



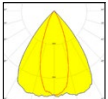
DAISY-7X1-W2



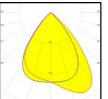
DAISY-XXX-W



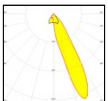
DAISY-XXX-WW



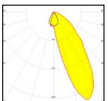
DAISY-7X1-O



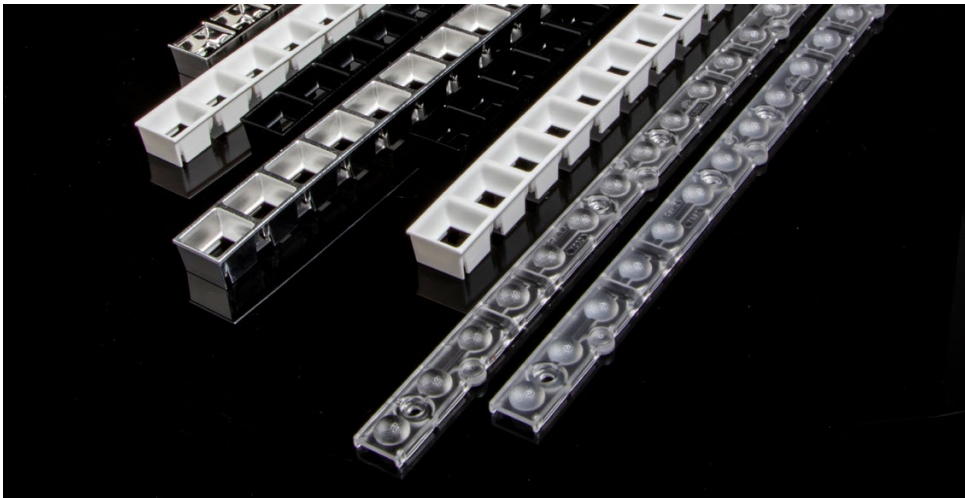
DAISY-7X1-FT-D



DAISY-7X1-ZT25



DAISY-7X1-WAS



DAISY-MINI

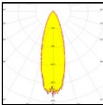
www.ledil.com/daisy-mini

TESTED FOR
TUNABLE
WHITE

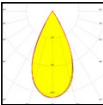
- Compatibility:
- Optimized for 2835 and compatible with up to 5630 size mid-power LED packages
 - Colours: black and white (gloss or matt), also available with metallized shade
 - Lenses: clear or diffused

DAISY-MINI

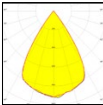
name	h	d	typ. FWHM	typ. eff.
DAISY-MINI-M	13.3	279.5 x 21	30	82
DAISY-MINI-W	13.3	279.5 x 21	50	86
DAISY-MINI-WW	13.3	279.5 x 21	65	84
DAISY-MINI-WWW-D NEW	13.3	279.5 x 21	65	74



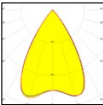
DAISY-MINI-M



DAISY-MINI-W



DAISY-MINI-WW



DAISY-MINI-WWW-D

Reflectors



ADELLA

www.ledil.com/adelia

Ø50/70/75/110 mm premium aluminum reflector family ideal for visual perfection

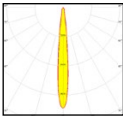
Compatibility:

- Ø50 mm: optimized for 10 mm LES COBs
- Ø70 mm and Ø75 mm: optimized for 14.5 mm LES COBs
- Ø110 mm: optimized for 22 mm LES COBs

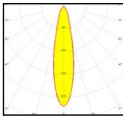
Easy mounting using ADELLA adapters

Adapters available for HEKLA and B-interface with 3rd party connectors

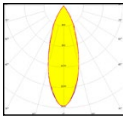
name	beam	h	d	typ. FWHM	typ. eff.	typ.cd/lm
ADELLA-50/70/75/110-S	spot	18 / 43 / 43 / 58	50 / 70 / 75 / 110	15	90	5
ADELLA-50/70/75/110-M	medium	18 / 43 / 43 / 58	50 / 70 / 75 / 110	24	90	3.5
ADELLA-50/70/75/110-W	wide	18 / 43 / 43 / 58	50 / 70 / 75 / 110	36	90	2
ADELLA-50/70/75/110-WW COMING	extra wide	18 / 43 / 43 / 58	50 / 70 / 75 / 110	55	90	1



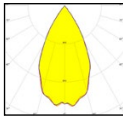
ADELLA-
50/70/75/110-S



ADELLA-
50/70/75/110-M



ADELLA-
50/70/75/110-W



ADELLA-
50/70/75/110-WW



ELLA



ALISE

ELLA

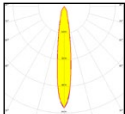
www.ledil.com/ella

Compatibility: Optimized for 4–8 mm LES size COBs

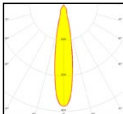
When used with OLGA holder compatible with up to 7070 size LED packages

