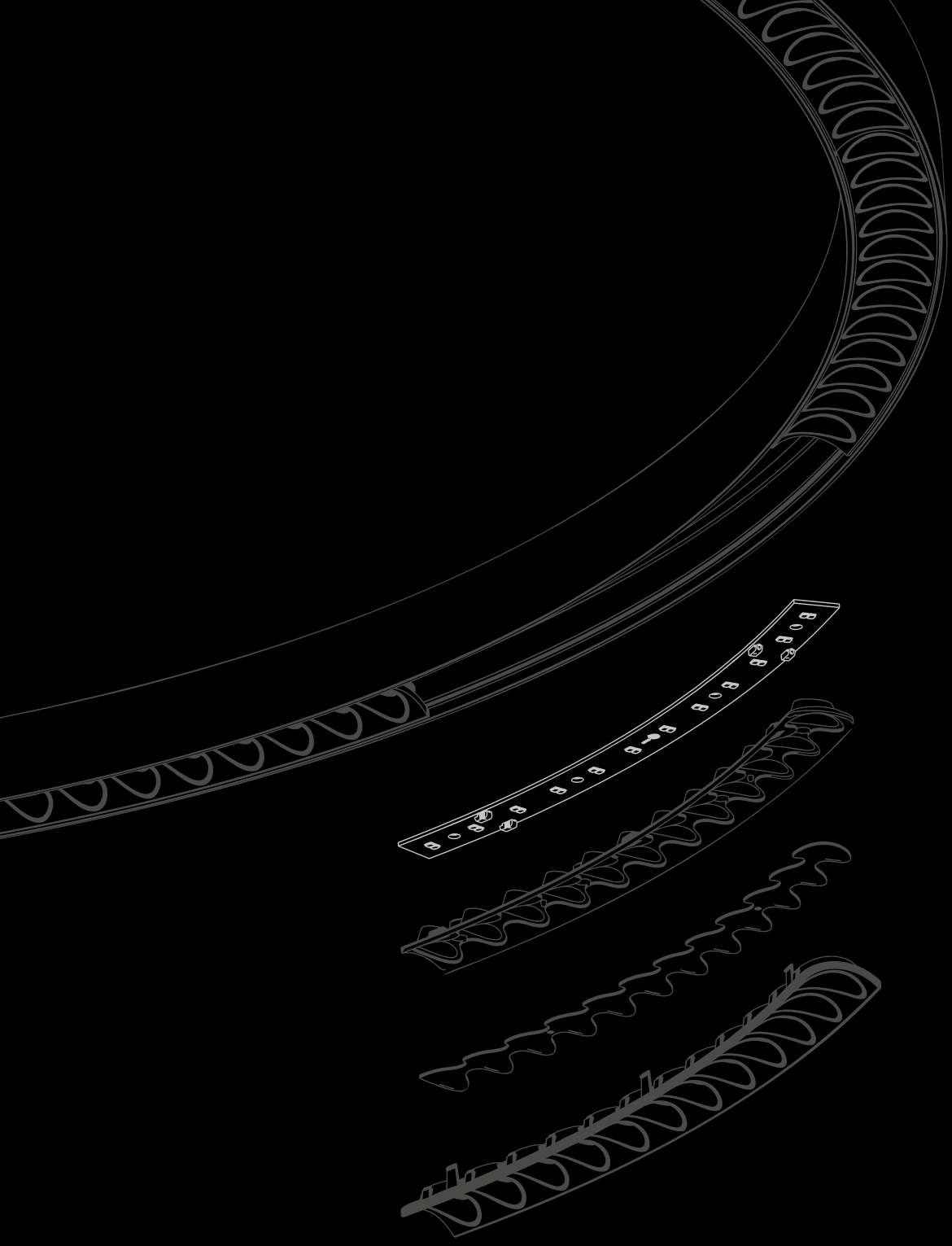


REDMADE®

LED modules selection 2026 | 2027

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REDMADE®

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.

