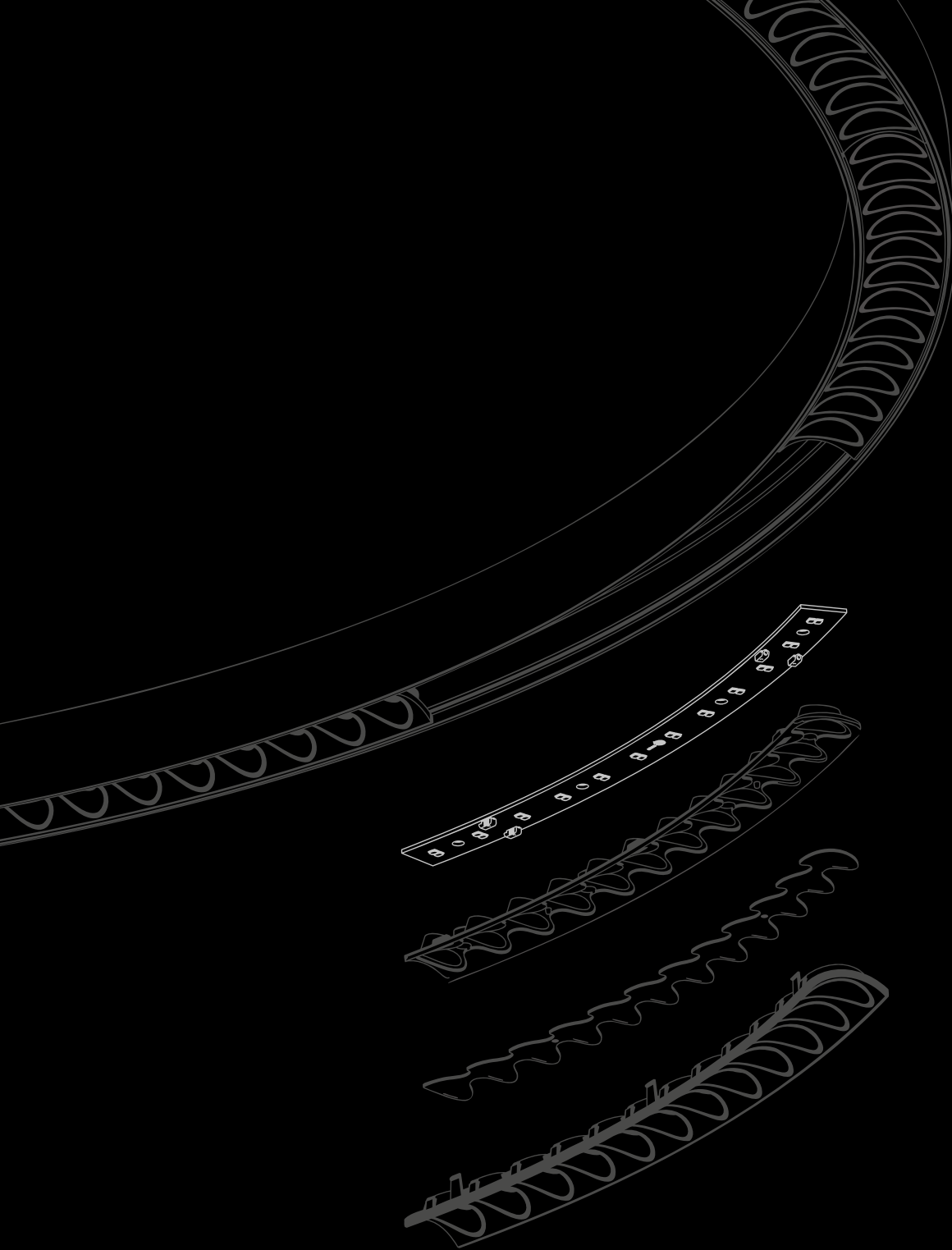




LED modules selection 2026 | 2027

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REDMADE is a family-owned company founded in 2007 with a clear focus on providing highly specialized support in the development of **quality LED systems**. Our core business is the **engineering and production of LED modules**.

This service is completed by the distribution of LED/COB, optics, thermal interfaces, power supply and connection technologies thanks to strategic partnerships with the major players of the market. REDMADE can count on more than 40 employees in the **Italian headquarters, close to Milan**, and it operates worldwide through a network of sales partners (page 31) that allows us to stay close to all customers and local markets.

UNIVERSAL SCIENCE / RED becomes REDMADE

Starting from January 2026, we've been evolving our brand identity and unifying our know-how under the new name and certified trademark: **REDMADE**.

We are the same team with the same made-in-Italy quality and we can guarantee continuity with the past at all levels. This rebranding reflects more effectively what defines us today: a company which provides **LED solutions that are designed, tested and made by us**.

HIGH QUALITY STANDARDS

REDMADE enables its customers around the world to develop energy-efficient lighting applications and solutions.



**Eco
Design**

REDMADE's products are all designed following **Ecodesign** criteria introduced by the European Union.



EPREL
(European Product Registry
Energy Labeling)

We support customers in the registration of standard and custom products in the **EPREL database**, providing all the relevant technical sheets and reports.