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

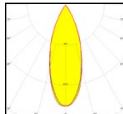
* with holder



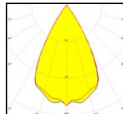
ELLA-30-S



ELLA-30-M



ELLA-30-W



ELLA-30-WW

ALISE-50, -70, -110

www.ledil.com/alise



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

Compatibility:

Optimized:

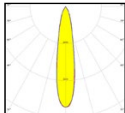
- Ø50 mm: LES 10 mm

- Ø70 mm: LES 14.5 mm

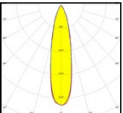
- Ø110 mm: LES 22 mm

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

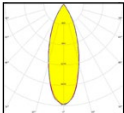
name	beam	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ALISE-50/70/110-S	spot	25 / 42 / 65	50 / 70 / 110	15	92	5.3
ALISE-50/70/110-M	medium	25 / 42 / 65	50 / 70 / 110	24	92	4.1
ALISE-50/70/110-W	wide	25 / 42 / 65	50 / 70 / 110	36	92	2.3
ALISE-50/70/110-WW	extra wide	25 / 42 / 65	50 / 70 / 110	60	91	1.0



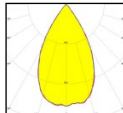
S



M



W



WW

The information contained herein is the property of Ledil Oy, Joensuukatu 13, FI-24100 SALO, Finland, and is subject to change without prior notice. Please visit ledil.com for additional information, such as the latest photometric files, 3D mechanical models, and application notes relating to handling, gluing and taping.

Reflectors

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

Compatible with LEDiL HEKLA baseparts (page 43)
Compatibility: COBs with LES size up to 19 mm

www.ledil.com/brooke-g2

NN
KONNTAKT

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



MIRELLA

www.ledil.com/mirella

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



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

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

TUNABLE WHITE

MIRELLA-PF

Press-fit fastening with LEDiL sockets

Compatibility:

- COBs with LES size up to 14 mm
- 3rd party connectors from Bender+Wirth
- 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

Reflectors

BARBARA

www.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



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

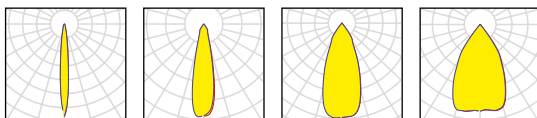
BARBARA-RZ-LENS color mixing sublens

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/lena

Compatibility:

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

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
LENA-S	spot	111	86	11	85	7.6
LENA-SS	smooth spot	111	86	18	82	5.0
LENA-M	medium	111	86	22	83	2.5
LENA-W	wide	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/lenina

Compatibility:

- COBs with LES size up to 35 mm
- 3rd party connectors from 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	spot	74	46	19	88	4.5
LENINA-M	medium	74	46	31	87	2.1
LENINA-W	wide	74	46	53	87	1.1
LENINA-XW	extra wide	74	46	73	89	0.6
LENINA-S-HMDS	spot	74	40	22	93	3.7
LENINA-M-HMDS	medium	74	40	37	93	1.9
LENINA-W-HMDS	wide	74	40	65	91	0.9

additional accessories

LENINA-DL	diffuser lens
LENINA-CL	clear lens



Reflectors

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

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

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

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	asymm	97x 83	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