European Commission

EPREL (European Product Registry Energy Labelling)

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

CERTIFICAZIONE DI SISTEMA QUALITÀ DNV ISO 9001

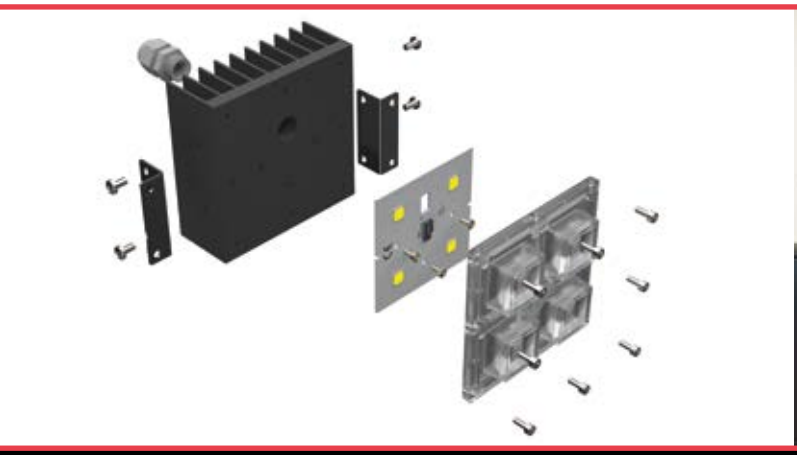
We are a company with **Quality System certified** by DNV (ISO 9001:2015) for the following scope: "Design, production and sales of LED modules for luminaires and entire luminaire bodies; trading of components for luminaires (IAF: 19)."

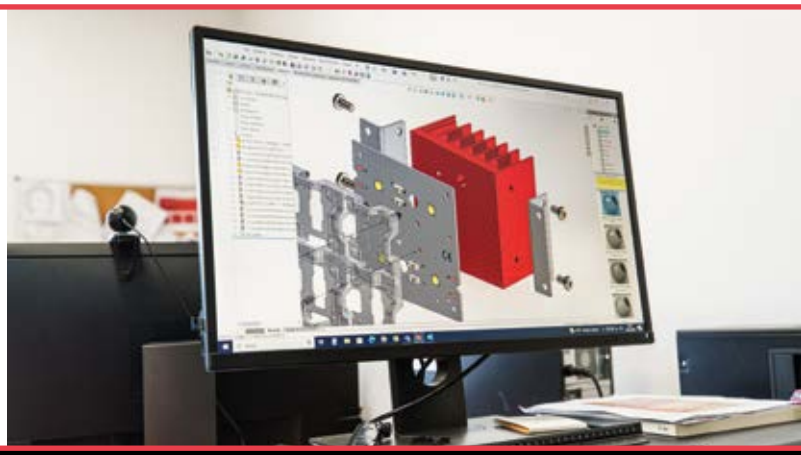
We are

ZHAGA Associate Member

Featured services

- Inhouse LED modules engineering and production
- Customization and distribution of LED lighting components
- Support in LED fixture design
- Photometric and colorimetric tests
- Thermal design and CFD





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.



