

LEDiL

Product catalogue

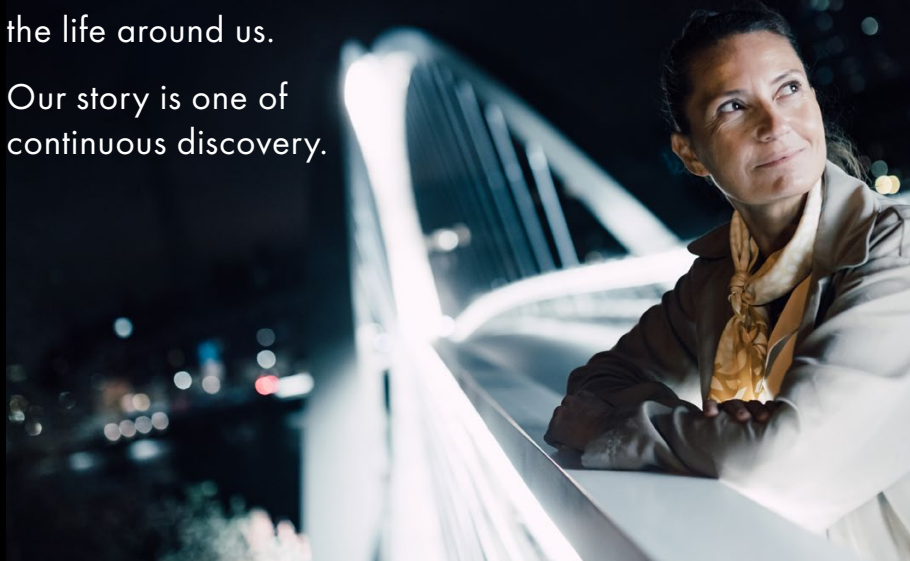
Q2, 2024



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](https://www.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](https://www.ledil.com/installation_guide)

Sales network & area sales representatives

Detailed information and list of distributors: ledil.com/contacts

Europe

Finland, Sweden, Norway, Iceland, Denmark	Jean-Martin Nuutinen	jean-martin.nuutinen@ledil.com	+358 400 874 760
Estonia, Latvia, Lithuania	Jean-Martin Nuutinen	jean-martin.nuutinen@ledil.com	+358 400 874 760
Germany, Austria, Switzerland	Oliver Klasen	oliver.klasen@ledil.com	+49 151 2066 1985
	Martin Lengwenus	martin.lengwenus@ledil.com	+49 157 7191 6641
UK, Ireland, Belgium, Netherlands, Luxembourg	Simon Aldred	simon.aldred@ledil.com	+44 7540 726 384
France	Benjamin Kiecken	benjamin.kiecken@ledil.com	+33 682 795 592
	Arthur Benoist-Gironiere	arthur.benoist-gironiere@ledil.com	+33 699 093 246
Spain, Portugal	Dave Simpson	dave.simpson@ledil.com	+34 607 858 901
Italy, Malta	Diego Quadrio	diego.quadrio@ledil.com	+39 340 659 9236
Balkan, Greece	Gregor Pokeržnik	gregor.pokerznik@ledil.com	+386 41 667 623
Poland, Czech Republic, Slovakia	Marcin Wiewiórka	marcin.wiewiorka@ledil.com	+48 501 765 576
Turkey	Engin Bilgili	engin.bilgili@ledil.com	+90 531 811 3646

Middle East

Middle East	Florian Hoerl	florian.hoerl@ledil.com	
Israel	Florian Hoerl	florian.hoerl@ledil.com	

Africa

Algeria, Morocco, Tunisia	Benjamin Kiecken	benjamin.kiecken@ledil.com	+33 682 795 592
	Arthur Benoist-Gironiere	arthur.benoist-gironiere@ledil.com	+33 699 093 246
Africa	Florian Hoerl	florian.hoerl@ledil.com	

Asia & Oceania

India	Radhesyam Nandigam	india@ledil.com	+91 9676 333 162
	Vijay Padimandla	india@ledil.com	+91 8008 413 434
Mongolia, Hong Kong SAR, Taiwan	Harry Tsai	harry.tsai@ledil.com	+86 158 1558 5631
	Harry Tsai	harry.tsai@ledil.com	+86 158 1558 5631
China	Nancy Liu	nancy.liu@ledil.com	+86 158 1768 3941
	Yugui Lian	yugui.lian@ledil.com	+86 135 8568 7997
	Exleod An	pengfei.an@ledil.com	+86 185 0308 3638
South-Korea	Gunwoo Kim	gw.kim@ledil.com	+82 10 9996 9127
Japan	Kazuaki Kimura	kazuaki.kimura@ledil.com	+81 90 3212 4135
Thailand, Malaysia, Singapore, Vietnam, Indonesia, Philippines, Australia, New Zealand	Supplack Sae-Sean	supplack.sae-sean@ledil.com	+66 869 741 968

North America

Eastern USA, Eastern Canada	Customer Service	customer.service.us@ledil.com	+1 815 766 3200
West Canada, West US	Jeff Roeder	jeff.roeder@ledil.com	+1 949 275 8359
Midwest USA, Ontario	Michael Waddell	michael.waddell@ledil.com	+1 262 729 6487

Latin America & Central America

	Bruno Musolino	bruno.musolino@ledil.com	+55 11 9 8264 6688
Brazil	Jen John Lee	jen.lee@ledil.com	+55 11 9 7378 8874
	Fernanda Cruciani	fernanda.cruciani@ledil.com	+55 11 9 6645 8450
Colombia, Central America	Rodrigo Menabrito	rodrigo.menabrito@ledil.com	+52 1 81 2567 2957
	Pedro Octaviano	pedro.octaviano@ledil.com	+52 1 71 2342 1872
México	Rodrigo Menabrito	rodrigo.menabrito@ledil.com	+52 1 81 2567 2957
Argentina, Chile, Paraguay, Uruguay, Peru	Pablo Bianchi	pablo.bianchi@ledil.com	+54 9 11 5485 6967

Customer service

US and Canada	customer.service.us@ledil.com	+1 815 766 3200
All other countries	sales@ledil.com	

Inside sales

Stina Åkerberg indoor	stina.akerberg@ledil.com	+358 40 548 0886
Nonna Raita outdoor	nonna.raita@ledil.com	+358 40 833 2707

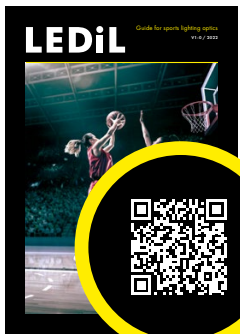
Application guides



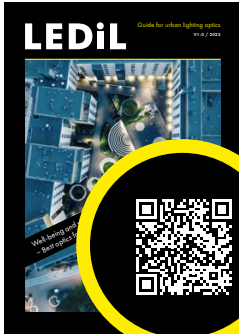
Street lighting



Retail lighting



Sports lighting



Urban lighting



Horticultural lighting



Office lighting



Retail lighting



Common beam type abbreviations

name	beam type	name	beam type	name	beam type
RS	real spot	WWW	very wide	REC	rectangular
SS	smooth spot	XW	extra wide	WAS	wall washer
D	diffused spot	20, 40, 60 etc.	beam angle in degrees	ZTXX	asymmetric
S	spot	UP	uplight	SE	side emitter
M	medium	BW	batwing		
W	wide	WG	wall grazer		
WW	wider	O	oval		

6 Single lenses

BELLA	12
BILLIE	10
CORAL	15
CRYSTAL	14
EMERALD	13
EMILY	11
EMMA	12
EVA	10
FILIPPA	14
FLARE	14
GABRIELLA	15
HEIDI	11
HELENA	13
IRENE	10
IRIE	10
IRIS	10
JULIA	12
KIKI	12
LARISA	6

16 COB lenses

AMY	16
CARMEN	19
ILONA	17
MOLLY	18
RONDA	18
SAGA	20
WINNIE	19
YASMEEN	17
ZORYA	20

21 Multi-lens arrays

ANGIE	22
ANNA	22
CUTE	21
GT3	21
GT4	21
IDA	22
SANDRA	21
SATU	21
TAMPA	22
TUIJA	21
VIRPI	22

23 Linear lenses

BRIANNA	29
CLAUDIA	26
DAHLIA	26
DAISY	28
DAISY-MINI	29
DALINE	30
DARCY	30
FLORENCE	24
FLORENTINA	31
ISLA	25
LIANNA	25
LILIAN	23
LINDA	27
LINNEA	23
SHELLY	23
VANESSA	26
VIOLET	26

32 Reflectors

ADELIA	32
ADELY	32
ALISE	33
ANGELA / ANGELINA / ANGELETTE	38
BARBARA	36
BOOM	39
BRIDGET	39
BROOKE	34
ELLA	33
LENA / LENINA	37
MINNIE	39
MIRELLA	35
RITA	39

42 Street & area lighting

AMBER	49
JENNY	53
SITARA	47
SPORT	52
STELLA	53
STRADA	44
STRADELLA	50
THEIA	48

54 Highbay lighting

HB	55
HB-2X2	55
HB-IP-2X6	55
HB-IP-24	55
STRADELLA-HB	55
SITARA-HB	55
VICTORIA	55

40 Baseparts

HEKLA	41
-------	----

56 Custom solutions

57 Product index

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	7.7 / 7.2	10	14	89	9.4
-S	spot	7.7 / 7.2	10	15	89	8
-M	medium	7.7 / 7.2	10	25	89	4.1
-W	wide	7.7 / 7.2	10	35	90	2.7
-WW	extra wide	7.7 / 7.2	10	45	90	1.5
-WWW	extra ² wide	7.7 / 7.2	10	62	89	0.9
-O/-O-90	oval	7.7 / 7.2	10	16 + 48	84	2.8
-O2	oval	7.7 / 7.2	10	34.5 + 22	80	2.6

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-RZ-O	COMING oval	12.5	26	asymm.	86	1.4
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-WG	asymm.	13.6	22.5 x 22.5	asymm.	92	9.2

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



LARISA



LISA-SS



LISA2-R-PIN



LISA3



VERONICA

VERONICA-SQ

VERONICA-SQ-MINI



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

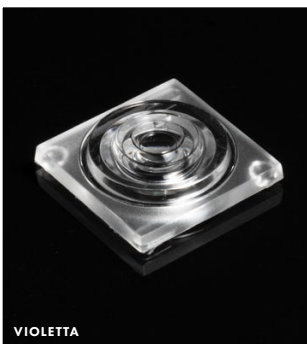
Single lenses



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-WWW	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.
ROSE-UV-G3-S	spot	12.9	21.6 x 21.6	14	92
ROSE-UV-G3-SS	smooth spot	12.9	21.6 x 21.6	12	91
ROSE-UV-G3-M	medium	12.9	21.6 x 21.6	28	91
ROSE-UV-G3-M2	medium	12.9	21.6 x 21.6	26	90
ROSE-UV-G3-W	wide	12.9	21.6 x 21.6	40	88
ROSE-UV-G3-W2	wide	12.9	21.6 x 21.6	30	90
ROSE-UV-G3-O	oval	12.9	21.6 x 21.6	20 + 35	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

NEW

UV-A-B

UV-A-B-C

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

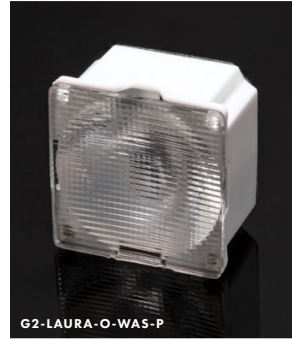
Thinner holder design. Backwards compatible with previous generations.