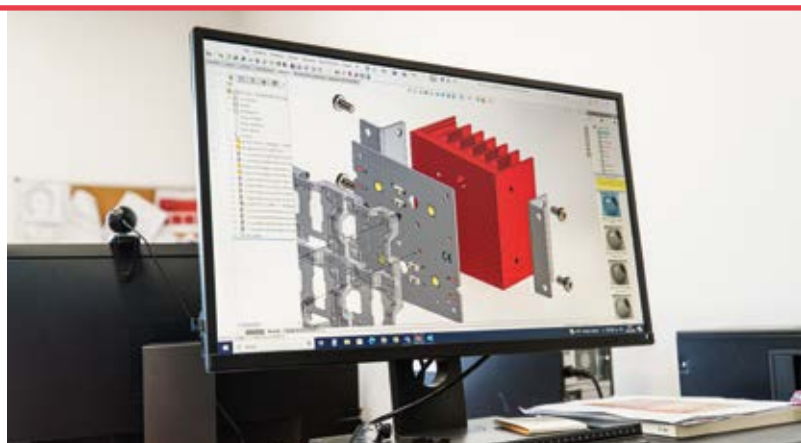
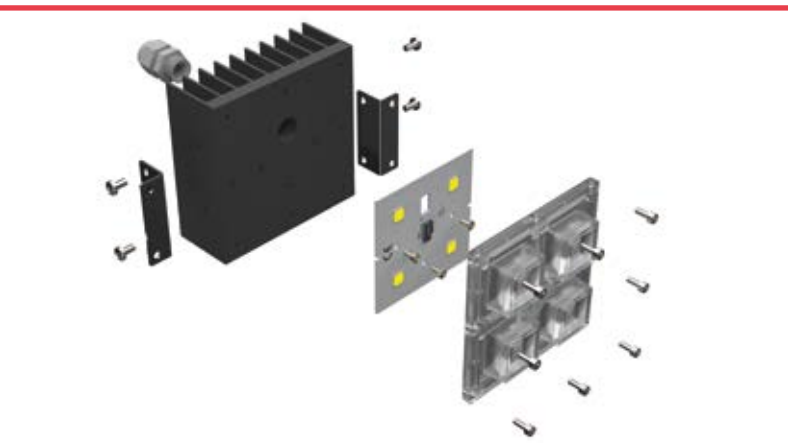
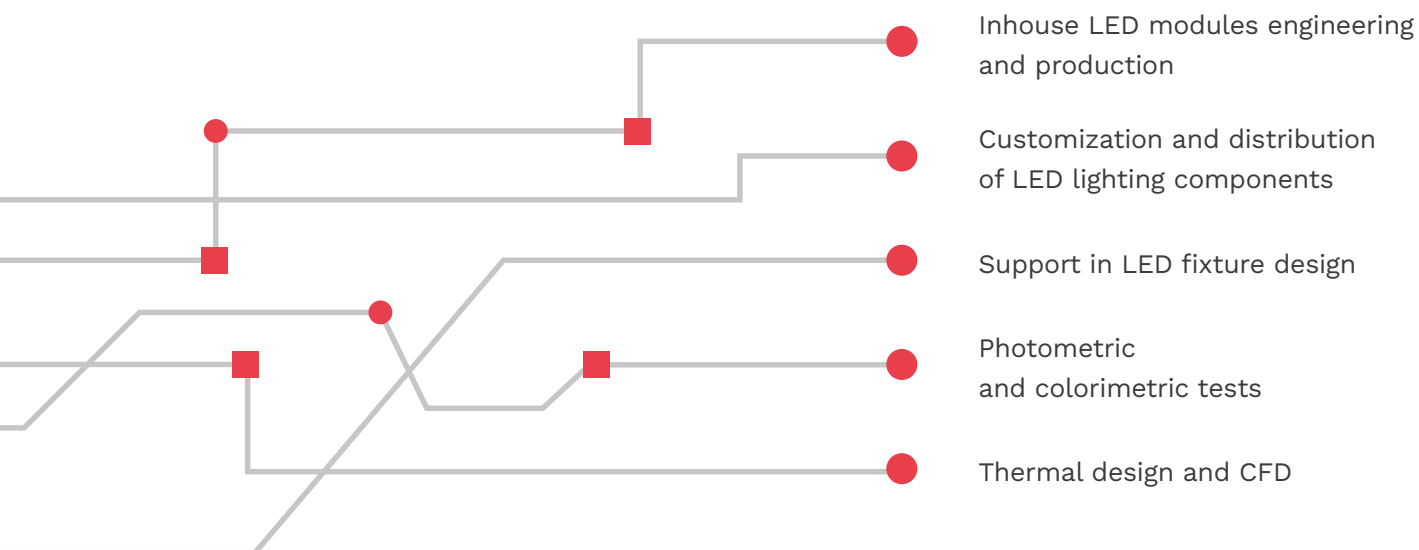
We are a company with **Quality System certified** by DNV (ISO 9001:2015) for the following scope: "Design, production and sales of LED modules for luminaires and entire luminaire bodies; trading of components for luminaires (IAF: 19)."

We are



Associate Member

Featured services



Engineering capabilities



ELECTRONIC
DESIGN



OPTICS
DESIGN



MECHANICAL
DESIGN



THERMAL
DESIGN

The Italian factory

All our LED modules have the REDMADE brand, which is registered in Europe, guarantee of quality and symbol of the presence of a production site in Italy.

Over the years we have continuously invested, reaching a total mounting capacity of more than 250 million LEDs per year. The 20-heads pick & place is the heart of production area: it can assemble up to 95.000 components per hour. A 10 zones oven, ideal for handling large PCBs, is just the latest addition, guaranteeing high performance and maximum reliability with a lower energy consumption.

The consolidated production process makes for a highly flexible manufacturing service, enabling anything from just a few pieces right up to a mass production.

R&D department

The **internal laboratory** is growing fast with new instruments and specialists. This is the place where all the performance tests take place on LED modules and other components to confirm the technical data and to check the compliancy with the international regulations.

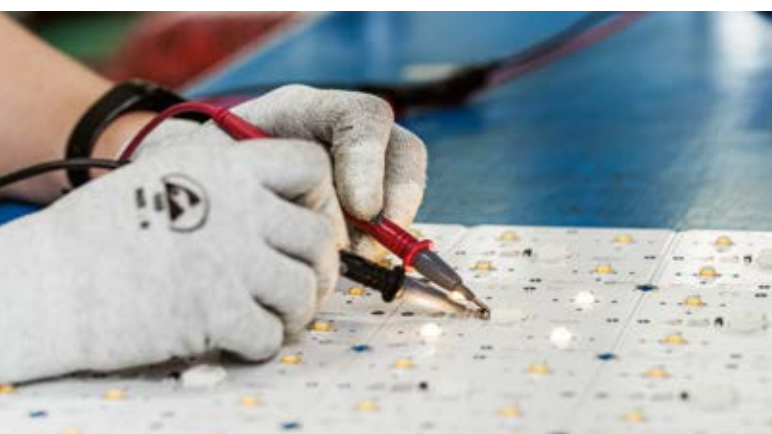
The **cutting-edge equipment** is used to measure all optical, chromatic and radiometric values as well as to carry out thermal simulations. The continuous monitoring process during every single project development step allows us to ensure top quality standards.

The presence of a close-knit team of mechanical, electronic and optical **engineers** can guarantee a dedicated support to our customers in the production of lighting fixtures and single components of an LED system. We consider every technical aspect regarding the correct use of LEDs: from electronics to thermal management, from optics to mechanics.

Customized solutions

The mission of REDMADE is to contribute to the development of products by applying the most suitable and modern technologies. We constantly interact with our customers, paying attention to their needs in order to develop bespoke lighting solutions.

Our experts are engaged in testing new materials and analyzing performances with the aim of creating **complete LED ecosystem**, entirely made with the top and selected brand in lighting market.