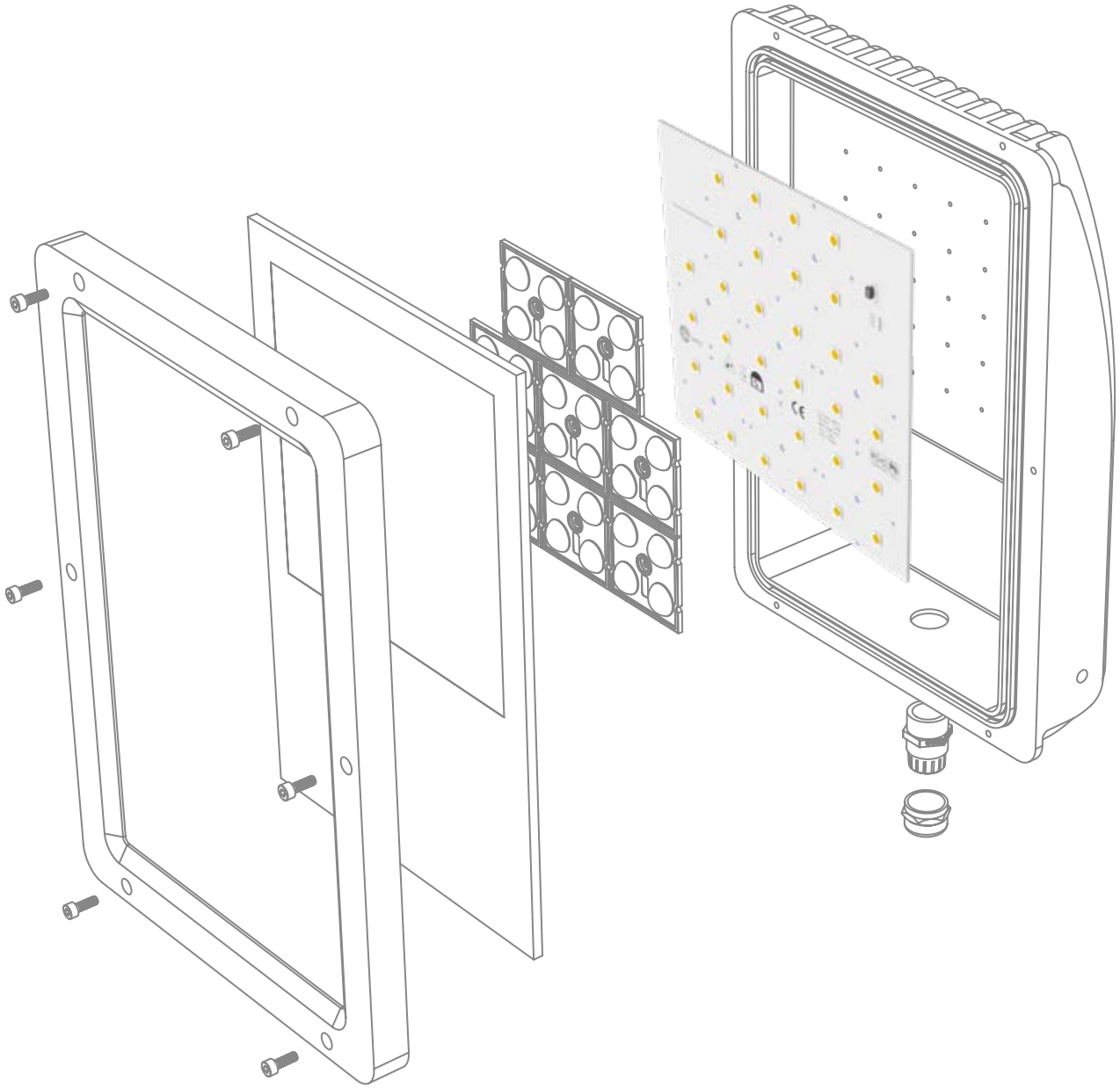




LightMAX

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 Pb
	**R0308**	70x50	4	3535	2183	195	X ☐	CE RoHS Pb
	**R0457**	70x50	16	CSP	4600	160	X ☐	CE RoHS Pb
	**R0241**	120x50	8	3535*	4365	196	X ☐	05 CE RoHS Pb
	**R0485**	120x50	8	5050**	5554	190	X ☐	05 CE RoHS Pb
	**R0B86**	170x50	12	3535*	6548	195	X ☐	05 CE RoHS Pb
	**R0498**	170x50	12	5050**	8331	190	X ☐	05 CE RoHS Pb
	**R0E74**	170x50	12	5050 CSP	8726	200	X ☐	CE RoHS Pb
	**R0229**	220x50	16	3535*	8731	195	X ☐	05 CE RoHS Pb
	**R0484**	220x50	16	5050**	11108	190	X ☐	05 CE RoHS 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	X ☐	CE RoHS Pb
	**R0D13**	170x50	18	5050	8777	198	X ☐	05 CE RoHS Pb
	**R0D14**	220x50	24	5050	11703	198	X ☐	05 CE RoHS 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	X X	05 CE RoHS Pb
	**R0970**	120x50	32	3030	5650	185	X ☐	05 CE RoHS Pb
	**R0994**	170x50	48	3030	8475	185	X ☐	05 CE RoHS Pb
	**R0947**	220x50	64	3030	11300	185	X ☐	05 CE RoHS 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	X X	