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 / LEILA-Y-SC2

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.



G2-LAURA-O-WAS-P



LAURA-RS



LEILA

LEILA-G2

New solderless connection for fast and secure lens installation with SOLDER-CLIP-2.

NEW



LEILA-Y-SC2

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	typ. eff.	typ. cd/lm
IRENE-IR-4	14.3	21.6	67 + 67	90	1
IRENE-IR-8	14.3	21.6	32 + 32	90	2.2
IRENE-IR-12	14.3	21.6	25 + 25	90	3
IRENE-IR-16	14.3	21.6	17 + 17	90	6
IRENE-IR-25	14.3	21.6	16 + 16	90	20

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	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

www.ledil.com/titanium

Compatibility: Up to 3535 size LED packages

name	beam type	d	typ. FWHM	typ. eff.	typ. cd/lm
TITANIUM-O-SS	smooth spot	26	9	84	20
TITANIUM-O-M	medium	26	25	87	4.2
TITANIUM-O-W	wide	26	65	71	2
TITANIUM-O-O	oval	26	35 + 8	89	6.4

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	h	d	typ. FWHM	typ. eff.	typ. cd/lm
HEIDI-RS	11.7	21.6	8	92	21.8
HEIDI-D	11.9	21.6	10	90	14.8
HEIDI-SS	11.7	21.6	15	90	6.8
HEIDI-M	11.9	21.6	26	89	3.8
HEIDI-W	11.7	21.6	32	87	2.6
HEIDI-W2	12.0	21.6	45	80	1.1
HEIDI-O	11.9	21.6	49 + 11	87	4.5
HEIDI-O-90	12.1	21.6	13 + 44	87	4.7
HEIDI-REC-90	12.8	21.6	36 + 57	78	1.3

Single lenses

NEW

BELLA

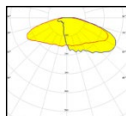
www.ledil.com/bella



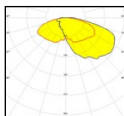
NEW

Compatibility: Up to 7070 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BELLA-SQ-HC	half-C	11.9	25 x 25	asymm.	87	0.4
BELLA-SQ-HVSM	half-VSM	11.9	25 x 25	asymm.	87	0.4



BELLA-SQ-HC



BELLA-SQ-HVSM



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



KIKI-A



JULIA-A

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-A

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



EMMA-360

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



STRADA-S

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



SIRI-A



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
----------------	--------------------	------	---------	--------	----	-----

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

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	679
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.	typ. cd/lm
SEANNA-A	real spot	79	152.6	2.3	87	500

FILIPPA

www.ledil.com/filippa

Compatibility: Up to 3535 size LED packages

name	beam type	h	d	typ. FWHM	typ. eff.
FILIPPA-STVZO	asymm.	17.5	32.9	10 x 20	83

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.



GABRIELLA

www.ledil.com/gabriella

TESTED FOR
TUNABLE
WHITE

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

GABRIELLA-45

name		d	h	typ. fwhm	typ. eff.	typ.cd/lm
GABRIELLA-45-SS	NEW	45	29	11	90	2.1
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

CORAL

www.ledil.com/coral

TESTED FOR
TUNABLE
WHITE

Compatibility: Optimized for single and clustered high-power LEDs

name		d	h	typ. FWHM	typ. eff.	typ.cd/lm
CORAL-IP-OW	NEW	38	24	115 + 6	91	65

NEW

RGBX

www.ledil.com/rgbx

TESTED FOR
TUNABLE
WHITE

Compatibility: Up to 5050 size RGB LEDs

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

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



Low profile lens with wide selection of beams for slim track and downlights.

AMY

www.ledil.com/amy

TESTED FOR
TUNABLE
WHITE

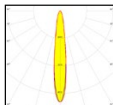


Compatibility:

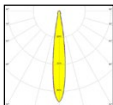
- Ø35 mm optimized for LES 6 mm
- Ø45 mm and Ø50 mm optimized for LES 10 mm
- Ø 70 mm optimized for LES 14.5 mm
- Ø 110 mm optimized for LES 14.5 mm
- LEDiL HEKLA (with holder C)
- B+W and BJB connectors (with holder B)
- AMY-35, -45, -50, -70: 35 mm B+W and BJB connectors
- AMY-110: 50 mm B+W and BJB connectors

name	beam type	d	h	typ. FWHM	typ. eff.	typ. cd/lm
AMY-XX-S2		50	10.7	15	90	4.2
AMY-XX-RS	NEW real spot	50 / 70	10.8 / 11.8	15	90	9.0
AMY-XX-S	spot	35 / 45 / 50 / 70 / 110	8.5 / 10.0 / 10.8 / 12.7 / 23.3	18	90	6.7
AMY-XX-M	medium	35 / 45 / 50 / 70 / 110	8.5 / 10.0 / 10.9 / 12.5 / 23.5	24	92	4.0
AMY-XX-W	wide	35 / 45 / 50 / 70 / 110	8.5 / 10.0 / 11.0 / 13.0 / 23.6	36	89	2.1
AMY-XX-WW	extra wide	35 / 45 / 50 / 70 / 110	8.5 / 10.0 / 11.0 / 12.8 / 23.4	60	90	1.0
AMY-XX-O	oval	35 / 50 / 70	8.5 / 11.0 / 13.0	20 + 55	87	1.9
AMY-XX-WAS	NEW asymm.	50 / 70 / 110	13.1 / 14.9 / 22.10	asymm.	81	1
AMY-XX-ZOOM	NEW zoom	25 / 35 / 45 / 50 / 70	11.9* / 16.5* / 20.4* / 24.4* / 29.6*	20 to 50	80	4.1-1.0

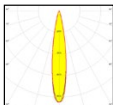
* Measured from the heat sink: Height comprises holder, lens, and sublens measurement



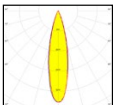
AMY-XX-S2



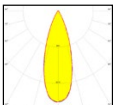
AMY-XX-RS



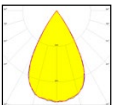
AMY-XX-S



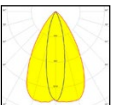
AMY-XX-M



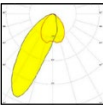
AMY-XX-W



AMY-XX-WW

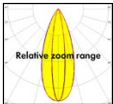


AMY-XX-O



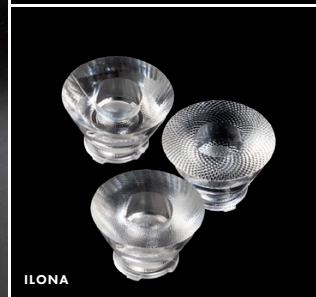
AMY-XX-WAS

AMY-XX-ZOOM



typ. FWHM: 20°-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.



YASMEEN

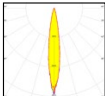
www.ledil.com/yasmeen

TESTED FOR
**TUNABLE
WHITE** HEKLA

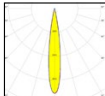
Compatibility:

- Ø35 mm: LES 3-6 mm
- Ø50 mm: LES 6-10 mm
- Ø70 mm: LES 10-14.5 mm
- LEDiL HEKLA (with holder C), page 43
- 35 mm B+W and BJB connectors (with holder B)

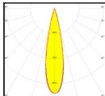
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
YASMEEN-XX-RS NEW	70	39.9	10	90	15
YASMEEN-XX-NS NEW	35	18	14	89	13.6
YASMEEN-XX-S	35 / 50 / 70	18 / 30.5 / 39.9	15	85	8.0
YASMEEN-XX-M	35 / 50 / 70	18 / 30.5 / 39.9	24	85	5.0
YASMEEN-XX-W	35 / 50 / 70	18 / 30.5 / 39.9	36	85	2.0
YASMEEN-XX-WW	35 / 50 / 70	18 / 30.5 / 39.9	60	85	1.0
YASMEEN-XX-ZOOM	52.5 / 72.9	37 / 49.1	15 to 45	80	6-1



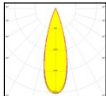
YASMEEN-
70-RS



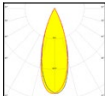
YASMEEN-
35-NS



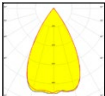
YASMEEN-
35/50/70-S



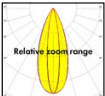
YASMEEN-
35/50/70-M



YASMEEN-
35/50/70-W



YASMEEN-
35/50/70-WW



YASMEEN-50/70-ZOOM
typ. FWHM: 15°-45°

ILONA

www.ledil.com/ilona

TESTED FOR
**TUNABLE
WHITE** HEKLA

Compatibility:

- Optimized for 6-9 mm and compatible with up to 14.5 mm LES size COBs
- LEDiL HEKLA, 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

Single lenses



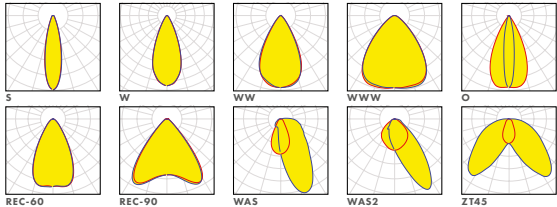
RONDA

www.ledil.com/ronda



- Compatibility:
- LES sizes up to 16 mm, asymmetric up to 14.5 mm
 - LEDiL HEKLA (with holder C), page 43
 - 50 mm B+W and BJB connectors (with holder B)
 - LEDiL A-interface baseparts (with holder A), page 42
 - B+W connectors with LEDiL A-interface (with holder A)

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

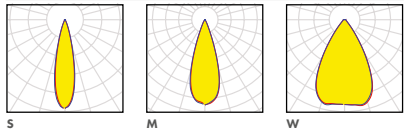


MOLLY

www.ledil.com/molly

- Compatibility:
- Optimized for 14.5 mm LES and compatible up to 19 mm LES
 - LEDiL A-interface baseparts, page 42
 - B+W connectors with LEDiL A-interface
 - 50 mm B+W and BJB connectors (with MOLLY-B variants)

name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
MOLLY-S	spot	24.8	69.8	25	87	4
MOLLY-M	medium	23.6	69.8	37	89	2
MOLLY-W	wide	22.1	69.8	60	60	1





CARMEN-50



WINNIE-M



WINNIE-M-C

CARMEN

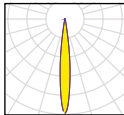
www.ledil.com/carmen



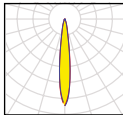
Compatibility:

- CARMEN-50: LES sizes up to 10 mm
- CARMEN-70: LES sizes up to 11 mm
- LEDiL HEKLA (with holder C), page 43
- 40 mm BJB connectors (with holder B)
- CARMEN-70-SHD: CARMEN-RS and -SS

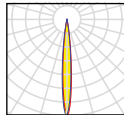
name	beam type	h	d	typ. eff.	typ. cd/lm
CARMEN-50/70-RS	real spot	25.5 / 36.3	50 / 70	70	11
CARMEN-50/70-S	spot	25.5 / 36.3	50 / 70	75	6
CARMEN-50/70-M	medium	25.5 / 36.3	50 / 70	80	2.2
CARMEN-70-M2	medium	36.3	70	70	4
CARMEN-50/70-W	wide	25.5 / 36.3	50 / 70	80	1.5
CARMEN-50/70-RS-WHT	real spot	25.5 / 36.3	50 / 70	85	11
CARMEN-50/70-S-WHT	spot	25.5 / 36.3	50 / 70	88	6
CARMEN-50/70-M-WHT	medium	25.5 / 36.3	50 / 70	88	2.2
CARMEN-50/70-W-WHT	wide	25.5 / 36.3	50 / 70	88	1.5