LightMAX

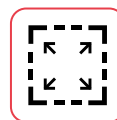
High power lighting



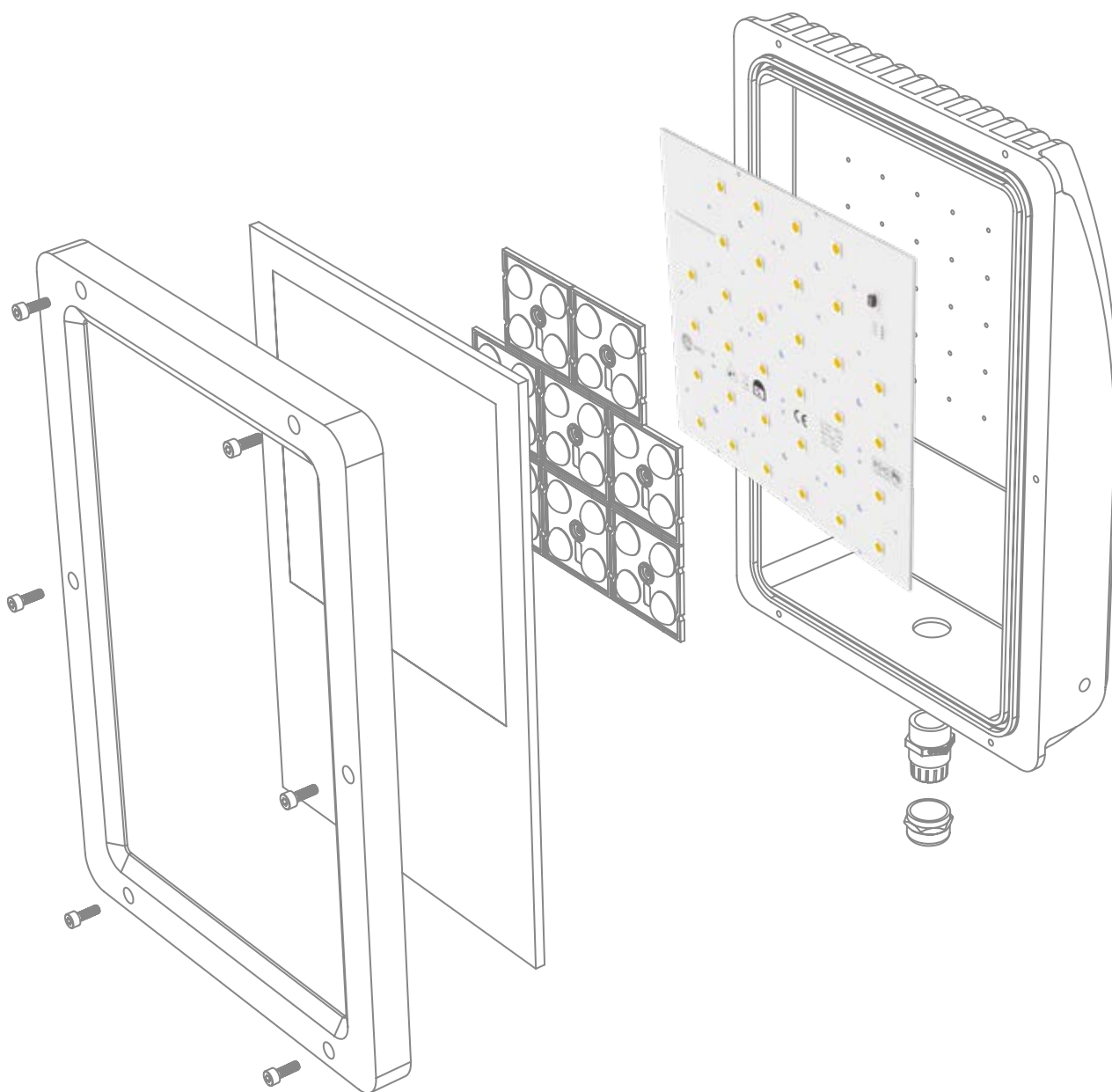
Street



Industrial



Area



Zhaga Book 15

2x2 lens

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0703	65x50	4	5050	2167	190	X ☐	05 CE RoHS COMPLIANT Pb
	R0308	70x50	4	3535	2183	195	X ☐	CE RoHS COMPLIANT Pb
	R0457	70x50	16	CSP	4600	160	X ☐	CE RoHS COMPLIANT Pb
	R0241	120x50	8	3535*	4365	196	X ☐	05 CE RoHS COMPLIANT Pb
	R0485	120x50	8	5050**	5554	190	X ☐	05 CE RoHS COMPLIANT Pb
	R0B86	170x50	12	3535*	6548	195	X ☐	05 CE RoHS COMPLIANT Pb
	R0498	170x50	12	5050**	8331	190	X ☐	05 CE RoHS COMPLIANT Pb
	R0E74	170x50	12	5050 CSP	8726	200	X ☐	CE RoHS COMPLIANT Pb
	R0229	220x50	16	3535*	8731	195	X ☐	05 CE RoHS COMPLIANT Pb
	R0484	220x50	16	5050**	11108	190	X ☐	05 CE RoHS COMPLIANT Pb

* RGBW version available from Q2 2026.

** Tunable White version available from Q2 2026.

Zhaga Book 15

2x3 lens

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0D56	120x50	12	5050	8331	191	☒ ☐	CE RoHS COMPLIANT Pb
	R0D13	170x50	18	5050	8777	198	☒ ☐	05 CE RoHS COMPLIANT Pb
	R0D14	220x50	24	5050	11703	198	☒ ☐	05 CE RoHS COMPLIANT Pb

Flood lighting

16in1 lens

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0993	61x50	16	3030	2835	185	☒ ☒	05 CE RoHS COMPLIANT Pb
	R0970	120x50	32	3030	5650	185	☒ ☐	05 CE RoHS COMPLIANT Pb
	R0994	170x50	48	3030	8475	185	☒ ☐	05 CE RoHS COMPLIANT Pb
	R0947	220x50	64	3030	11300	185	☒ ☐	05 CE RoHS COMPLIANT Pb

IP protection system

LEDiL STRADA-2X2MX

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0C24	70x70	4	7070	5702	207	☒ ☒	 05   

IP 2x6 lens*

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0168	147x45	12	3535	6548	195	☒ ☐	 05   
	R0344	147x45	12	5050	6250	190	☒ ☐	 05   

* Zhaga Book 19 compliant

IP 24 lens

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0B44	147x45	24	5050	17167	190	☒ ☐	 05   

Multiple Zhaga

2x2 lens

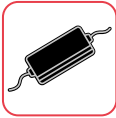
	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R0349	164x151	32	5050	16700	190	☒ ☐	
	R0839	172x100	24	5050	13557	190	☒ ☐	
	R0D15	220x200	64	5050	33205	190	☒ ☐	