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	X	
	**R0344**	147x45	12	5050	6250	190	X	

** 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	X	

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	X ☐	
	**R0839**	172x100	24	5050	13557	190	X ☐	
	**R0D15**	220x200	64	5050	33205	190	X ☐	

LIGHTMAX ACCESSORIES

Optics



Power Supply



Heatsink



Thermal Pad



Socket

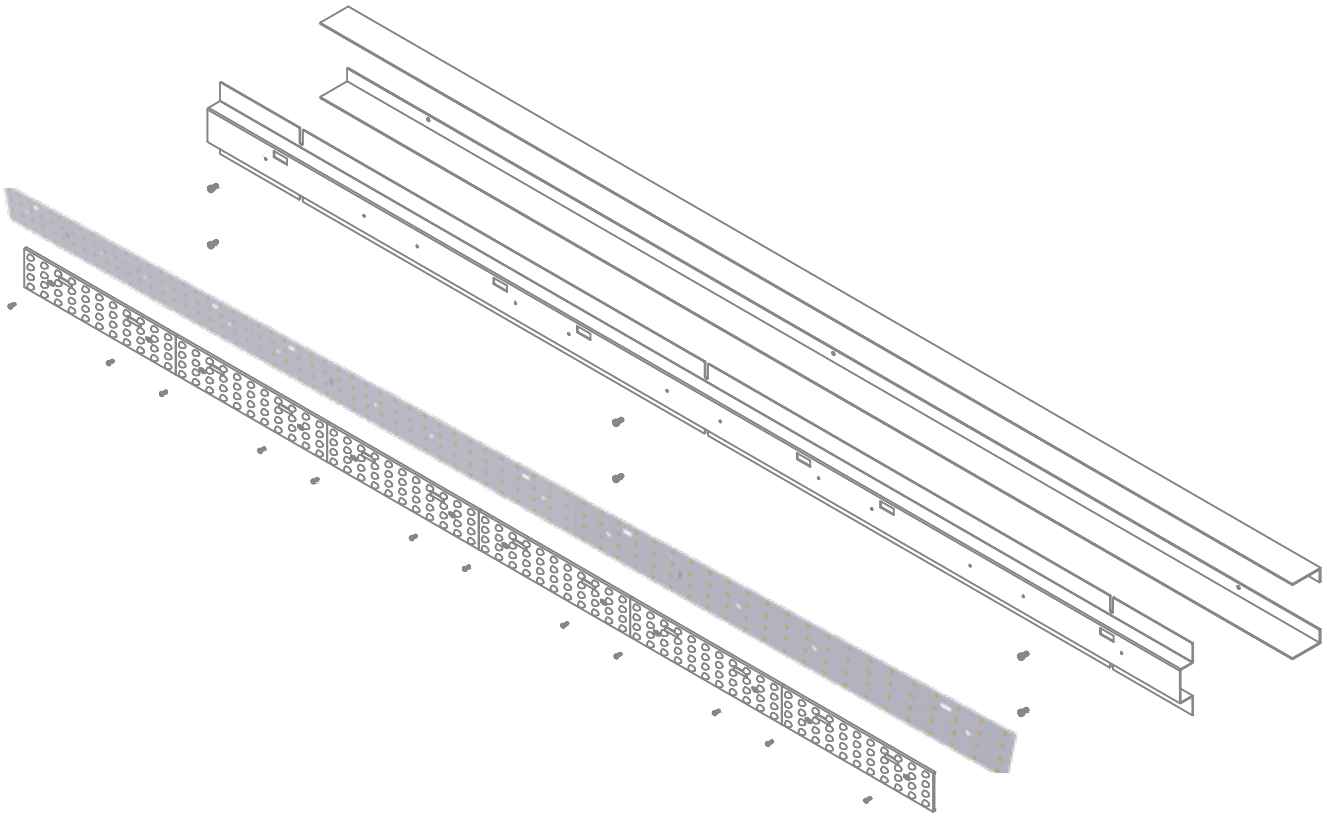


LineMAX

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*	☐ X	CE RoHS Pb
	**R1494**	400x10	56	2835	2480*	148*	☐ X	CE RoHS Pb