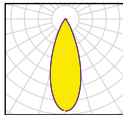
RS



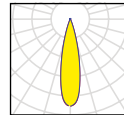
S



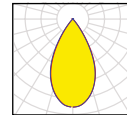
SS



M



M2



W

WINNIE

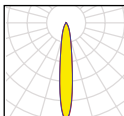
www.ledil.com/winnie



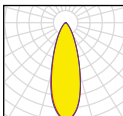
Compatibility:

- COBs with LES sizes up to 21 mm
- LEDiL HEKLA (with holder C), page 43
- B+W mica connectors (with WINNIE holder)

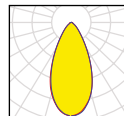
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
WINNIE-S	spot	19.3	49.8	22	88	3.4
WINNIE-M	medium	19.3	49.8	35	86	1.8
WINNIE-W	wide	19.3	49.8	50	88	1.3
WINNIE-WW	extra wide	19.3	49.8	70	83	0.7
WINNIE-O	oval	19.3	49.8	63 + 24	89	1.5



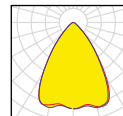
S



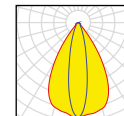
M



W



WW



O

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:

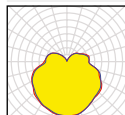
- ZORYA-SC: LES sizes from 6 mm to 24 mm
- LEDiL HEKLA (with adapter C), page 43
- 50 mm B+W and BJB connectors (with adapter B)
- ZORYA-MINI: For high power LEDs up to 7070 size packages

ZORYA

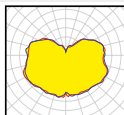
name		h	d	typ. eff.	typ. FWHM	typ. cd/lm
ZORYA-SC		35	55	94	245	0.15
ZORYA-SC-B	BJB 47.319.2021 compatible	35	55	94	245	0.15
ZORYA-SC-C	HEKLA compatible	35	55	94	245	0.15

ZORYA-MINI

name	h	d	typ. eff.	typ. FWHM	typ. cd/lm
ZORYA-MINI	14.6	22	94	145	0.15



ZORYA-SC



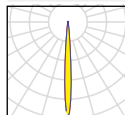
ZORYA-MINI

OLGA

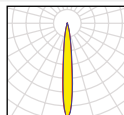
www.ledil.com/olga

Compatibility: Up to 7070 size LED packages

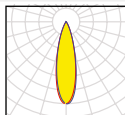
name	d	h	typ. FWHM	typ. eff.	typ.cd/lm
OLGA-RS	30 / 32	18.5 / 19.1	9	92	25.0
YASMEEN-30-RS	30 / 32	18.2 / 18.9	14	90	22.7
OLGA-S	30 / 32	18.5 / 19.1	11	87	13.6
OLGA-M	30 / 32	18.5 / 19.1	25	85	2.8
OLGA-W	30 / 32	18.5 / 19.1	40	89	2.2
OLGA-WW	30 / 32	18.5 / 19.1	60	85	0.8
OLGA-WAS	30 / 32	18.5 / 19.1	asymm.	81	1.1
OLGA-O	30 / 32	18.5 / 19.1	10 + 40	90	5.0



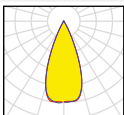
RS



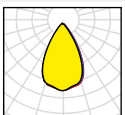
S



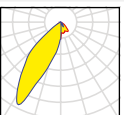
M



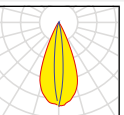
W



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

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
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

name	beam type	LEDs	h	d	typ. FWHM	typ. eff.	typ. cd/lm
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

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



SATU-O



CUTE



GT3-M



SANDRA-12-O

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	medium	6	40	10.7	22	88	3.7
ANNA-40-7-M		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	spot	3	50	10.7	15	91	8.5
ANNA-50-7-S		7					
ANNA-50-3-M	medium	3	50	10.7	22	88	3.7
ANNA-50-7-M		7					
ANNA-50-3-W		3					
ANNA-50-4-W	wide	4	50	10.7	32	86	1.9
ANNA-50-6-W		6					
ANNA-50-7-W		7					

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	75 x 75	15	94	7.5
VIRPI-M	medium	25	9.4	75 x 75	29	92	2.7
VIRPI-W	wide	25	9.4	75 x 75	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	



ANGIE-S



NIS83-MX-7-M



ANNA-40-7-M



IDA16-WW

LINNEA

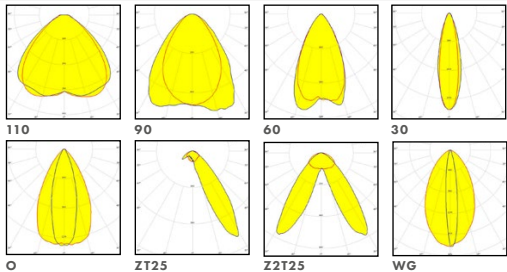
www.ledil.com/linnea

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.

name	h	d	typ. FWHM	typ. eff.	typ. cd /lm
LINNEA-GC2-110	15.2	284 x 43	110	88	0.35
LINNEA-GC2-90	15.2	284 x 43	90	88	0.5
LINNEA-GC2-60	15.2	284 x 43	60	93	0.9
LINNEA-GC2-30	15.2	284 x 43	30	92	2.5
LINNEA-GC2-O	15.2	284 x 43	30 + 60	93	1.3
LINNEA-GC2-ZT25	15.2	284 x 43	asymm.	86	1.1
LINNEA-GC2-ZT25	15.2	284 x 43	asymm.	86	0.6
LINNEA-GC2-WG	15.2	284 x 43	asymm.	90	1.8



LINNEA-GC2



LINNEA-GC



LINNEA-2R



LINNEA

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	0.5
LINNEA-GC-60	12.2	285 x 40	60	93	0.8
LINNEA-GC-O	12.8	285 x 40	73 + 43	91	0.8

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

LINNEA-60 *	12	285 x 40	60	85	0.6
LINNEA-90 *	9.5	285 x 40	90	85	0.4
LINNEA-O *	12	285 x 40	35 + 70	81	0.7
LINNEA-ZT25 *	10.3	285 x 40	asymm.	87	0.5
LINNEA-ZT25 *	9.5	285 x 40	asymm.	80	0.7
LINNEA-UP	10.3	285 x 40	asymm.	79	0.3

* B-version available

LINNEA-2R

LINNEA-2R-O	8.6	567 x 40	90 + 30	94	1
-------------	-----	----------	---------	----	---

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.	typ. cd/lm
LILIAN-ON	14.8	286 x 27	10 + 60	92	1.5

SHELLY

www.ledil.com/shelly

Compatibility: Up to 3535 size LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
SHELLY-T-6X1-N	7	119.8 x 19.6	asymm.	94	0.5
SHELLY-T-6X1-WAS	7.6	119.8 x 19.6	asymm.	94	0.9

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

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

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

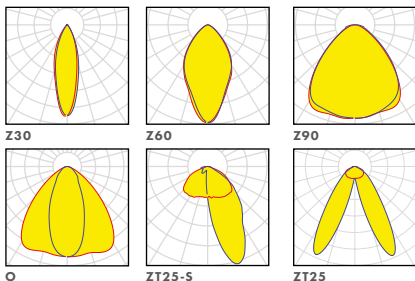
FLORENCE-1R-GC-Z60	wide	70	94	0.7
FLORENCE-1R-GC-Z90	rectangular	90	94	0.5
FLORENCE-1R-GC-ZT25	asymmetric	asymm.	92	0.8

FLORENCE-1R

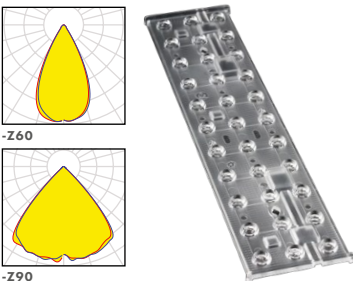
Compatibility: Mid-power LEDs up to 5630 package size

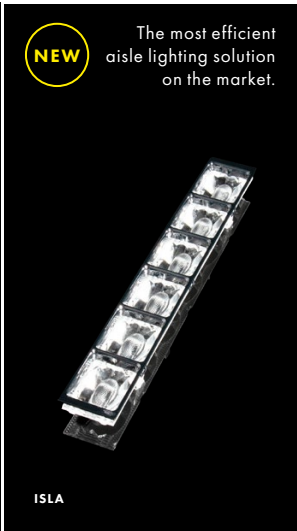
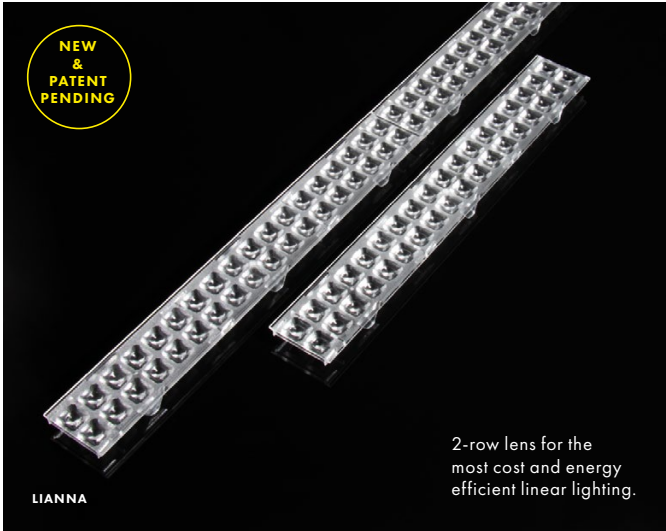
FLORENCE-1R-Z60	medium	58 + 111	94	0.6
FLORENCE-1R-Z90	extra wide	90 + 110	94	0.4
FLORENCE-1R-ZT25	asymmetric	asymm.	86	1.0
FLORENCE-1R-ZT25	double asymmetric	106 + 80	92	0.5
FLORENCE-1R-O	oval	96 + 32	94	0.9
FLORENCE-1R-MAXI-WG	asymmetric	asymm.	94	1.4
FLORENCE-1R-UP	wide area lighting	asymm.	90	0.4
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





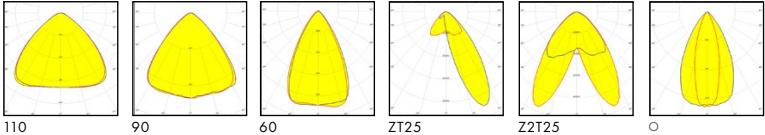
LIANNA

www.ledil.com/lianna

Compatibility: Two-row PCB modules with 3030 and 2835 LEDs. Can be used with single LEDs or 1x2 clusters.

name		beam type	typ. FWHM	typ. eff.	typ. cd/lm
LIANNA-2R-110	COMING	extra wide	110	90	0.3
LIANNA-2R-90	NEW	extra wide	90	90	0.5
LIANNA-2R-60	NEW	wide	60	90	1.0
LIANNA-2R-ZT25	COMING	asymm.	asymm.	82	2.1
LIANNA-2R-Z2T25	COMING	double asymm.	asymm.	93	4.1
LIANNA-2R-O	COMING	oval	60 + 25	92	1.7