LIGHTMAX ACCESSORIES

Optics



Power Supply



Heatsink



Thermal Pad



Socket



LineMAX

Linear lighting



Industrial



Office



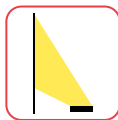
Backlight



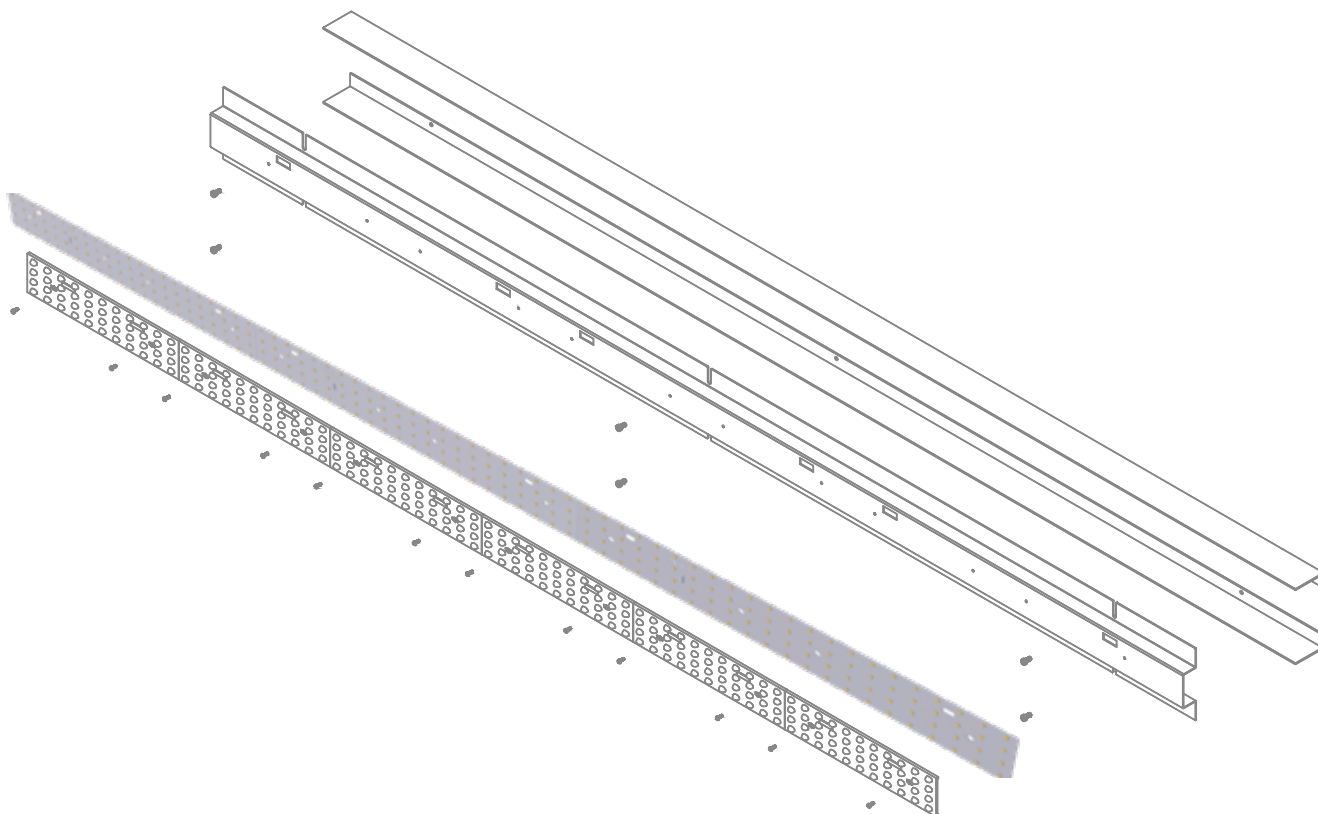
Commercial



Indoor



Wall Washer



Zhaga Book 7

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1E72	140x20	12	2835	1057	204	X ☐	05 pending CE RoHS Pb
	R1999	280x20	24	2835	2117	204	X ☐	05 CE RoHS Pb
	R1A16	280x20	35	2835	1027	165	☐ X	CE RoHS Pb
	R1B54	280x20	48	2835	3227	207	X ☐	CE RoHS Pb
	R1910	560x20	40	2835	2689	207	X ☐	CE RoHS Pb
	R1996	560x20	48	2835	4234	202	X ☐	05 CE RoHS Pb
	R1800	560x20	72	2835	4841	207	X ☐	05 CE RoHS Pb
	R1791	560x20	96	2835	6454	208	X ☐	CE RoHS Pb
	R1A15	560x20	70	2835	1980	165	☐ X	CE RoHS Pb
	R1E15	1120x20	144	2835	9682	208	X ☐	CE RoHS Pb
	R1380	280x24	12	2835	1058	204	X ☐	CE RoHS Pb
	R1381	280x24	24	2835	2117	204	X ☐	CE RoHS Pb
	R1868	280x24	32	2835	2151	207	X ☐	05 CE RoHS Pb
	R1382	560x24	24	2835	2117	204	X ☐	CE RoHS Pb
	R1383	560x24	48	2835	4234	202	X ☐	CE RoHS Pb
	R1718	560x24	64	2835	4303	207	X ☐	05 CE RoHS Pb
	R1452	280x55	33	2835	2911	201	X ☐	CE RoHS Pb
	R1369	280x55	44	2835	2958	207	X ☐	CE RoHS Pb
	R1C25	280x55	88	2835	3070	224	X ☐	CE RoHS Pb
	R1813	280x55	108	2835	3369	226	X ☐	CE RoHS Pb

Food lighting

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1418	400x10	28	2835	1403*	146*	☐ ☒	CE  
	R1494	400x10	56	2835	2480*	148*	☐ ☒	CE  

* Values refer to white LEDs

Backlight

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1517	184x18	3	6060	255	102	☐ ☒	CE  
	R1504	267x18	4	6060	340	100	☐ ☒	CE  
	R1505	433x18	6	6060	500	100	☐ ☒	CE  
	R1506	599x18	8	6060	670	100	☐ ☒	CE  
	R1507	931x18	12	6060	1020	102	☐ ☒	CE  

LEDiL optics

Lianna

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1D52	557x26	72	2835	6633	204	☒ ☐	CE  

Daline

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1C50	280x12	24	CSP	2580	177	X X	CE RoHS Pb