** 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	☐ X	CE RoHS Pb
	**R1504**	267x18	4	6060	340	100	☐ X	CE RoHS Pb
	**R1505**	433x18	6	6060	500	100	☐ X	CE RoHS Pb
	**R1506**	599x18	8	6060	670	100	☐ X	CE RoHS Pb
	**R1507**	931x18	12	6060	1020	102	☐ X	CE RoHS Pb

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	X ☐	CE RoHS Pb

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

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
	R1729	280x20	14	2835 TW	700	132	X X	CE RoHS
	R1E70	280x20	28	2835	1524	220	X	CE RoHS
	R1E71	560x20	56	2835	3049	220	X	CE RoHS
	R1E69	1120x20	112	2835	9004	220	X	CE RoHS

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
	R1E08	280x24	28	2835	3571	188	X	CE RoHS
	R1886	280x24	28	2835 TW	1014	180	X	CE RoHS
	R1E09	560x24	56	2835	6582	188	X	CE RoHS
	R1B93	560x24	56	2835 TW	2028	180	X	CE RoHS

Isla

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC | CV	Certifications
	**R1E35**	280x24	12	5050	5879	174	X ☐	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	X ☐	CE RoHS Pb
	**R1812**	131x14	5	3535	1305	155	X ☐	CE RoHS Pb
	**R1B39**	227x35	5	5050	2909	150	X ☐	CE RoHS Pb
	**R1D71**	410x52	80	CSP	3170	146	X ☐	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)	X ☐	CE RoHS Pb
	R1B99 (10 pcs)	PCB: 272,8x18 Complete ring: ø900	24	2835			X ☐	CE RoHS Pb
	R1C00 (12 pcs)	PCB: 302,5x20 Complete ring: ø1200	24	2835			X ☐	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	☐ X	CE RoHS
	**R1679**	560x14	40+40	2835 TW	852	157	X ☐	CE RoHS
	**R1B36**	560x20	56+56	2835 TW	3020	151	☐ X	CE RoHS

RGBW

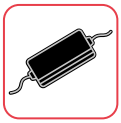
	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC | CV	Certifications
	**R1997**	560x24	112	2835 W 2216 RGB	1458	106	☐ X	CE RoHS