Sizes
d: 40 x 1120 mm | h: 10.70 mm
d: 40 x 1400 mm | h: 10.70 mm
d: 40 x 1680 mm | h: 10.70 mm

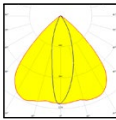


ISLA

www.ledil.com/isla

Compatibility: Optimised for 5050 flat package LEDs.
Shades available as accessories in black, white and metal with gloss finish.

name		beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ISLA-6X1-OA	NEW	wide	14.2	276 x 36	85 + 27	88	1.0



OA

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.	typ. cd /lm
CLAUDIA-60	9.6	279.3 x 29.3	60	94	1.2
CLAUDIA-90	8.1	279.3 x 29.3	81	94	0.6
CLAUDIA-Z2T25	13.6	279.3 x 29.3	asymm.	91	0.4

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
VIOLET-12X1-O NEW	8.8	295 x 42	50 + 10	2.2

DAHLIA

www.ledil.com/dahlia

Compatibility: Up to 3535 size high-power LED packages

name	h	d	typ. FWHM	typ. eff.	typ. cd /lm
DAHLIA-TL110	11	321 x 81	120	94	0.3
DAHLIA-S NEW	11	321 x 81	20	88	4.8
DAHLIA-W NEW	11	321 x 81	90	89	0.5
DAHLIA-O NEW	11	321 x 81	100 + 30	84	1.1

VANESSA

www.ledil.com/vanessa

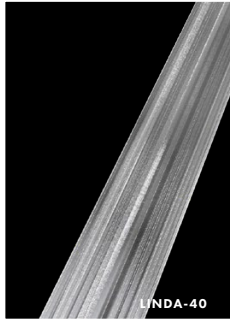
Compatibility: Up to 3535 size LED packages

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

Linear lenses - Extrusions



LINDA



LINDA-40



LINDA-24



Linear light control in pure and compact form.

LINDA-10

LINDA

www.ledil.com/linda

LINDA-40

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-40-WW	wide	9	40 x 1140	90	88	0,4
LINDA-40-W	wide	9	40 x 1140	60	84	0,6
LINDA-40-O	oval	9	40 x 1140	86 + 40	87	1
LINDA-40-ZT25	asymmetric	9	40 x 1140	asymm.	83	0,6
LINDA-40-ZT25	double asymmetric	9	40 x 1140	asymm.	84	0,4

* Custom lengths available upon request valid for LINDA-10, LINDA-24 and LINDA-40

LINDA-24

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

LINDA-WWW	extra wide	6.3	26 x 1140	110 + 100	90	0.3
LINDA-WW	wide	5.3	26 x 1140	65 + 100	90	0.4
LINDA-WW2	wide	5.3	26 x 1140	97 + 87	89	0.4
LINDA-W60	wide	6.3	26 x 1140	60 + 90	88	0.4
LINDA-O	oval	4.9	26 x 1140	40 + 100	88	0.5
LINDA-ZT25	asymmetric	6.5	26 x 1140	asymm.	89	0.5
LINDA-ZT25	double asymmetric	5.3	26 x 1140	asymm.	89	0.4
LINDA-UP	wide-area lighting	7.8	26 x 1140	105 + 145	88	0.2
LINDA-UP2	wide-area lighting	11.4	26 x 1140	165 + 130	88	0.3



WWW



WW



WW2



W60



O



ZT25



ZT25



UP

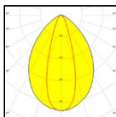


UP2

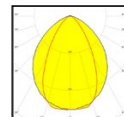
LINDA-10

Compatibility: 8-10 mm LED strips and 2835, 3030 and 5630 mid power LEDs

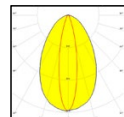
LINDA-10-M	medium	5.1	12.5 x 1140	40 + 85	84	0.7
LINDA-10-W	wide	5.1	12.5 x 1140	55 + 95	87	0.6
LINDA-10-O	oval	7.2	12.5 x 1140	35 + 85	80	0.9
LINDA-10-ZT25	asymmetric	6.1	12.5 x 1140	asymm.	84	0.55
LINDA-10-UP	wide-area lighting	10.3	12.5 x 1140	145 + 100	80	0.25
LINDA-10-F	double asymmetric	5.6	12.5 x 1140	asymm.	80	0.5



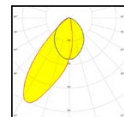
M



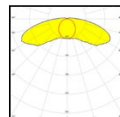
W



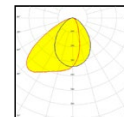
O



ZT25

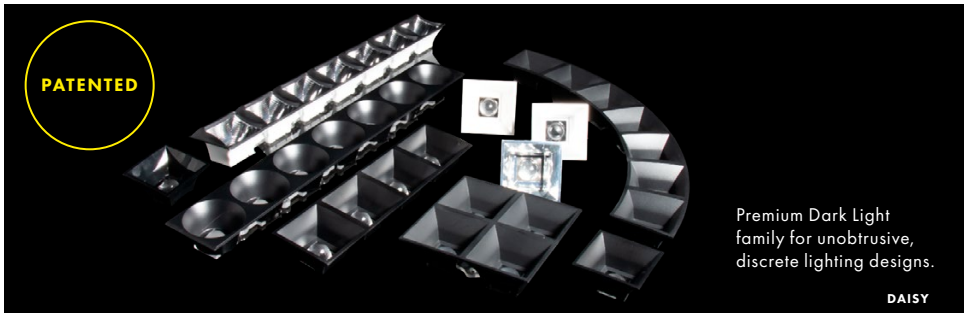


UP



F

Linear lenses - Dark Light



DAISY

www.ledil.com/daisy

TESTED FOR
TUNABLE
WHITE

Compatibility:

- Optimised 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, white and metal with gloss or matt finishes. SHD2 for 4X1 and SHD3 for 7X1.
- Lenses: clear or diffused

DAISY-28X1

name	h	d	typ. FWHM	typ. eff. *	typ. cd/lm
DAISY-28X1-W2	20.3	1140 x 40	50	89	1.5
DAISY-28X1-W	20.3	1140 x 40	50	86	1.2
DAISY-28X1-WW	20.3	1140 x 40	80	85	0.6

DAISY-7X1/14X1

DAISY-7X1/14X1-M	20.3	280/560 x 40	35	86	1.5
DAISY-7X1/14X1-W2	20.3	280/560 x 40	50	89	1.5
DAISY-7X1/14X1-W	20.3	280/560 x 40	50	86	1.5
DAISY-7X1/14X1-WW	20.3	280/560 x 40	80	85	0.6
DAISY-7X1/14X1-O	20.3	280/560 x 40	30 + 70	75	1.2
DAISY-7X1/14X1-BW	20.3	280/560 x 40	asymm.	72	0.5
DAISY-7X1/14X1-FT-D	20.3	280/560 x 40	asymm.	72	0.5
DAISY-7X1/14X1-ZT25	20.3	280/560 x 40	asymm.	72	1.5
DAISY-7X1-WAS	20.3	280/560 x 40	asymm.	79	1.2

DAISY-7X1-CRV

DAISY-7X1-CRV-W	NEW	20.3	r: 200 x 40	56	86	1.5
DAISY-7X1-CRV-WW	NEW	20.3	r: 200 x 40	80	85	0.6

DAISY-1X1

DAISY-1X1-W	NEW	20.3	40 x 40	56	86	1.5
DAISY-1X1-WW	NEW	20.3	40 x 40	80	85	0.6

DAISY-2X2

DAISY-2X2-W		21	80 x 80	55	86	1.2
DAISY-2X2-WW		21	80 x 80	80	85	0.6

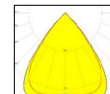
DAISY-4X1

DAISY-4X1-W		20.3	182 x 40	50	86	1.2
DAISY-4X1-WW		20.3	182 x 40	80	85	0.6

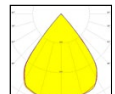
DAISY-8X1

DAISY-8X1-M		20.3	305 x 38	35	86	1.5
DAISY-8X1-W		20.3	305 x 38	50	86	1.2
DAISY-8X1-WW		20.3	305 x 38	80	85	0.6

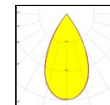
* typ eff values measured using black shades



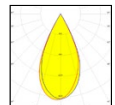
DAISY-7X1/14X1-BW



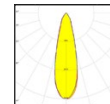
DAISY-XXX-WW



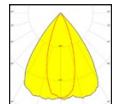
DAISY-XXX-W



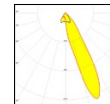
DAISY-7X1/14X1/28X1-W2



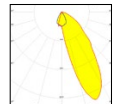
DAISY-7X1/8X1/14X1-M



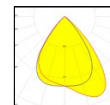
DAISY-7X1/14X1-O



DAISY-7X1/14X1-ZT25



DAISY-7X1-WAS



DAISY-7X1/14X1-FT-D

Linear lenses - Dark Light



DAISY-MINI



BRIANNA

BRIANNA

www.ledil.com/brianna

TESTED FOR
TUNABLE
WHITE

Compatibility:

- Can be used with or without shade
- Optimised for 2835 2x2 LED clusters
- Shades available as accessories in black and white with matt finish.
- Fastening methods with installation clip, side clip fastening, and top flange fastening

BRIANNA-7X1

name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
BRIANNA-7X1-W	13.4	280 x 36	60	85	0.8
BRIANNA-7X1-WW COMING	13.4	280 x 36	74	86	0.6

BRIANNA-14X1

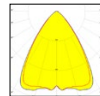
BRIANNA-14X1-W	13.4	560 x 36	60	85	0.8
BRIANNA-14X1-WW COMING	13.4	560 x 36	74	86	0.6

BRIANNA-28X1

BRIANNA-28X1-W	13.4	1120 x 36	60	85	0.8
BRIANNA-28X1-WW COMING	13.4	1120 x 36	74	86	0.6



BRIANNA-XX-W



BRIANNA-XX-WW

DAISY-MINI

www.ledil.com/daisy-mini

TESTED FOR
TUNABLE
WHITE

Compatibility:

- Optimised for 2835 and compatible with up to 5630 size mid-power LED packages
- Colours: black, white and metal with gloss or matt finishes.
- Lenses: clear or diffused

DAISY-MINI-14X1

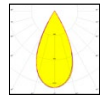
name	h	d	typ. FWHM	typ. eff.	typ. cd/lm
DAISY-MINI-M	13.3	280 x 21	30	82	2
DAISY-MINI-W	13.3	280 x 21	50	86	1
DAISY-MINI-WW	13.3	280 x 21	65	84	0.8
DAISY-MINI-WWW-D	13.3	280 x 21	65	74	0.7
DAISY-MINI-FT-D	13.1	280 x 21	asymm.	70	1

DAISY-MINI-3X1

DAISY-MINI-3X1-W	13.3	60 x 21	54	84	0.9
DAISY-MINI-3X1-WW	13.3	60 x 21	65	82	0.6



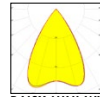
DAISY-MINI-M



DAISY-MINI-W



DAISY-MINI-WW

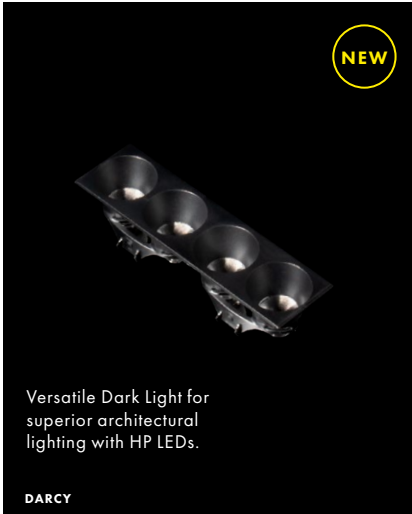


DAISY-MINI-WWW-D



DAISY-MINI-FT-D

Linear lenses - Dark Light



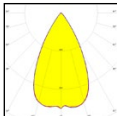
NEW

DALINE

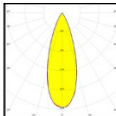
www.ledil.com/daline

Compatibility: Optimised for 1717 CSP LEDs and compatible with up to 2835 MP LEDs.
Colours: black and white with gloss finish.