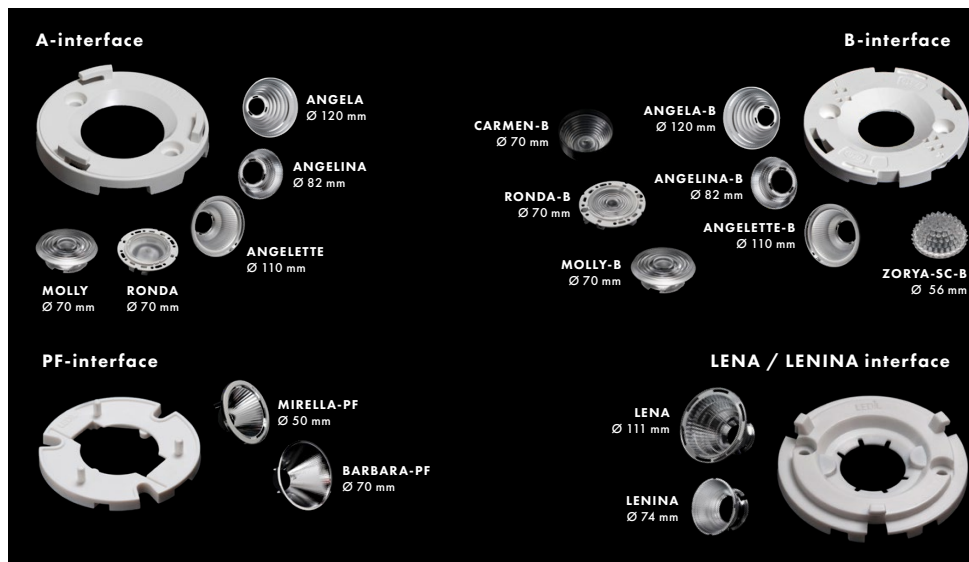
www.ledil.com/rita

Compatibility: Up to 5050 size LED packages

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



Baseparts



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

* 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, Tridonic SLE

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 PrevaLED 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

Bender+Wirth COB HOLDER HYBRID 630 - 3Hook

B-interface (3rd party)

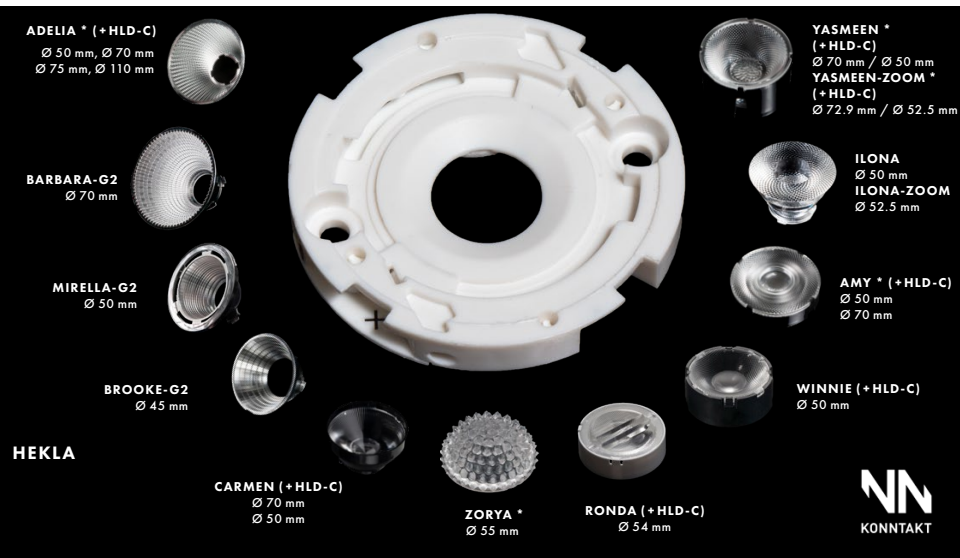
BJB 47.319

Tridonic SLE

Bender+Wirth COB HOLDER HYBRID 630 - Bayonet50

LENA/LENINA interface (3rd party)

Bender+Wirth COB HOLDER HYBRID 630 - Lena



HEKLA connectors, sockets and accessories

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	Vero 10
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
HEKLA-SOCKET-VERO18	Vero 13, 18 and B&W 4xx /Typ-L1
XTM-ADAPTER-50-B & -C	
accessories	
HEKLA-RZ-LENS NEW	Colour mixing sublens for tunable white lighting

HEKLA 3rd party connectors

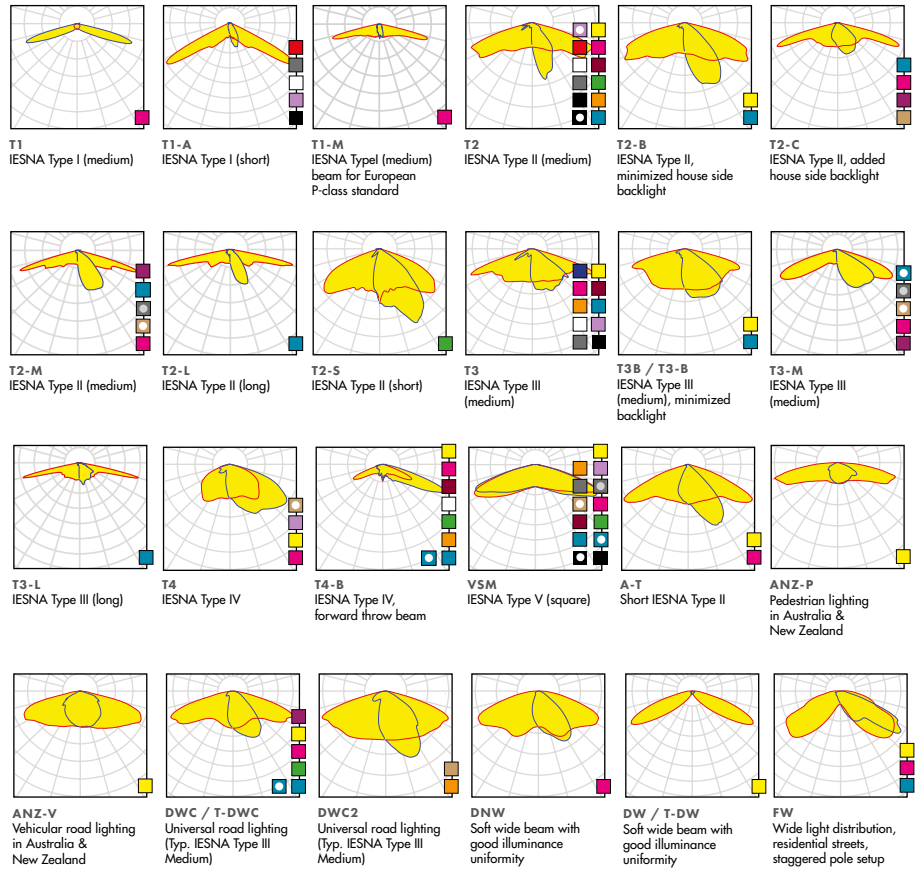
Bender+Wirth COB HOLDER HYBRID 630 - Hekla