LINEMAX ACCESSORIES

Optics



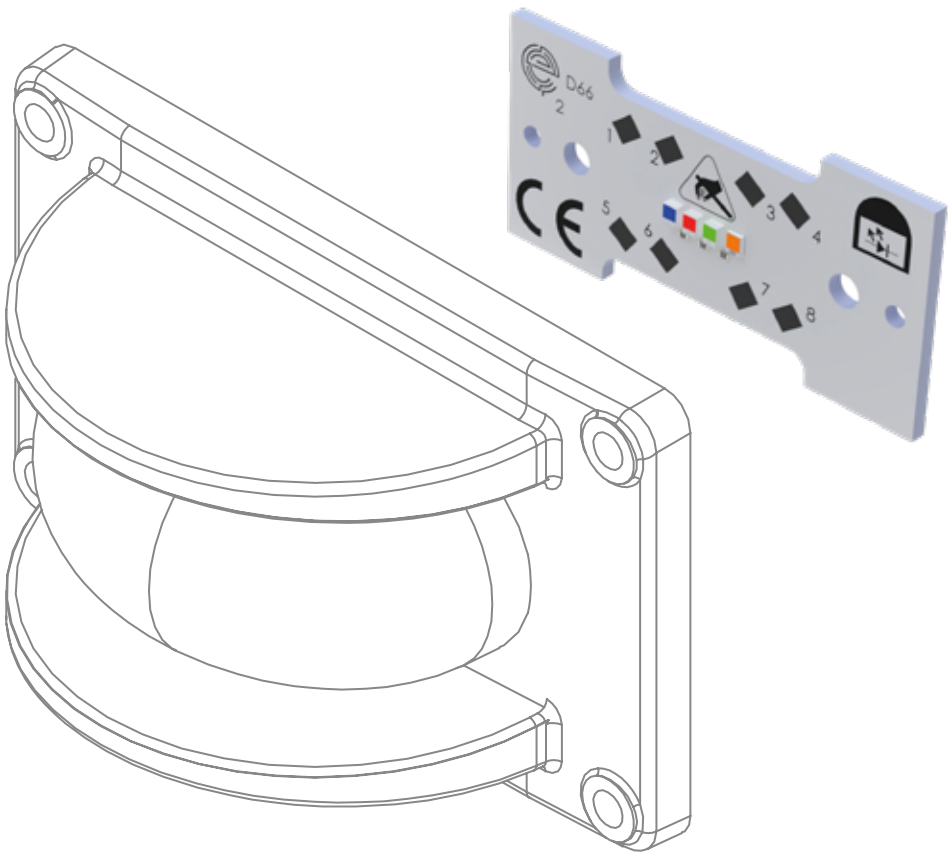
Power Supply



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	X ☐	CE RoHS
	**R2293**	20	1	1616 RGBW	530	71	X ☐	CE RoHS
	**R2121**	44	1	5050 RGBW	367	59	X ☐	CE RoHS

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	X ☐	CE RoHS

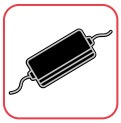
**Available also in White and Tunable White versions*