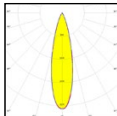
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
DALINE-10-WW	wide	5.1	12.5 x 280	60	89	1.0
DALINE-10-W	wide	5.1	12.5 x 280	35	80	2.0
DALINE-10-M	medium	5.1	12.5 x 280	26	85	3.3
DALINE-10-O	oval	5.1	12.5 x 280	40 + 20	80	2.5
DALINE-10-WAS	asymm.	5.1	12.5 x 280	asymm.	75	1.0



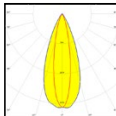
WW



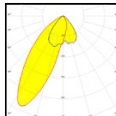
W



M



O



WAS

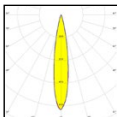
NEW

DARCY

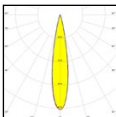
www.ledil.com/darcy

Compatibility: Optimised for 3535 LED packages and compatible with up to 5050 LED packages.
Colours: black and white with matt finish.

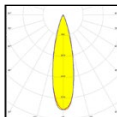
name	beam type	h	d	typ. FWHM	typ. eff.	typ. cd/lm
DARCY-4X1-RS	real spot	21	94 x 25.8	13	TBA	11
DARCY-4X1-SS	smooth spot	21	94 x 25.8	14	TBA	10
DARCY-4X1-M	medium	21	94 x 25.8	22	TBA	4.7
DARCY-4X1-W	wide	21	94 x 25.8	31	TBA	2.8
DARCY-4X1-WW	wide	21	94 x 25.8	55	TBA	1.0
DARCY-4X1-O	oval	21	94 x 25.8	15 + 45	TBA	2.8



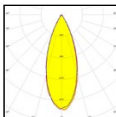
RS



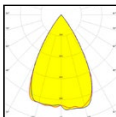
SS



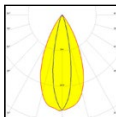
M



W



WW



O

FLORENTINA

www.ledil.com/florentina

Shades available as accessories in black and white with gloss finish.

FLORENTINA-12X1

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

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



FLORENTINA-12X1

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-4X1

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

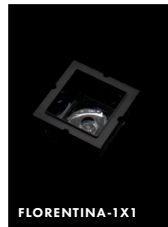


FLORENTINA-2X2

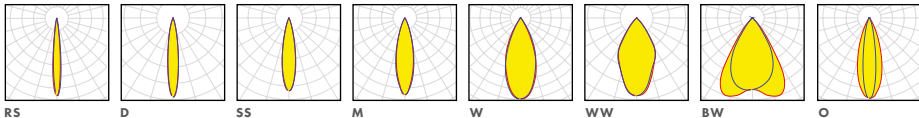
FLORENTINA-4X1

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



FLORENTINA-1X1



Reflectors



NEW

Premium reflector family compatible with YASMEEN holders.

ADELY



ADELIA

NEW

ADELY

www.ledil.com/adely



Ø50/70 mm premium aluminum reflector family combining visual perfection and flexible connectivity with YASMEEN holders

Compatibility:

- Ø50 mm: optimized for 10 mm LES COBs
- Ø70 mm: optimized for 14.5 mm LES COBs
- LEDiL HEKLA (with YASMEEN-50/ADELY-70 holder C)
- 35 mm B+W and BJB connectors (with YASMEEN-50/ADELY-70 holder B)

name	beam	h	d	typ. FWHM	typ. eff.	typ.cd/lm
ADELY-50/70-S	spot	27 / 39	50 / 70	15	88	5
ADELY-50/70-M	medium	27 / 39	50 / 70	24	89	3
ADELY-50/70-W	wide	27 / 39	50 / 70	36	90	2
ADELY-50/70-WW	extra wide	27 / 39	50 / 70	55	90	1

ADELIA

www.ledil.com/adelia



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

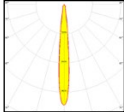
Compatibility:

- 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

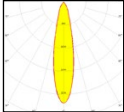
Easy mounting using ADELIA adapters

- LEDiL HEKLA (with adapter C), page 43
- B+W and BJB connectors (with adapter B)
- ADELIA-50, -70 and -75: 35 mm B+W and BJB connectors
- ADELIA-110: 50 mm B+W and BJB connectors

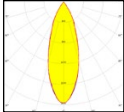
name	beam	h	d	typ. FWHM	typ. eff.	typ.cd/lm
ADELIA-50/70/75/110-S	spot	18 / 43 / 43 / 58	50 / 70 / 75 / 110	15	90	5
ADELIA-50/70/75/110-M	medium	18 / 43 / 43 / 58	50 / 70 / 75 / 110	24	90	3.5
ADELIA-50/70/75/110-W	wide	18 / 43 / 43 / 58	50 / 70 / 75 / 110	36	90	2
ADELIA-70-W2	wide	43	70	50	89	1.4
ADELIA-50/70/75/110-WW	extra wide	18 / 43 / 43 / 58	50 / 70 / 75 / 110	55	90	1
ADELIA-50/70/75/110-WW2	extra wide	18 / 43 / 43 / 58	50 / 70 / 75 / 110	65	87	0.9



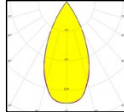
ADELIA-50/70/75/110-S



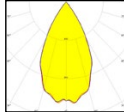
ADELIA-50/70/75/110-M



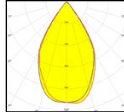
ADELIA-50/70/75/110-W



ADELIA-70-W2



ADELIA-50/70/75/110-WW



ADELIA-50/70/75/110-WW2



ELLA



ALISE

ELLA

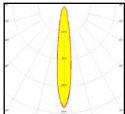
www.ledil.com/ella

Compatibility: Optimized for 4–8 mm LES size COBs

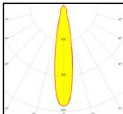
When used with OLGA holder compatible with up to 7070 size LED packages

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

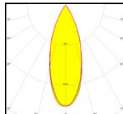
* with holder



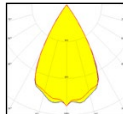
ELLA-30-S



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

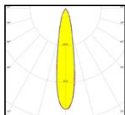
Compatibility:

Optimized:

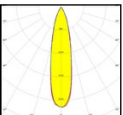
- Ø50 mm: LES 10 mm
- Ø70 mm: LES 14.5 mm
- Ø110 mm: LES 22 mm

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

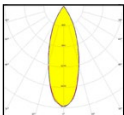
name	beam	h	d	typ. FWHM	typ. eff.	typ. cd/lm
ALISE-50/70/110-S	spot	25 / 42 / 65	50 / 70 / 110	15	92	5.3
ALISE-50/70/110-M	medium	25 / 42 / 65	50 / 70 / 110	24	92	4.1
ALISE-50/70/110-W	wide	25 / 42 / 65	50 / 70 / 110	36	92	2.3
ALISE-50/70/110-WW	extra wide	25 / 42 / 65	50 / 70 / 110	60	91	1.0



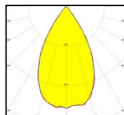
S



M



W



WW

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, page 43
Compatibility: COBs with LES size up to 19 mm

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

additional accessories

BARBARA-RZ-LENS color mixing sublens

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

www.ledil.com/brooke-g2



HEKLA



BROOKE-G2

MIRELLA

www.ledil.com/mirella

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

MIRELLA-G2

Compatible with LEDil HEKLA, 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				

TESTED FOR Additional MIRELLA-RZL colour
TUNABLE mixing lens needed for tunable white
WHITE lighting

MIRELLA-PF

Press-fit fastening with LEDil sockets

Compatibility:

– COBs with LES size up to 14 mm

– LEDil PF-interface baseparts, page 42

– B+W connectors with LEDil PF-interface baseparts, 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, 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

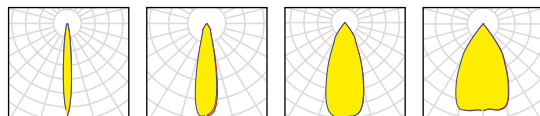
additional accessories

BARBARA-RZ-LENS color mixing sublens

TESTED FOR

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

TUNABLE WHITE



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
- LEDil PF-interface baseparts, page 42
- B+W connectors with LEDil PF-interface baseparts, 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
- LEDiL LENA/LENINA baseparts, page 42
- B+W connectors with LEDiL LENA/LENINA interface

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
- Available with lacquer or HMDS aluminium coating
- Easy twist and lock latching mechanism
- LEDiL LENA/LENINA baseparts, page 42
- B+W connectors with LEDiL LENA/LENINA interface

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 A-interface baseparts, page 42
- B+W connectors with LEDiL A-interface
- 50 mm B+W and BJB connectors (B variants)

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 A-interface baseparts, page 42
- B+W connectors with LEDiL A-interface
- 50 mm B+W and BJB connectors (B variants)

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 A-interface baseparts, page 42
- B+W connectors with LEDiL A-interface
- 50 mm B+W and BJB connectors (B variants)

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



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	extrawide	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

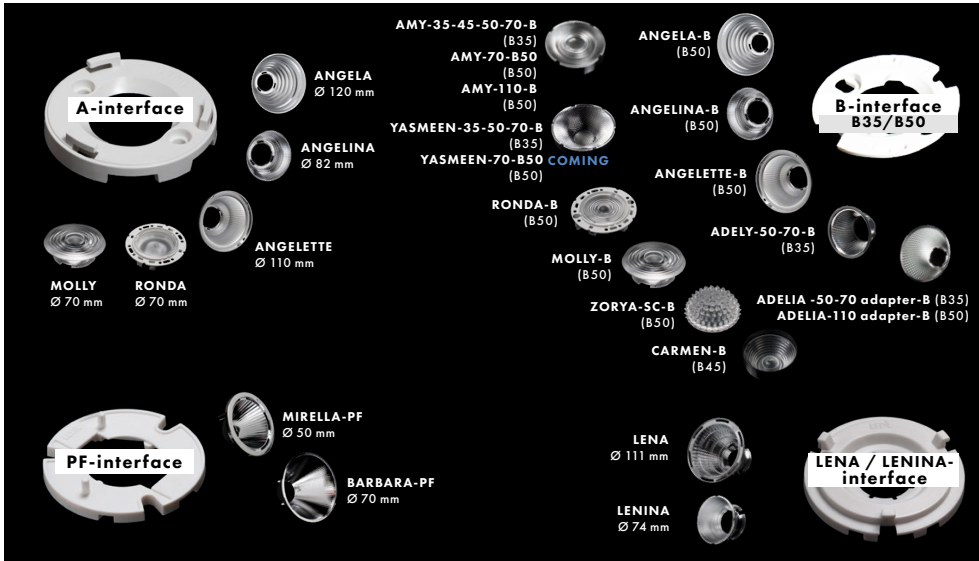
RITA

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





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 **

SOCKET-B-35-C

SOCKET-B-35-I

SOCKET-B-35-L

SOCKET-B-35-M

SOCKET-B-35-N

LENA/LENINA-interface

C14547_LENINA-ADAPTER-B ***

C13186_LENINA-STD-BASE-CXA15

C14146_LENINA-STD-BASE-CXA18

C13324_LENINA-STD-BASE-CXA25

C13868_LENINA-STD-BASE-VERO13-18 *

C15570_LENINA-STD-BASE2-VERO13-18

C13867_LENINA-STD-BASE-VERO29 *

C15083_LENINA-STD-BASE-VERO29

C11981_LENINA-STD-BASE-COB-L110

C12292_LENINA-STD-BASE-MEZ

C12691_LENINA-STD-BASE-CLL030

C12692_LENINA-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)