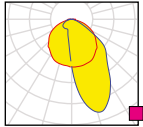
* Compatible with HEKLA-RZ colour mixing sublens

Street & Area lighting

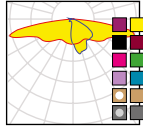


	STRADA-SQ		SITARA		STRADA-2X2MXS		STRADELLA-8		STRADELLA-IP-16
	STRADA-2X2		SITARA-2X2		STRADA-IP-2X6		STRADA-IP-8MX		STRADELLA-IP-28
	STRADA-2X2CSP		STRADA-IP-24		STRADA-IP-16MX		STRADELLA-8-CSP		STRADELLA-IP-64
	STRADA-2X2-5050		STRADA-2X2MX		STRADELLA		STRADELLA-16		
	STRADA-2X2S								

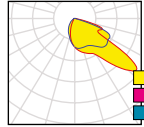




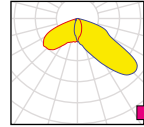
NMS
narrow beam,
minimal house side light



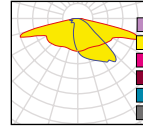
SCL
Type II/III (long),
ideal for pedestrian paths
and residential roads



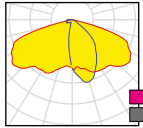
PX
Double asym.,
pedestrian crossings,
right side traffic



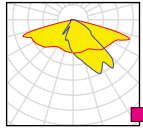
PXL
Double asym.,
pedestrian crossings,
left side traffic



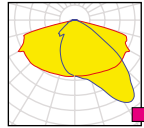
ME
Excellent longitudinal
luminance uniformity
fulfilling EN13201
M-class requirements



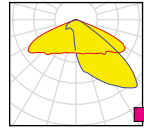
ME-N
Designed for high poles,
fulfilling EN13201
M-class requirements



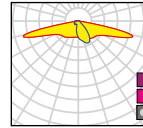
ME-WIDE1
Fulfilling EN13201 M-class
requirements, added
house side backlight



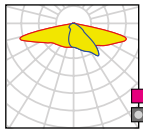
ME-WIDE2
For staggered pole
setups fulfilling EN13201
M-class requirements



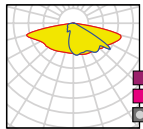
MEW
Extremely low glare
fulfilling EN13201 M-class
requirements for wet road
surfaces in North Europe



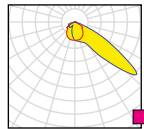
LN1
For EN13201 M-class
requirements with high
poles or where road width
≤ the pole height



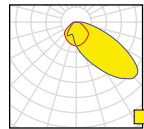
LM1
For EN13201 M-class
requirements where road
width ≥ the pole height



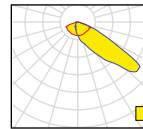
LW1
For EN13201 M-class
requirements where road
width > the pole height



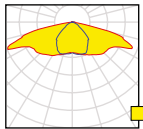
FN
Narrow forward throw
beam for area lighting



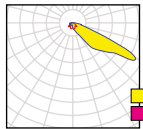
FT
Forward throw beam for
area lighting



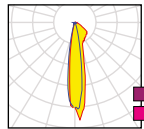
FS
Forward throw beam for
area lighting



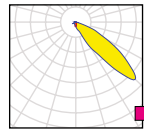
FS2
For symmetrical tunnel
lighting and parking
garages, ideal for
catenary street lighting