Daisy-Mini

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1A76	280x20	14	2835	1117	193	X	CE RoHS Pb
	R1729	280x20	14	2835 TW	700	132	X X	CE RoHS Pb
	R1E70	280x20	28	2835	1524	220	X	CE RoHS Pb
	R1E71	560x20	56	2835	3049	220	X	CE RoHS Pb
	R1E69	1120x20	112	2835	9004	220	X	CE RoHS Pb

Daisy and Brianna

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1C06	280x24	14	CSP	841	145	X X	CE RoHS Pb
	R1E08	280x24	28	2835	3571	188	X	CE RoHS Pb
	R1886	280x24	28	2835 TW	1014	180	X	CE RoHS Pb
	R1E09	560x24	56	2835	6582	188	X	CE RoHS Pb
	R1B93	560x24	56	2835 TW	2028	180	X	CE RoHS Pb

Isla

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1E35	280x24	12	5050	5879	174	☒ ☐	CE RoHS Pb

Dark light

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1536	131x20	5	3535	2145	155	☒ ☐	CE RoHS Pb
	R1812	131x14	5	3535	1305	155	☒ ☐	CE RoHS Pb
	R1B39	227x35	5	5050	2909	150	☒ ☐	CE RoHS Pb
	R1D71	410x52	80	CSP	3170	146	☒ ☐	CE RoHS Pb

Annular Slice XTO

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1B98 (7 pcs)	PCB: 274,6x18 Complete ring: ø650	24	2835	1663 (CRI 90)	166 (CRI 90)	☒ ☐	CE RoHS Pb
	R1B99 (10 pcs)	PCB: 272,8x18 Complete ring: ø900	24	2835			☒ ☐	CE RoHS Pb
	R1C00 (12 pcs)	PCB: 302,5x20 Complete ring: ø1200	24	2835			☒ ☐	CE RoHS Pb

Tunable White

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1439	500x11	56+56	2835 TW	1135	123	☐ ☒	CE RoHS COMPLIANT Pb
	R1679	560x14	40+40	2835 TW	852	157	☒ ☐	CE RoHS COMPLIANT Pb
	R1B36	560x20	56+56	2835 TW	3020	151	☐ ☒	CE RoHS COMPLIANT Pb

RGBW

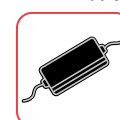
	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R1997	560x24	112	2835 W 2216 RGB	1458	106	☐ ☒	CE RoHS COMPLIANT Pb

LINEMAX ACCESSORIES

Optics



Power Supply



DecoMAX

Decorative lighting



Architectural



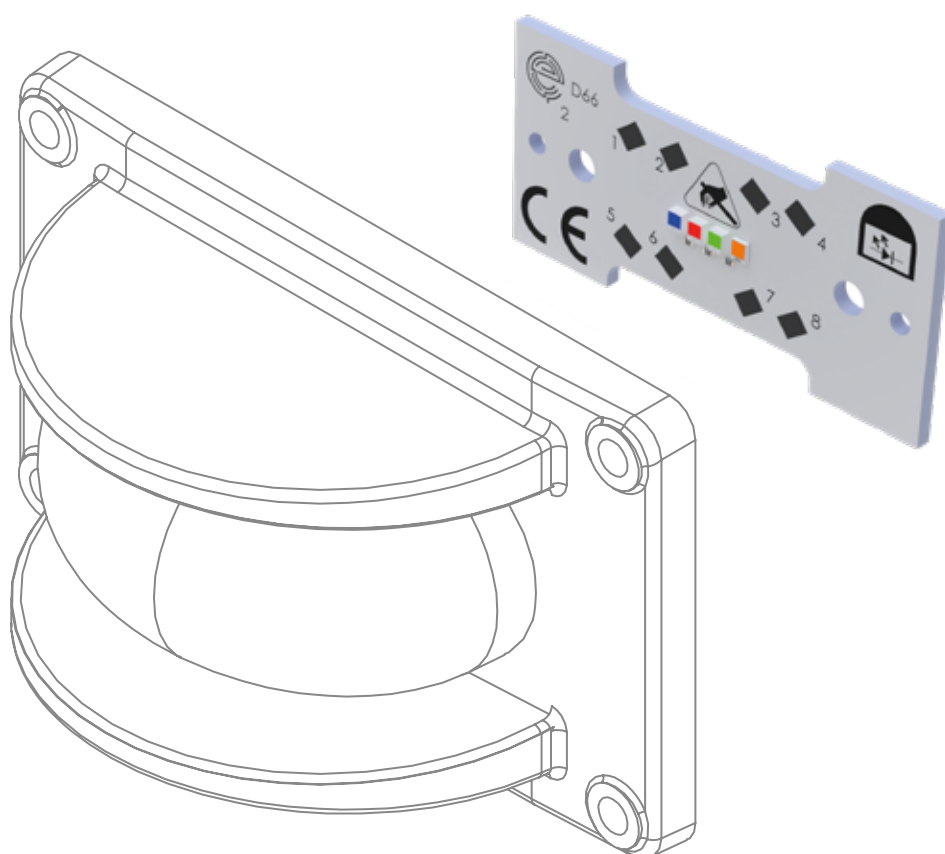
Color Mixing



Decorative



Indoor



	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R2704	39x36	16	1616 RGBW	1960	67	☒ ☐	CE RoHS COMPLIANT Pb
	R2293	20	1	1616 RGBW	530	71	☒ ☐	CE RoHS COMPLIANT Pb
	R2121	44	1	5050 RGBW	367	59	☒ ☐	CE RoHS COMPLIANT Pb

LEDiL CORAL-IP

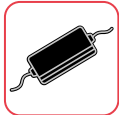
	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R2D66*	48x23	4	2016 RGBW	774	149	☒ ☐	CE RoHS COMPLIANT Pb