B35

B+W 6xxx Bayonet35L

BJB 47.360.1xxx

B50

B+W 4xx Typ L5

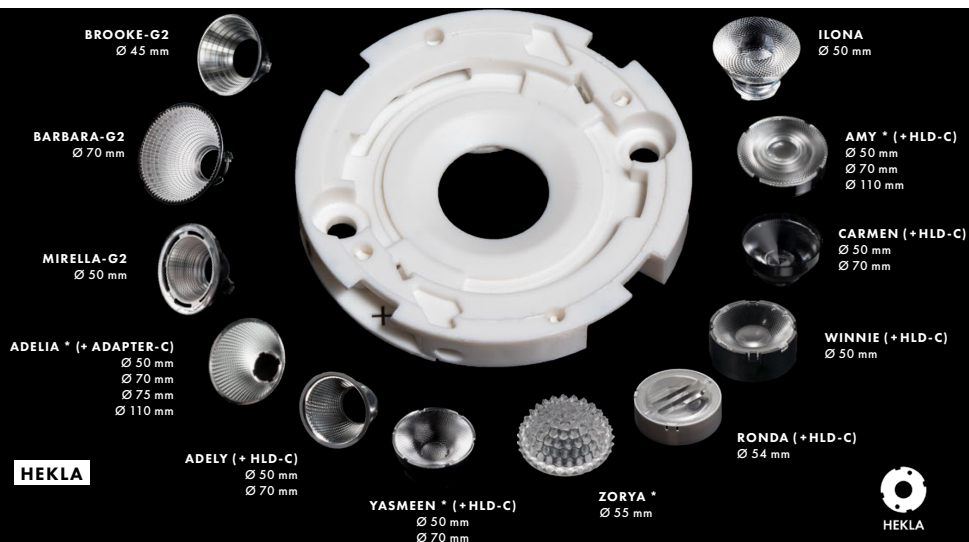
B+W 6xxx Bayonet50

BJB 47.319.2xxx

BJB 47.319.6xxx

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	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

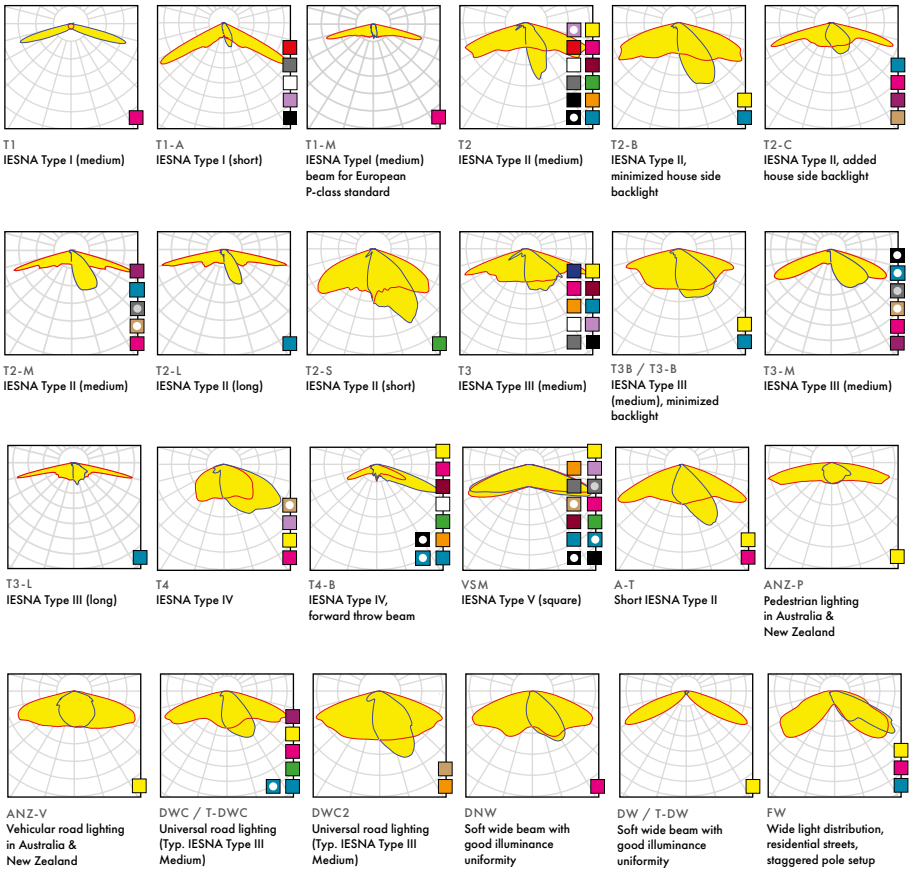
Street & Area lighting

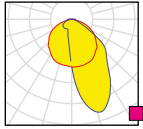
PATENTED



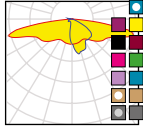
MODULAR SOLUTIONS

 STRADA-5Q	 SITARA	
 STRADA-2X2	 SITARA-2X2	 STRADA-2X2MX5
 STRADA-2X2CSP	 STRADA-IP-2X6	 STRADA-IP-8MX
 STRADA-2X2-5050	 STRADA-IP-24	 STRADA-IP-16MX
 STRADA-2X2S	 STRADA-2X2MX	 STRADELLA
		 STRADELLA-8
		 STRADELLA-8-CSP
		 STRADELLA-16
		 STRADELLA-IP-28
		 STRADELLA-IP-64

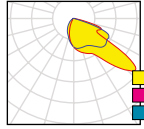




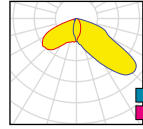
NHS
Narrow beam,
minimal house side light



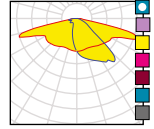
SCL
Type II/III (long),
ideal for pedestrian paths
and residential roads



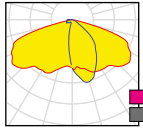
PX
Double asymm.,
pedestrian crossings,
right side traffic



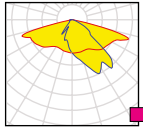
PXL
Double asymm.,
pedestrian crossings,
left side traffic



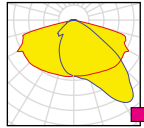
ME
Excellent longitudinal
luminance uniformity
fulfilling EN13201
M-class requirements



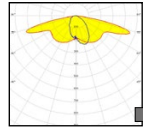
ME-N
Designed for high poles,
fulfilling EN13201
M-class requirements



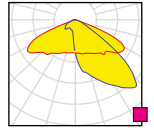
ME-WIDE1
Fulfilling EN13201 M-class
requirements, added
house side backlight



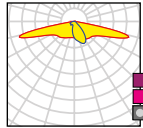
ME-WIDE2
For staggered pole
setups fulfilling EN13201
M-class requirements



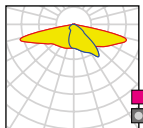
ME3
For ultra-long pole distances with
excellent longitudinal luminance
uniformity



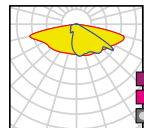
MEW
Extremely low glare
fulfilling EN13201 M-class
requirements for wet road
surfaces in North Europe



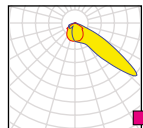
LN1
For EN13201 M-class
requirements with high poles
or where road width ≤ the
pole height



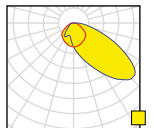
LM1
For EN13201 M-class
requirements where road
width ≥ the pole height



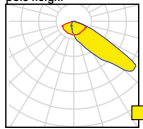
LW1
For EN13201 M-class
requirements where road
width > the pole height



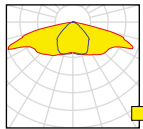
FN
Narrow forward throw
beam for area lighting



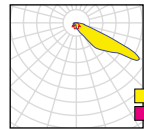
FT
Forward throw beam for
area lighting



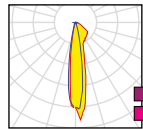
FS
Forward throw beam for
area lighting



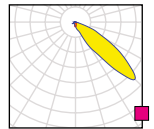
FS2
For symmetrical tunnel
lighting and parking
garages, ideal for
catenary street lighting



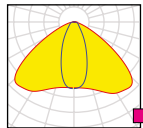
FS3
Forward throw beam
optimized for European
tunnels, extremely efficient
lighting with counter-beam
method



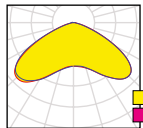
FR
Asymmetric spot light
beam for floodlighting
railway tracks according to
Russian normative



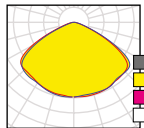
TF
Narrow forward throw
beam optimized for
European tunnels



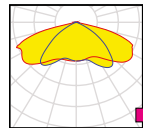
B2
For area lighting and
applications demanding a
wide oval beam pattern



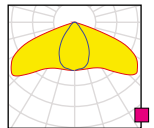
C
For area and street
lighting such as parks and
pedestrian walkways



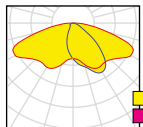
CY
For canopy lighting with
batwing light distribution,
suitable for symmetrical
tunnel lighting



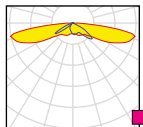
CAT
Catenary street light
beam optimized for
EN13201 M-classes



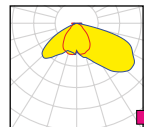
CAT-B
Narrow catenary street
light beam optimized for
EN13201 M-classes and
tilted poles



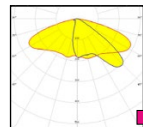
DN / T-DN
For area lighting with
shorter illumination
distances



XW
Wide beam



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

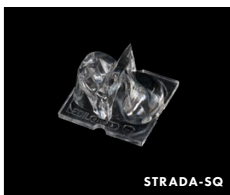


J1
Low glare street
lighting optic for
European and Japanese
requirements.

Street & Area lighting



STRADA



STRADA-SQ



STRADA-2X2



STRADA-2X2CSP

STRADA

www.ledil.com/strada

STRADA single lenses

PATENTED

Compatibility: Up to 3535 sized LED packages

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

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	zasymm.
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-J1-PC	50 x 50	7.1	88	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-ME3 NEW	50 x 50	7.9	88	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	50 x 50	6.5	89	asymm.
STRADA-2X2-5050-LW1	50 x 50	6.5	80	asymm.