DECOMAX ACCESSORIES

Optics



Power Supply

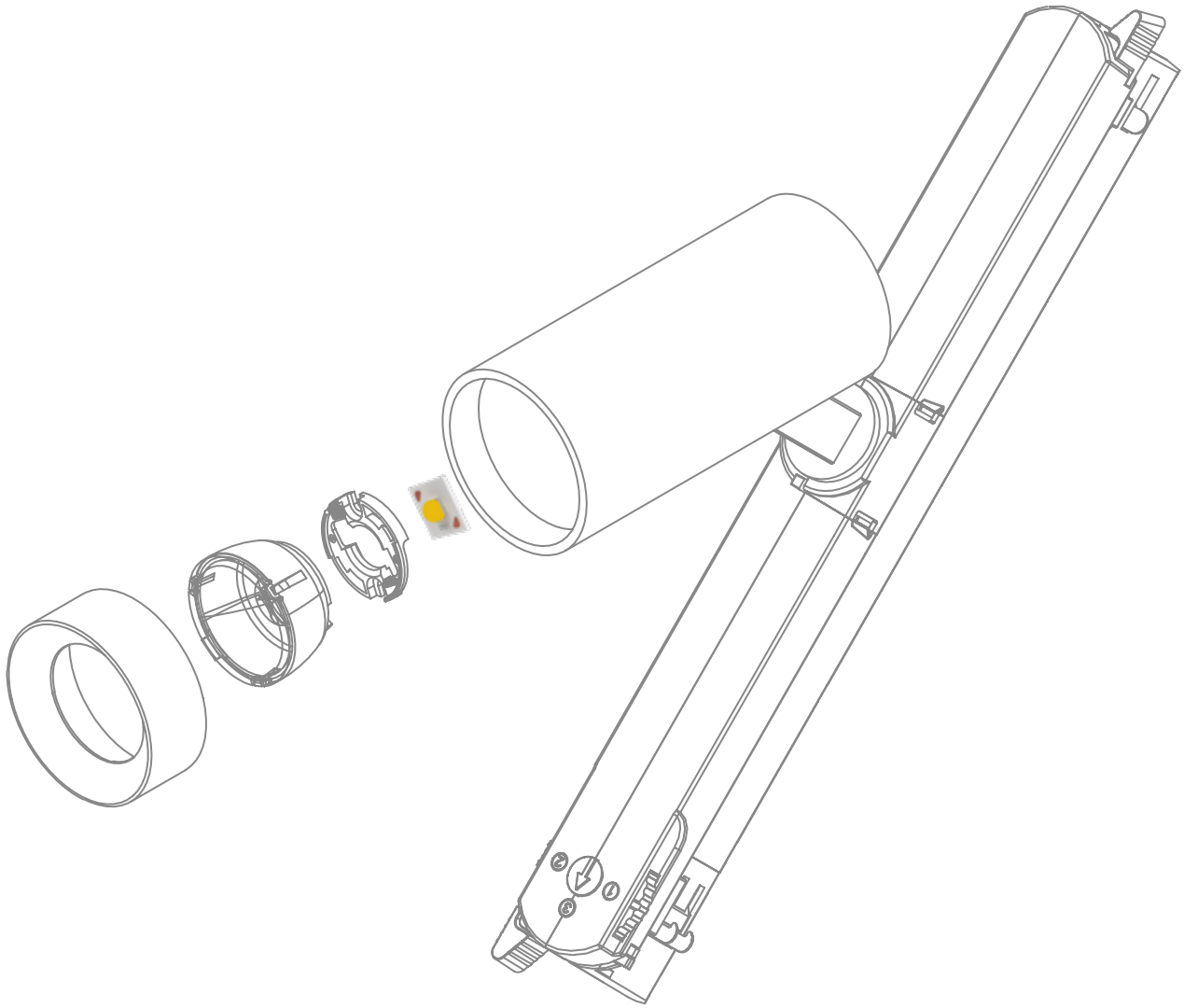


DotMAX

Spot lighting



Downlight | Commercial | Indoor | Spotlight | Wall Washer



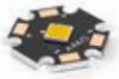
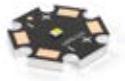
Square

	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	X ☐	CE RoHS Pb
	**R3246**	13,35x13,35	1	5050	622	152	X ☐	CE RoHS Pb
	**R3295**	13,35x13,35	1	XHP50	1032	155	X ☐	CE RoHS Pb
	**R3343**	15,85x15,85	1	XHP70	1635	139	X ☐	CE RoHS Pb
	**R3A38**	28x28	24	CSP	1788	115	X ☐	CE RoHS 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	X ☐	CE RoHS Pb
	**R3766**	25	4	CSP	706	133	X ☐	CE RoHS Pb
	**R3887**	35	1	3535	1007	135	X ☐	CE RoHS Pb
	**R3A54**	68,5	4	5050	1809	167	X X	CE RoHS Pb

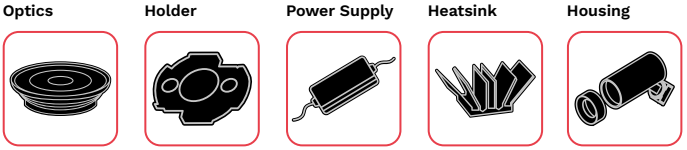
Star

	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC | CV	Certifications
	**R3262**	16x15	1	3535	302	180	X ☐	CE RoHS Pb
	**R3237**	20x21	1	3535	306	173	X ☐	CE RoHS Pb
	**R3A44**	20x21	1	5050	709	172	X ☐	CE RoHS Pb
	**R3D86**	20x21	1	XHP50	1021	117	X ☐	CE RoHS Pb
	**R3012**	20x21	1	XE-G/Z-ES	250	142	X ☐	CE RoHS 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	X ☐	CE RoHS Pb
	**R3A56**	25x23	1	5050	603	161	X ☐	CE RoHS Pb
	**R3A57**	33x33	1	7070	1490	167	X X	CE RoHS Pb