*Available also in White and Tunable White versions

Optics



Power Supply



DotMAX

Spot lighting



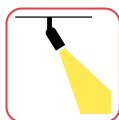
Downlight



Commercial



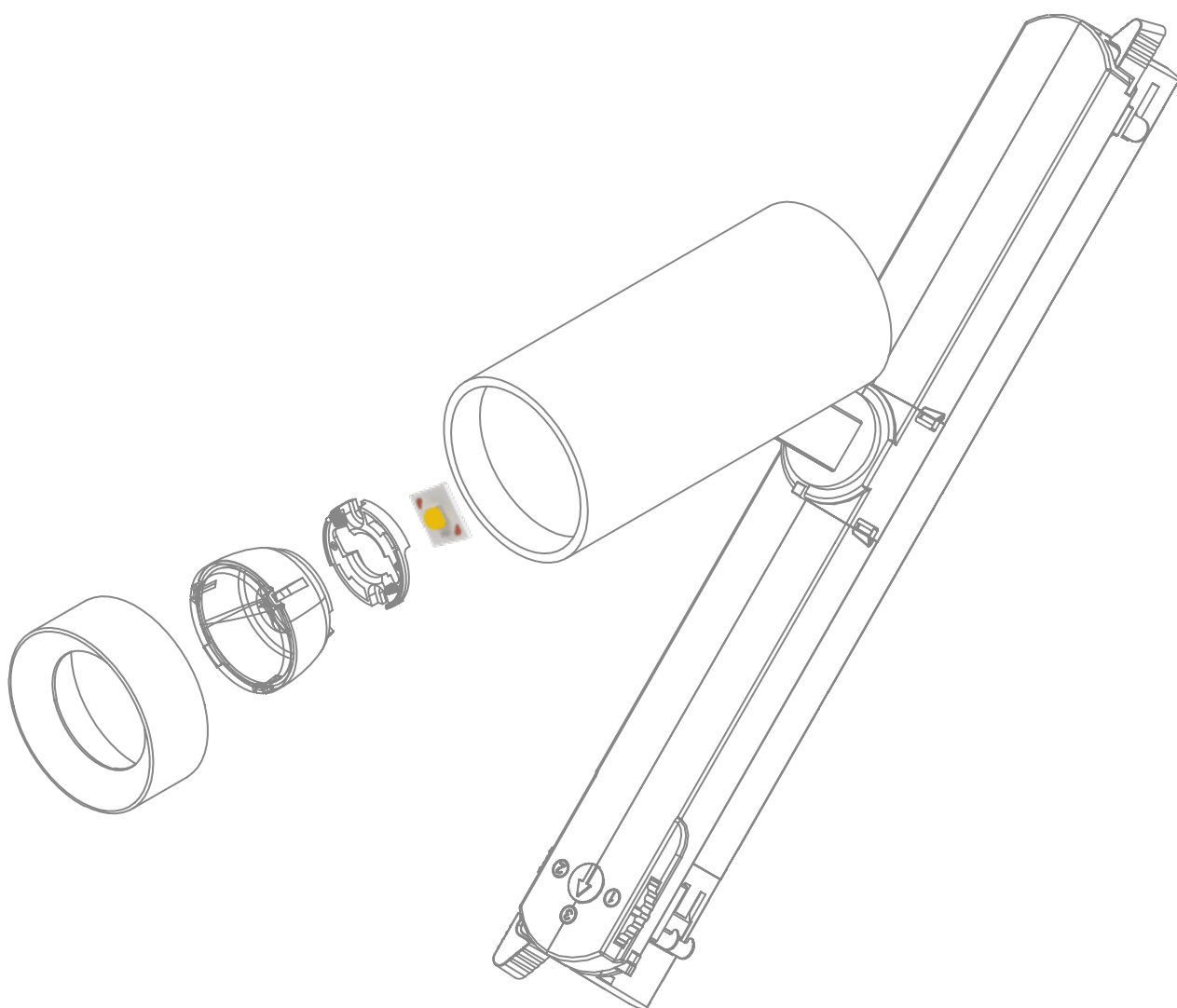
Indoor



Spotlight



Wall Washer



Square

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R3245	13,35x13,35	1	3535	302	180	☒ ☐	CE RoHS COMPLIANT Pb
	R3246	13,35x13,35	1	5050	622	152	☒ ☐	CE RoHS COMPLIANT Pb
	R3295	13,35x13,35	1	XHP50	1032	155	☒ ☐	CE RoHS COMPLIANT Pb
	R3343	15,85x15,85	1	XHP70	1635	139	☒ ☐	CE RoHS COMPLIANT Pb
	R3A38	28x28	24	CSP	1788	115	☒ ☐	CE RoHS COMPLIANT Pb

Round

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R3676	9	1	3535	195	158	☒ ☐	CE RoHS COMPLIANT Pb
	R3766	25	4	CSP	706	133	☒ ☐	CE RoHS COMPLIANT Pb
	R3887	35	1	3535	1007	135	☒ ☐	CE RoHS COMPLIANT Pb
	R3A54	68,5	4	5050	1809	167	☒ ☒	CE RoHS COMPLIANT Pb

Star

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R3262	16x15	1	3535	302	180	☒ ☐	CE RoHS COMPLIANT Pb
	R3237	20x21	1	3535	306	173	☒ ☐	CE RoHS COMPLIANT Pb
	R3A44	20x21	1	5050	709	172	☒ ☐	CE RoHS COMPLIANT Pb
	R3D86	20x21	1	XHP50	1021	117	☒ ☐	CE RoHS COMPLIANT Pb
	R3012	20x21	1	XE-G/Z-ES	250	142	☒ ☐	CE RoHS COMPLIANT Pb

Dark light

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R3757	24x20	1	3535	367	158	☒ ☐	CE RoHS COMPLIANT Pb
	R3A56	25x23	1	5050	603	161	☒ ☐	CE RoHS COMPLIANT Pb
	R3A57	33x33	1	7070	1490	167	☒ ☒	CE RoHS COMPLIANT Pb