STRADA-2X3-5050

PATENTED

Compatibility: Flat 5050 size LED packages

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-2X3-5050-T2 NEW	50 x 50	7.2	92	asymm.
STRADA-2X3-5050-T3 NEW	50 x 50	TBA	92	asymm.
STRADA-2X3-5050-T4 NEW	50 x 50	TBA	92	asymm.
STRADA-2X3-5050-VSM NEW	50 x 50	7.8	94	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	91	asymm.
STRADA-IP-2X6-T4-B-90-PC	173 x 71.4	10.6	77	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	173 x 71.4	10.3	94	asymm.

* Available also in PC

STRADA-6X1 modules

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.



NEW

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-IP-8MX modules

PATENTED

Compatibility: Optimized for flat 5050 packages (without dome)

name	dimensions	height	typ. eff.	typ. FWHM
STRADA-IP-8MX-T2-C-PC	90 x 90	9.6	85	asymm.
STRADA-IP-8MX-SCL-PC	90 x 90	11.2	86	asymm.
STRADA-IP-8MX-DWC2-PC	90 x 90	10.1	89	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.

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



NEW

THEIA

www.ledil.com/theia 

Compatibility: Up to 3535 size flat LED packages

name	dimensions	height	typ. eff.	typ. FWHM
THEIA-IP-32-T2	173 x 71.4	8.6	90	asymm.



T2

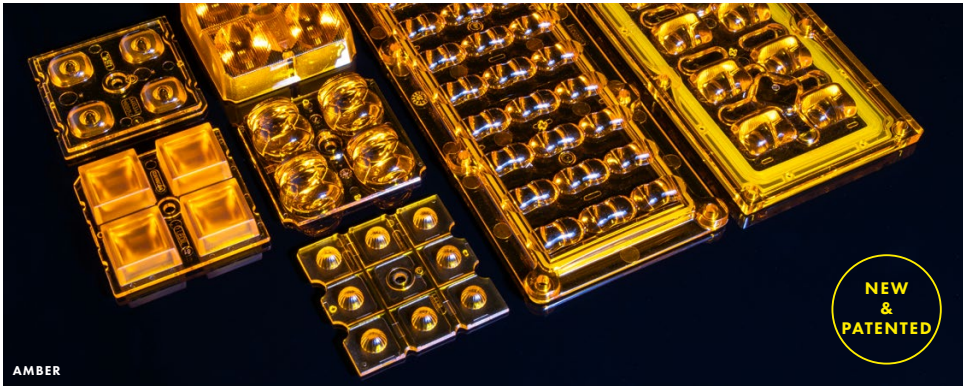
STRADA-IP-24 modules

PATENTED www.ledil.com/strada

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*	173 x 71.4	9.0	88	asymm.
STRADA-IP-24-T4-B**	173 x 71.4	12.0	80	asymm.
STRADA-IP-24-DWC*	173 x 71.4	9.0	89	asymm.
STRADA-IP-24-VSM*	173 x 71.4	9.8	91	asymm.
STRADA-IP-24-SCL NEW	173 x 71.4	9.0	90	asymm.
STRADA-IP-24-ME NEW	173 x 71.4	9.0	93	asymm.

* Available also in PC ** PC version coming



AMBER

PATENTED

www.ledil.com/amber



AMBER-2X2

Compatibility: up to 5050 size LED packages

name		d	h	typ. eff.	typ. FWHM
AMBER-2X2-T1		50 x 50	7.8	78	asymm.
AMBER-2X2-T2		50 x 50	7.8	76	asymm.
AMBER-2X2-T3		50 x 50	7.1	74	asymm.
AMBER-2X2-T4		50 x 50	7.7	79	asymm.
AMBER-2X2-ME		50 x 50	7.1	75	asymm.
AMBER-2X2-ME-WIDE1	NEW	50 x 50	8.9	76	asymm.
AMBER-2X2-SCL		50 x 50	7.8	75	asymm.
AMBER-2X2-VSM		50 x 50	6.1	79	145
AMBER-2X2-DWC		50 x 50	6.0	80	asymm.
AMBER-2X2-M	NEW	50 x 50	8.5	70	25
AMBER-2X2-W		50 x 50	8.5	70	50
AMBER-2X2-WWW	NEW	50 x 50	10.0	69	100
AMBER-2X2-FT6	NEW	50 x 50	11.0	73	asymm.

AMBER-2X2-5050

Compatibility: Flat 5050 size LED packages

AMBER-2X2-5050-S		50 x 50	10.4	70	25
------------------	--	---------	------	----	----

AMBER-8

Compatibility: Up to 3535 size mid- and high-power LEDs

AMBER-8-HB-M	NEW	50 x 50	7.1	84	60
AMBER-8-HB-W	NEW	50 x 50	7.1	78	90

AMBER-16

Compatibility: Up to 3535 size mid-power LEDs

AMBER-16-SCL	NEW	50 x 50	4.4	79	asymm.
AMBER-16-ME	NEW	50 x 50	4.9	79	asymm.

AMBER-IP-2X6

Compatibility: Up to 5050 size LED packages

AMBER-IP-2X6-T2	NEW	173 x 71	9.2	72	asymm.
-----------------	-----	----------	-----	----	--------

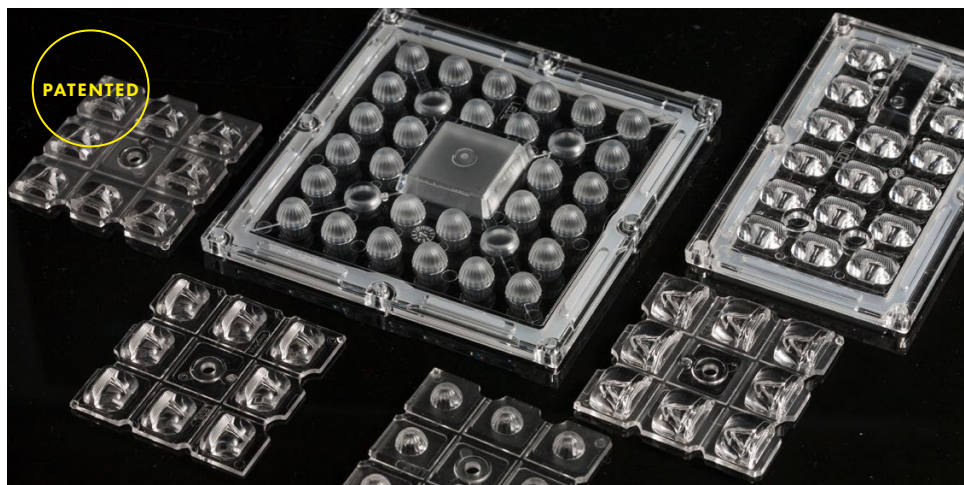
AMBER-IP-24

Compatibility: Flat 5050 size LED packages

AMBER-IP-24-T2-M	NEW	173 x 71	9.2	72	asymm.
------------------	-----	----------	-----	----	--------



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	asymm.	1	5.0	13.9 x 13.9	asymm.	94	0.8
STRADELLA-T3	asymm.	1	5.0	13.9 x 13.9	asymm.	94	0.7
STRADELLA-T4-B	asymm.	1	5.2	13.9 x 13.9	asymm.	93	0.6
STRADELLA-T1-A	asymm.	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	asymm.	8	5.5	50 x 50	asymm.	94	0.7
STRADELLA-8-HV-ME-N	asymm.	8	6.0	50 x 50	asymm.	92	0.7
STRADELLA-8-HV-ME3	asymm.	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 */**	asymm.	8	5.7	50 x 50	asymm.	94	0.8
STRADELLA-8-T3 */**	asymm.	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 */**	asymm.	8	5.5	50 x 50	asymm.	93	0.7
STRADELLA-8-T1-A */**	asymm.	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	oval	16	4.3	50 x 50	asymm.	94	0.8
STRADELLA-16-T1-A *	asymm.	16	4.3	50 x 50	asymm.	94	0.8
STRADELLA-16-T2	asymm.	16	4.7	50 x 50	asymm.	91	0.5
STRADELLA-16-T3	asymm.	16	3.7	50 x 50	asymm.	94	0.6
STRADELLA-16-SCL	asymm.	16	4.4	50 x 50	asymm.	94	0.6
STRADELLA-16-VSM	wide area lighting.	16	4.2	50 x 50	140	86	0.5
STRADELLA-16-T4	asymm.	16	5.3	50 x 50	asymm.	81	0.5
STRADELLA-16-ME	asymm.	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	asymm.	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 *	asymm.	28	9.5	100 x 100	asymm.	94	0.8
STRADELLA-IP-28-T2 *	asymm.	28	9.2	100 x 100	asymm.	94	0.8
STRADELLA-IP-28-T3 *	asymm.	28	9.2	100 x 100	asymm.	94	0.7
STRADELLA-IP-28-T4B *	asymm.	28	9.2	100 x 100	asymm.	91	0.7
STRADELLA-IP-28-VSM *	wide area lighting	28	9.5	100 x 100	140	94	0.4
STRADELLA-IP-28-SCL *	asymm.	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

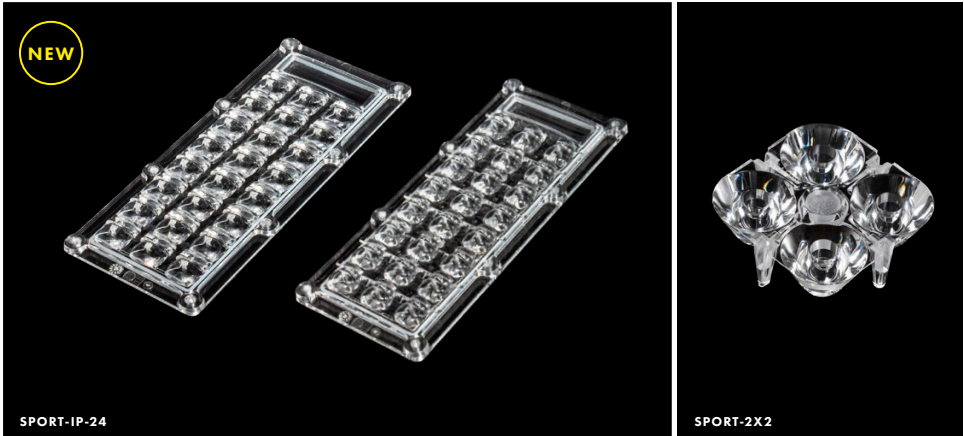
* Available also in PC

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 area lighting	64	9.7	253 x 74	140	92	0.6
STRADELLA-IP-64-T3-M	COMING asymm.	64	9.7	253 x 74	asymm.	91	0.6
STRADELLA-IP-64-T4-B *	asymm.	64	9.7	253 x 74	asymm.	94	0.6

* Available also in PC

Street & Area lighting



SPORT

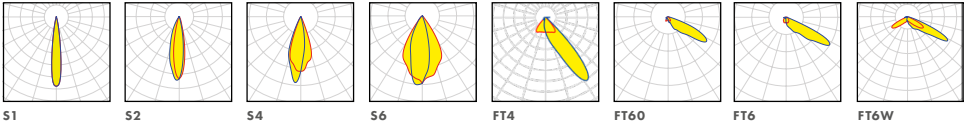
www.ledil.com/sport

SPORT-2X2

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

name	d	h	typ. FWHM	typ. eff.	typ. cd/lm
SPORT-2X2-S1 *	50 x 50	13.6	10	92	9.0
SPORT-2X2-S2 *	50 x 50	14.2	asymm.	97	4.9
SPORT-2X2-S4 *	50 x 50	14.4	asymm.	97	2.9
SPORT-2X2-S6 *	50 x 50	15.5	asymm.	97	1.8
SPORT-2X2-FT4 * NEW	50 x 50	10.8	asymm.	94	1.6
SPORT-2X2-FT6 *	50 x 50	11.0	asymm.	92	1.2
SPORT-2X2-FT60 *	50 x 50	15.5	asymm.	88	1.3
SPORT-2X2-FT6W *	50 x 50	12.3	asymm.	97	1.1

* Available also in HT (High Temperature PMMA)

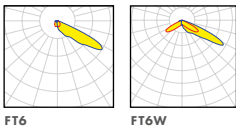


SPORT-IP-24

Compatibility: Optimised for flat 5050 and compatible with HP 3535 LED packages

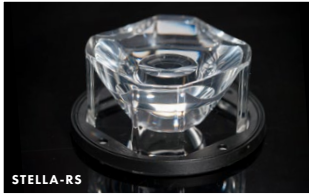
SPORT-IP-24-FT6 * NEW	173 x 71.4	10.8	asymm.	91	1.0
SPORT-IP-24-FT6W * NEW	173 x 71.4	10.9	asymm.	92	0.7

* Available also in HT (High Temperature PMMA)





STELLA



STELLA-RS



JENNY

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.