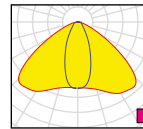
FS3
Forward throw beam
optimized for European
tunnels, extremely efficient
lighting with counter-beam
method



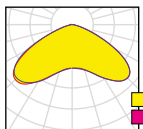
FR
Asymmetric spot light
beam for floodlighting
railway tracks according
to Russian normative



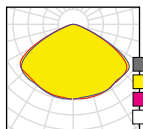
TF
Narrow forward throw
beam optimized for
European tunnels



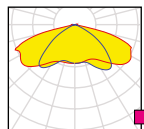
B2
For area lighting and
applications demanding
a wide oval beam pattern



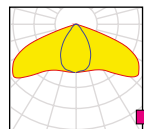
C
For area and street
lighting such as parks
and pedestrian walkways



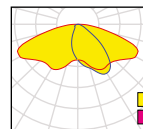
CY
For canopy lighting with
batwing light distribution,
suitable for symmetrical
tunnel lighting



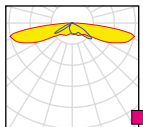
CAT
Catenary street light
beam optimized for
EN13201 M-classes



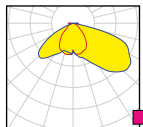
CAT-B
Narrow catenary street
light beam optimized for
EN13201 M-classes and
tilted poles



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.

Street & Area lighting



STRADA



STRADA-SQ



STRADA-2X2



STRADA-2X2CSP

www.ledil.com/strada

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	8.1	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	10.4	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	11.9	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-SCL	25 x 25	9.1	94	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.

* Available also with beam direction rotated 90°

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to ledil.com for LED specific values and product datasheets.

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	7.8	94	asymm.
STRADA-2X2-T2 **	50 x 50	7.7	94	asymm.
STRADA-2X2-T2-C	50 x 50	7.3	94	asymm.
STRADA-2X2-T2-M **	50 x 50	11.9	94	asymm.
STRADA-2X2-T3 * / **	50 x 50	7	94	asymm.
STRADA-2X2-T3-M	50 x 50	9.7	93	asymm.
STRADA-2X2-T4	50 x 50	7	94	asymm.
STRADA-2X2-T4-B **	50 x 50	9.0	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	10.2	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	6.1	94	150
STRADA-2X2-CAT	50 x 50	6.2	94	asymm.
STRADA-2X2-CAT-B **	50 x 50	7.7	94	asymm.
STRADA-2X2-SCL **	50 x 50	7.8	94	asymm.
STRADA-2X2-FW	50 x 50	11	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	8.1	94	asymm.
STRADA-2X2-XW	50 x 50	7	94	asymm.
STRADA-2X2-B2-STP	50 x 50	5.2	93	asymm.
STRADA-2X2-C-STP **	50 x 50	6.3	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	8.7	94	asymm.
STRADA-2X2-FS3 **	50 x 50	12	94	asymm.
STRADA-2X2-LN1	50 x 50	7.1	94	asymm.
STRADA-2X2-LM1	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	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	7.5	50 x 50	94	asymm.
STRADA-2X2CSP-VSM	7.0	50 x 50	94	150
STRADA-2X2CSP-T2	7.7	50 x 50	94	asymm.
STRADA-2X2CSP-T3	6.5	50 x 50	94	asymm.
STRADA-2X2CSP-T4-B	6.8	50 x 50	94	asymm.
STRADA-2X2CSP-ME	6.6	50 x 50	93	asymm.

Street & Area lighting

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	50 x 50	9.7	94	asymm.
STRADA-2X2-5050-T2-M	50 x 50	7.2	79	asymm.
STRADA-2X2-5050-T3-M	50 x 50	7.3	92	asymm.
STRADA-2X2-5050-FR	50 x 50	11.8	93	asymm.
STRADA-2X2-5050-SCL	50 x 50	7.1	94	asymm.
STRADA-2X2-5050-DWC	50 x 50	7.4	93	asymm.
STRADA-2X2-5050-LN1 NEW	50 x 50	6.5	89	asymm.
STRADA-2X2-5050-LW1 NEW	50 x 50	6.5	80	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	12.0	95	asymm.
STRADA-IP-2X6-T2-B-90	173 x 71.4	12.0	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	12.8	94	asymm.
STRADA-IP-2X6-T3-B-90	173 x 71.4	12.8	94	asymm.
STRADA-IP-2X6-T3-L *	173 x 71.4	13	94	asymm.
STRADA-IP-2X6-T4-B *	173 x 71.4	10.6	94	asymm.
STRADA-IP-2X6-DWC *	173 x 71.4	7.9	93	asymm.
STRADA-IP-2X6-DWC-90 *	173 x 71.4	9.0	94	asymm.
STRADA-IP-2X6-DWC-B	173 x 71.4	8.9	94	asymm.
STRADA-IP-2X6-ME *	173 x 71.4	8.4	94	asymm.
STRADA-IP-2X6-VSM *	173 x 71.4	9	94	140
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.
STRADA-IP-2X6-PXL NEW	173 x 71.4	10.3	94	asymm.