DOTMAX ACCESSORIES

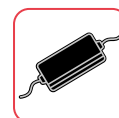
Optics



Holder



Power Supply



Heatsink



Housing



FlatMAX

Low-bay and high-bay lighting



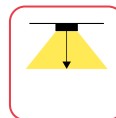
Office



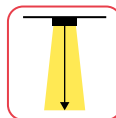
Backlight



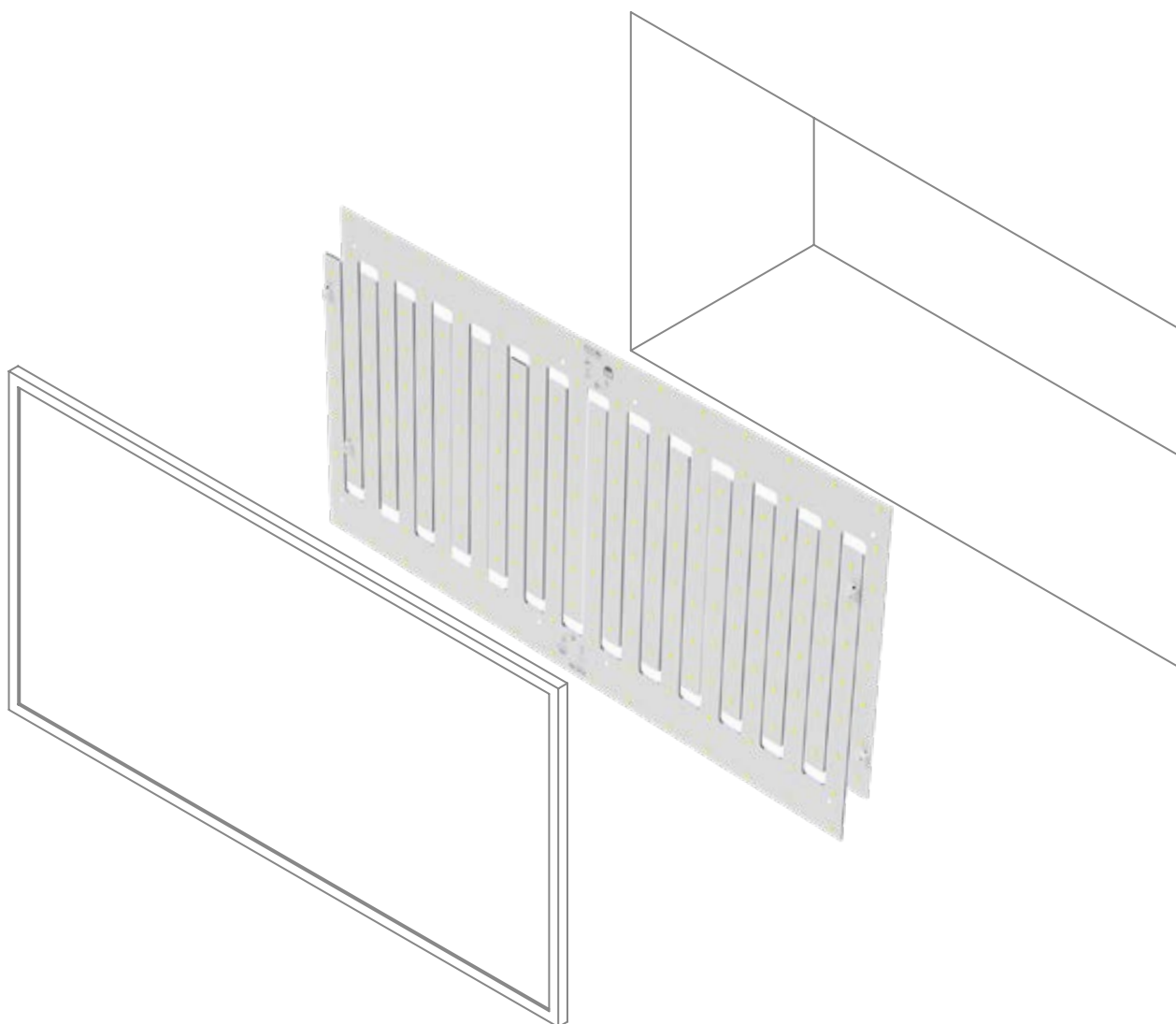
Indoor



Low Bay



High Bay



Round

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4884	50	32	2835	1497	178	X X	CE RoHS Pb
	R4982	90	32	2835	2312	171	X X	CE RoHS Pb
	R4981	120	65	2835	4472	177	X X	CE RoHS Pb
	R4413	145	60	2835	3672	181	X	CE RoHS Pb
	R4D51	190	80	2835	5984	210	X	CE RoHS Pb
	R4366	237	72	2835	4406	177	X	CE RoHS Pb

High-Bay/LEDiL optics

Victoria-Mini

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4C60	150	160	2835	7711	219	X	CE RoHS Pb

Victoria

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4D99	254	320	2835	21829	190	☒ ☐	CE  

Finger

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4E16	490x233	60	2835	4093	189	☒ ☐	CE  
	R4218	543x250	112+112	2835	8593	213	☒ ☐	CE  
	R4428	543x250	224+224	2835 TW	8782	148	☒ ☐	CE  
	R4950	510x252	64+64	6060	2070	142	☒ ☒	CE  
	R4A23	520x246	98	2835	4911	195	☒ ☐	CE  

Square

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4675	145x145	72	2835	2498	148	X ☐	CE 

Ring

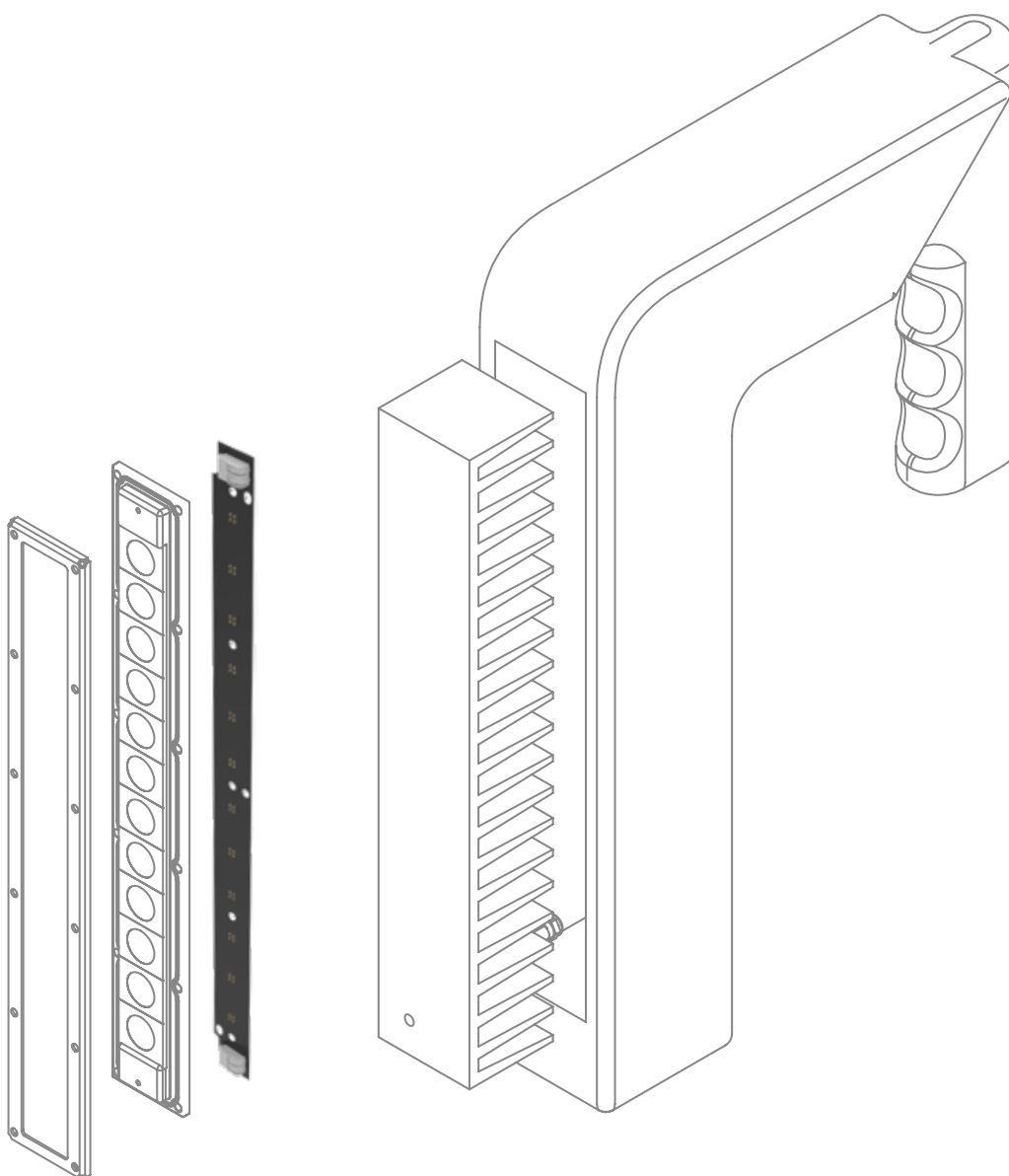
	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4465	247 (Ext.) 207 (Int.)	210	2835	3610	192	X ☐	CE 