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	d	h	typ. eff.	typ. FWHM
STELLA-A	90	22	92	asymm.
STELLA-HB	90	19.5	93	76
STELLA-HB-WWW	90	11.3	88	97
STELLA-T4	90	26.9	92	asymm.
STELLA-VSM	90	20.7	94	asymm.
STELLA-FRESNEL	90	23	89	27
STELLA-DWC2	90	19.3	92	asymm.
STELLA-RS	90	39.2	94	25
STELLA-CLAMP-CXA15-18				



JENNY

www.ledil.com/jenny

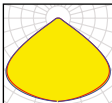
Comes either as a single lens or in a 8 lens array with possibility to separate lenses individually.

Can be installed with glue optional holder.

Compatibility: Up to 7070 size LED packages

name	d	h	typ. eff.	typ. FWHM
JENNY-CY *	35 x 35	11.5	94	106 + 106
JENNY-T4 *	35 x 35	17	92	asymm.
JENNY-CY-G2 *	35 x 35	11.5	94	100
JENNY-T4-G2 *	35 x 35	17	93	asymm.
JENNY-20 *	35 x 35	14.5	96	20
JENNY-40 *	35 x 35	15	96	40
JENNY-60 *	35 x 35	13.4	94	60
JENNY-FT45 *	35 x 35	20.7	92	asymm.
JENNY-FT65 *	35 x 35	15.4	93	asymm.

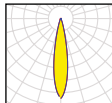
* Available also in 8 lens array



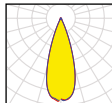
CY(-G2)



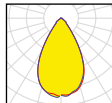
T4(-G2)



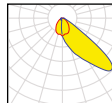
20



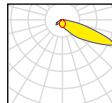
40



60



FT45



FT65



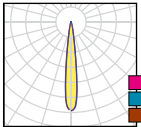
Highbay lighting

Highbay solutions

 HB-SQ	 STRADELLA-HB
 HB-2X2	 STRADELLA-8-HB
 HB-2X2-5050	 STRADELLA-16-HB
 HB-2X3-5050	 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	 AMBER-2X2

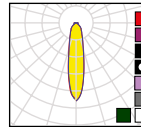


~15° High bay

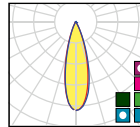


RS

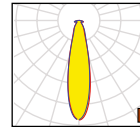
~30° High bay



S

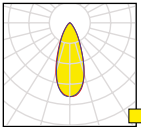


M

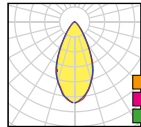


FRESNEL

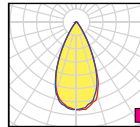
~45° Mid bay



A

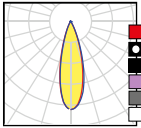


W

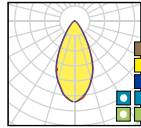


RW

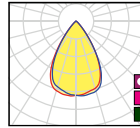
~60° Mid bay



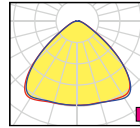
M



W

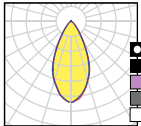


WW

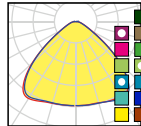


WWW

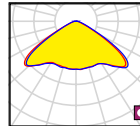
~90° Low bay



W



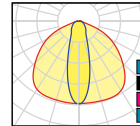
WWW



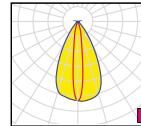
UW

~120° Low bay

Oval



O



ON

HB FAMILY

www.ledil.com/highbay

- | | | |
|--|--|---|
| <p>HB-SQ
 Dimensions: 25 x 25 mm
 Compatibility:
 – Up to 7070 size LED packages</p> | <p>HB-IP-8MX
 Dimensions: 90 x 90 mm
 Compatibility:
 – Optimized for flat 5050 packages (without dome)</p> | <p>HB-IP-2X6-G2
 Dimensions: 172 x 71 mm
 Compatibility:
 – Optimized for flat high power 5050 size LED packages
 – Compatible with up to 5050 size LED packages</p> |
| <p>HB-2X2
 Dimensions: 50 x 50 mm
 Compatibility:
 – Up to 5050 size LED packages</p> | <p>HB-2X2-5050
 Dimensions 50 x 50 mm
 Compatibility:
 – For flat 5050 size LED packages</p> | |
| <p>HB-IP-2X6
 Dimensions: 173 x 71.4 mm
 Compatibility:
 – Up to 5050 size LED packages</p> | <p>HB-2X3-5050 NEW
 Dimensions 50 x 50 mm
 Compatibility:
 – For flat 5050 size LED packages</p> | |
| <p>HB-IP-24 NEW
 Dimensions: 173 x 71.4 mm
 Compatibility:
 – Up to 5050 size LED packages</p> | <p>HB-2X2MX & silicone 2X2MXS
 Dimensions: 90 x 90 mm
 Compatibility:
 – Up to 7070 size LED packages</p> | |



STRADELLA FAMILY

www.ledil.com/stradella

- | | |
|---|--|
| <p>STRADELLA-HB
 Dimensions: 13.9 x 13.9 mm
 Compatibility:
 – Up to 3535 size LED packages</p> | <p>STRADELLA-IP-28-HB
 Dimensions: 100 x 100 mm
 Compatibility:
 – Up to 3535 size LED packages</p> |
| <p>STRADELLA-16-HB
 Dimensions: 49.5 x 49.5 mm
 Compatibility:
 – Up to 3535 size LED packages</p> | <p>STRADELLA-IP-64-HB
 Dimensions: 74 x 253 mm
 Compatibility:
 – Up to 3535 size LED packages</p> |
| <p>STRADELLA-8-HB
 Dimensions: 49.5 x 49.5 mm
 Compatibility:
 – Up to 3535 size LED packages</p> | |



VICTORIA / VICTORIA-MINI

www.ledil.com/victoria

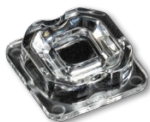
- Diameter: 300 mm / 180 mm
Compatibility:
– Optimized for 2835 and compatible with up to 5630 size mid-power LED packages
– Recommended to be used with two LEDs per one optic which can be up to 5630 in size
– Can be used with single domeless 5050 size LED packages



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



Custom solutions

In addition to our wide product portfolio of standard products we also offer custom tailored solutions.

Our long expertise in optical design and close collaboration with our customers to meet their special needs is in some cases the only way to find the best solution for a project.

When is a customized solution needed?

- No mechanically or optically suitable product available
- Looking for a unique design solution and differentiation
- Meeting special requirements for certain applications
- Need for specific material

Why LEDiL?

- Full turnkey service
- No need for external 3D-designers
- Accurate light laboratory measurements
- Production facilities on different continents
- Wide testing capabilities to support product development
- Thermal analysis service from the beginning of a project
- Technical support during the whole lifetime of a product
- Broad recognition in the industry as a manufacturer of high quality products

If you need a customized product please contact your local sales representative to discuss finding the best possible solution for your requirements.



ADELIA	32	LILIAN	23
ADELY	52	LINDA	27
AMBER	49	LINNEA	23
AMY	16	LISA	6
ANGELA / ANGELETTE / ANGELINA	38	LOTTA	12
ANGIE	22	MIRA	10
ANNA	22	MIRELLA	35
BARBARA	36	MOLLY	18
BELLA	12	OLGA	20
BILLIE	10	RGBX	15
BOOM	39	RITA	39
BRIANNA	29	RONDA	18
BRIDGET	39	ROSE	8
BROOKE	34	SAGA	20
CARMEN	19	SANDRA	21
CLAUDIA	26	SATU	21
CORAL	15	SEANNA	14
CRYSTAL	14	SHELLY	23
CUTE	21	SIRI	12
DAISY	28	SITARA	47
DAHLIA	26	SPORT-2X2	52
DALINE	30	SPORT-IP-24	52
DARCY	30	STELLA	53
ELLA	33	STRADA (single)	12
EMERALD	13	STRADA-SQ	44
EMILY	11	STRADA-2X2	45
EMMA	12	STRADA-2X2CSP	45
EVA	10	STRADA-2X2-5050/-2X3-5050	46
FILIPPA	14	STRADA-IP-2X6	46
FLARE	14	STRADA-IP-24	48
FLORENCE	24	STRADA-IP-8MX	47
FLORENTINA	31	STRADA-IP-16MX	47
GABRIELLA	15	STRADA-2X2MX/MXS	47
GT3 / GT4	21	STRADA-6X1	46
HB-SQ	55	STRADELLA (single), -8	50
HB-2X2/ HB-2X3	55	STRADELLA-8-CSP/-5050	51
HB-IP-2X6	55	STRADELLA-16	51
HB-IP-24	55	STRADELLA-IP-16/28/64	51
HB-2X2MX / MXS	55	SURI	15
HEIDI	11	TAMPA	22
HELENA	13	TATIANA	47
IDA	22	THEIA	48
ILONA	17	TINA	7
IRENE	10	TITANUM	11
ISLA	25	TUIJA	21
IRIE	10	VANESSA	26
IRIS	10	VERONICA	6
JENNY	53	VICTORIA	55
JULIA	12	VIOLET	26
KIKI	12	VIOLETTA	8
LARISA	6	VIRPI	22
LAURA	9	WINNIE	19
LEIA	13	YASMEEN	17
LEILA	9	ZOE	13
LENA / LENINA	37	ZORYA	22
LIANNA	25	ZORYA-MINI	20

LEDiL

perfecting light

Subscribe to LEDiL newsletter to get latest news
about product launches and reference cases
www.ledil.com/subscribe



www.ledil.com

Ledil Oy
(Headquarters)
Joensuunkatu 7
FI-24100 SALO
Finland

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

LEDiL Optics Technology (Shenzhen) Ltd.
#405, Block B, ShenZhen Casic Motor Building,
No.7 LangShan #2 Road, Hi-Tech Ind. Park(N.),
Nanshan District, Shenzhen, 518057,
P.R.China

Local sales and technical support: www.ledil.com/contacts

Distribution partners: www.ledil.com/contacts/distributors

Shipping locations: Salo, Finland and Hong Kong, China