* Available also in PC

STRADA-IP-24 modules

PATENTED

Compatibility: Flat 5050 size LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-IP-24-T2-M*	173 x 71.4	9.1	93	asymm.
STRADA-IP-24-T3-M (+PC) COMING	173 x 71.4	9.0	88	asymm.
STRADA-IP-24-T4-B (+PC) COMING	173 x 71.4	12.0	TbA	asymm.
STRADA-IP-24-DWC(+PC) NEW	173 x 71.4	9.0	89	asymm.
STRADA-IP-24-VSM (+PC) NEW	173 x 71.4	9.8	91	asymm.
STRADA-IP-24-IWW-PC COMING	173 x 71.4	9.8	93	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	10.1	89



STRADA-2X2-5050



STRADA-IP-2X6



STRADA-IP-24



STRADA-IP-8MX



STRADA-IP-16MX

NEW

2X2^{mx}

2X2^{11X}

STRADA-IP-16MX modules

PATENTED

Compatibility: CSP LEDs

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-IP-16MX-T2-M	90 x 90	8.6	90	asymm.
STRADA-IP-16MX-T3-M	90 x 90	8.6	90	asymm.
STRADA-IP-16MX-VSM	90 x 90	8.6	90	145
STRADA-IP-16MX-T4	90 x 90	8.6	94	asymm.
STRADA-IP-16MX-SCL	90 x 90	8.6	93	asymm.

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	150
STRADA-2X2MX-8-SCL	90 x 90	13.2	94	asymm.
STRADA-2X2MX-8-T4-B	90 x 90	13.2	94	asymm.
STRADA-2X2MX-8-T2	90 x 90	12.6	94	asymm.
STRADA-2X2MX-8-T2-S	90 x 90	11.1	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	150
STRADA-2X2MXS-T2	90 x 90	12.6	91	asymm.
STRADA-2X2MXS-T3	90 x 90	14.8	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	dimensions	h	typ. eff.	typ. FWHM
STRADA-T-6X1-ME	119.8 x 25.2	8.2	93	asymm.
STRADA-T-6X1-DNW	119.8 x 25.2	5.6	93	asymm.
STRADA-T-6X1-DWC	119.8 x 25.2	5.5	94	asymm.

SITARA

www.ledil.com/sitara

Compatibility: Optimized for 5050 size flat SMD LEDs

name	dimensions	height	typ. eff.	typ. FWHM
SITARA-2X2-T2	50 x 50	9.3	78	asymm.
SITARA-T1-A	18 x 18	5.9	88	asymm.
SITARA-T2	18 x 18	7.7	83	asymm.
SITARA-HB-S	18 x 18	5.0	94	35
SITARA-HB-M	18 x 18	5.7	94	65

TATIANA

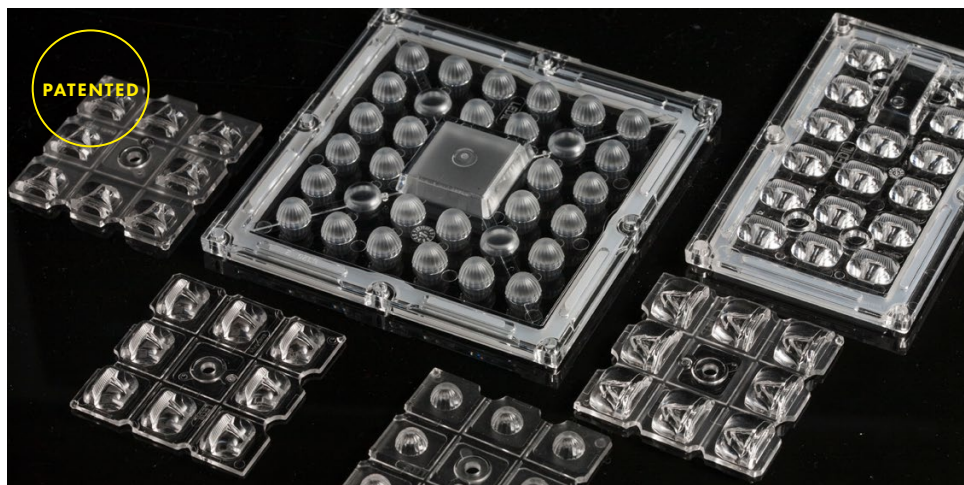
www.ledil.com/tatiana

Compatibility: Up to 3535 size LED packages

name	dimensions	height	typ. FWHM	typ. eff.	typ. cd/lm
TATIANA-1X4-B	102 x 25	7.7	144 + 62	94	0.54