Slice

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC CV	Certifications
	R4364	283	60	2835	3348	196	X ☐	CE 

SpecialRED

UV lighting



	Model	Size (mm)	LED No	LED Type	Wavelength (nm)	Option Flux Range (mW)	CC CV	Certifications
	R5645	35	1	3535 UVC	275	10-150	☒ ☐	
	R5804	200x15	3 + 2	3535 UVC + 2835 ROYAL BLU	275	30-60	☒ ☒	
	R5847	400x15	6 + 4	3535 UVC + 2835 ROYAL BLU	275	60-130	☒ ☒	

LEDiL Violet

	Model	Size (mm)	LED No	LED Type	Wavelength (nm)	Option Flux Range (mW)	CC CV	Certifications
	R5723	280x20	12	3535 UVC	275	120-560	☒ ☒	
	R5D84	280x20	12	3535 UVA/UVB	275nm-410nm	444-16524	☒ ☒	

SpecialRED

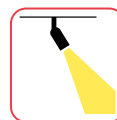
Driver modules



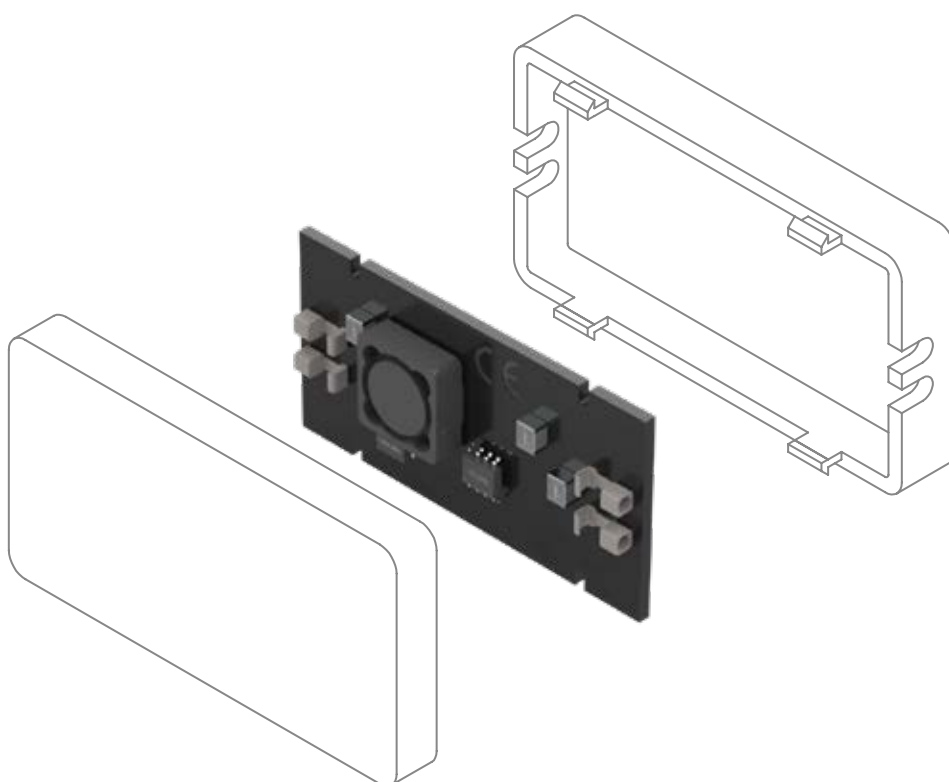
Commercial



Indoor



Spotlight



	Model	Size (mm)	Type	Vin (Vdc)	Iout	max Power (W)	Certifications
	R5743*	53x27	Step-up	20-28	100-1400	50	CE RoHS COMPLIANT Pb
	R5489**	48x14	Step-down	19-51	100-750	35	CE RoHS COMPLIANT Pb
	R5695*	35x18,5	Touch control	24	500	6	CE RoHS COMPLIANT Pb

* Factory set
** Trim set

More options and setup
available on request

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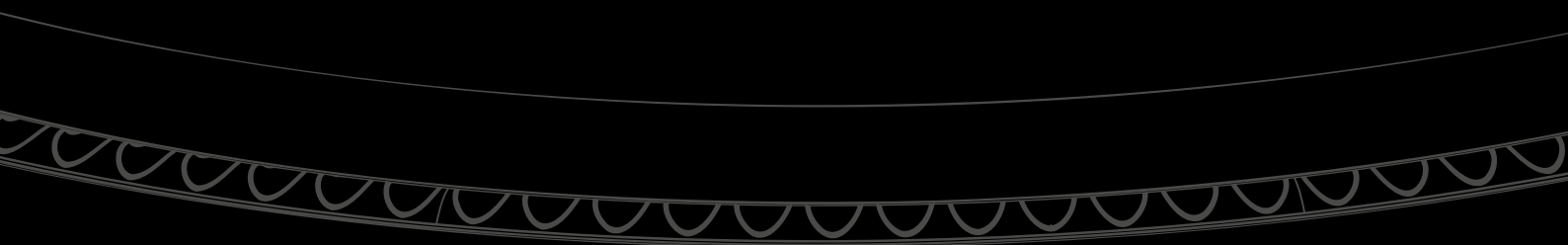
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