Street & Area lighting



STRADELLA

www.ledil.com/stradella

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	4.7	13.9 x 13.9	115	94	0.3
STRADELLA-T2	asymmetric	1	5.0	13.9 x 13.9	asymm.	94	0.8
STRADELLA-T3	asymmetric	1	5.0	13.9 x 13.9	asymm.	94	0.7
STRADELLA-T4-B	asymmetric	1	5.2	13.9 x 13.9	asymm.	93	0.6
STRADELLA-T1-A	asymmetric	1	5.3	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	7.1	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	6.0	50 x 50	asymm.	92	0.7
STRADELLA-8-HV-ME3 NEW	asymmetric	8	5.6	50 x 50	asymm.	93	0.9
STRADELLA-8-HV-CY	wide area lighting	8	4.9	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	5.3	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	7.1	50 x 50	87	94	0.5

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

** Available also in PC

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to ledil.com for LED specific values and product datasheets.

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	7.1	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	8.5	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

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
STRADELLA-IP-64-VSM	wide	64	9.7	253 x 74	asymm.	92	0.6
STRADELLA-IP-64-T3-M	COMING asymmetric	64	9.7	253 x 74	asymm.	TBA	TBA
STRADELLA-IP-64-T4-B	COMING asymmetric	64	9.7	253 x 74	asymm.	94	0.6

Street & Area lighting



SPORT-2X2-S1



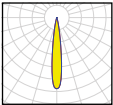
JENNY family

SPORT-2X2

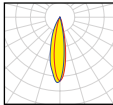
www.ledil.com/sport

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

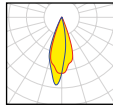
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SPORT-2X2-S1	NEW	spot	13.6	50 x 50	10	92	9.0
SPORT-2X2-S2		asymmetric	14.2	50 x 50	asymm.	97	4.9
SPORT-2X2-S4		asymmetric	14.4	50 x 50	asymm.	97	2.9
SPORT-2X2-S6		asymmetric	15.5	50 x 50	asymm.	97	1.8
SPORT-2X2-FT60		asymmetric	15.5	50 x 50	asymm.	88	1.3
SPORT-2X2-FT6		asymmetric	11.0	50 x 50	asymm.	92	1.2
SPORT-2X2-FT6W		asymmetric	12.3	50 x 50	asymm.	97	1.1
SPORT-2X2-FT4	COMING	asymmetric	10.8	50 x 50	asymm.	TBA	TBA



S1



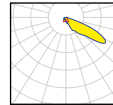
S2



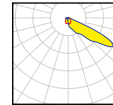
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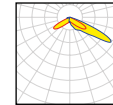
S6



FT60



FT6



FT6W

JENNY

www.ledil.com/jenny

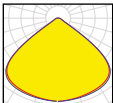
Comes either as a single lens or in a 8 lens array with possibility to separate lenses individually.

Can be installed with glue or 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 *	14.5	35 x 35	96	20
JENNY-40 *	15	35 x 35	96	40
JENNY-60 *	13.4	35 x 35	94	60
JENNY-FT45 *	20.7	35 x 35	92	asymm.
JENNY-FT65 *	15.4	35 x 35	93	asymm.

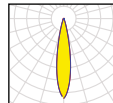
* Available also in 8 lens array



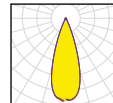
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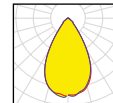
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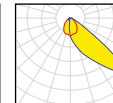
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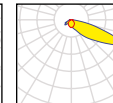
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60



FT45

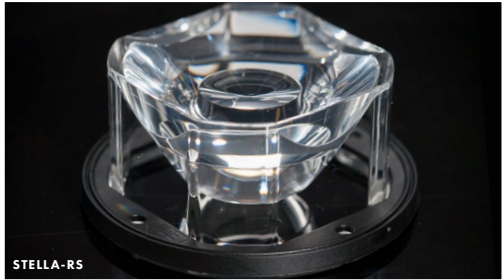


FT65

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to ledil.com for LED specific values and product datasheets.



STELLA-G2-T3



STELLA-RS

STELLA

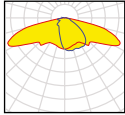
www.ledil.com/stella

STELLA-G2

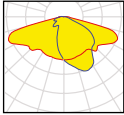
Compatibility:

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

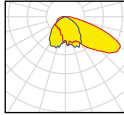
name	d	h	typ. eff.	typ. FWHM
STELLA-G2-T2	90	26.5	86	asymm.
STELLA-G2-T3	90	40.2	91	asymm.
STELLA-G2-T4	90	45.2	89	asymm.
STELLA-G2-VSM	90	25.6	91	asymm.



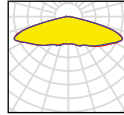
T2



T3



T4



VSM

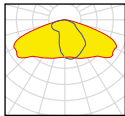
STELLA

Compatibility:

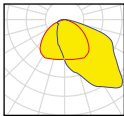
- Asymmetric STELLA's: up to 23 mm LES size
- Symmetric STELLA's: up to 30 mm LES size
- 3rd party connectors from BJB, B+W and TE
- Installation frame made from aluminium available for FRESNEL and WWW beams

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	19.3	90	92	asymm.
STELLA-RS	39.2	90	94	25

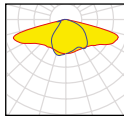
STELLA-CLAMP-CXA15-18



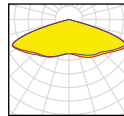
A



T4



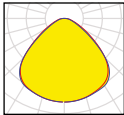
DWC2



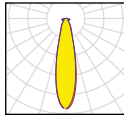
VSM



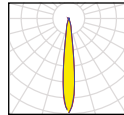
HB



HB-WWW



FRESNEL



RS

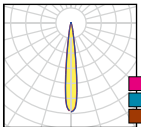


Highbay solutions

 HB-SQ	 STRADELLA-8-HB
 HB-2X2	 STRADELLA-16-HB
 HB-2X2-5050	 STRADELLA-IP-28-HB
 HB-2X2MX	 STRADELLA-IP-64-HB
 HB-2X2MX5	 SITARA-HB
 HB-IP-8MX	 VICTORIA
 HB-IP-24	 VICTORIA-MINI
 HB-IP-2X6	 STELLA
 HB-IP-2X6-G2	
 STRADELLA-HB	

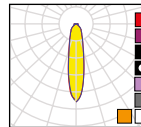


~15° High bay

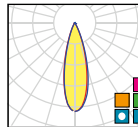


RS

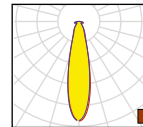
~30° High bay



S

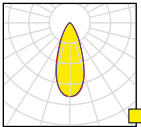


M

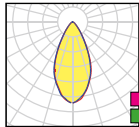


FRESNEL

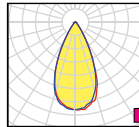
~45° Mid bay



A

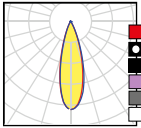


W

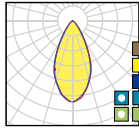


RW

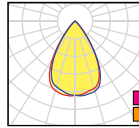
~60° Mid bay



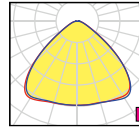
M



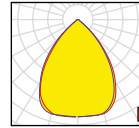
W



WW

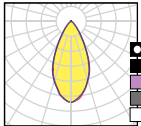


WWW

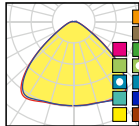


HB

~90° Low bay

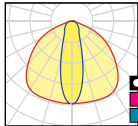


W

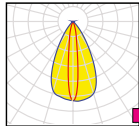


WWW

Oval



O



ON

HB FAMILY

www.ledil.com/highbay

HB-SQ
Dimensions: 25 x 25 mm
Compatibility:
– Up to 7070 size LED packages

HB-IP-8MX modules
Dimensions: 90 x 90 mm
Compatibility:
– Optimized for flat 5050 packages (without dome)

HB-2X2MX & silicone 2X2MXS modules
Dimensions: 90 x 90 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-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-24 modules **NEW**
Dimensions: 173 x 71.4 mm
Compatibility:
– Up to 5050 size LED packages



STRADELLA FAMILY

www.ledil.com/stradella

STRADELLA-HB
Dimensions: 13.9 x 13.9 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-16-HB
Dimensions: 49.5 x 49.5 mm
Compatibility:
– Up to 3535 size LED packages

STRADELLA-IP-64-HB
Dimensions: 74 x 253 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



VICTORIA / VICTORIA-MINI

www.ledil.com/victoria

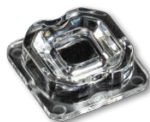
Diameter: 300 mm / 180 mm
Compatibility:
– Optimized for 2835 and compatible with up to 5630 size mid-power LED packages
– Recommended to be used with two LEDs per one optic which can be up to 5630 in size
– Can be used with single domeless 5050 size LED packages



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/stella

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, B+W and TE



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