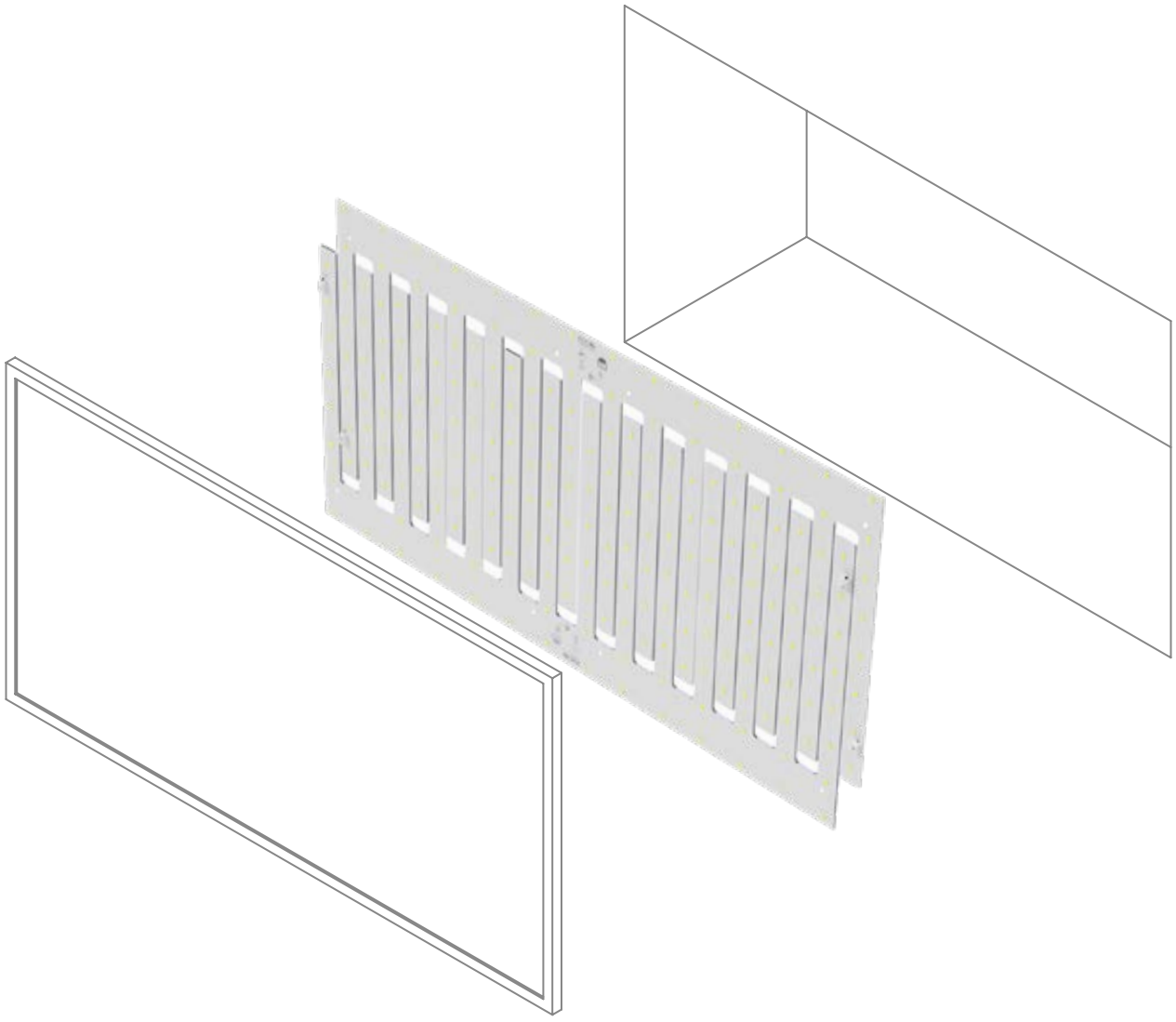
DOTMAX ACCESSORIES



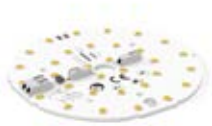
FlatMAX

Low-bay and high-bay lighting





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	X ☐	CE RoHS Pb

Finger

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

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 RoHS

Ring

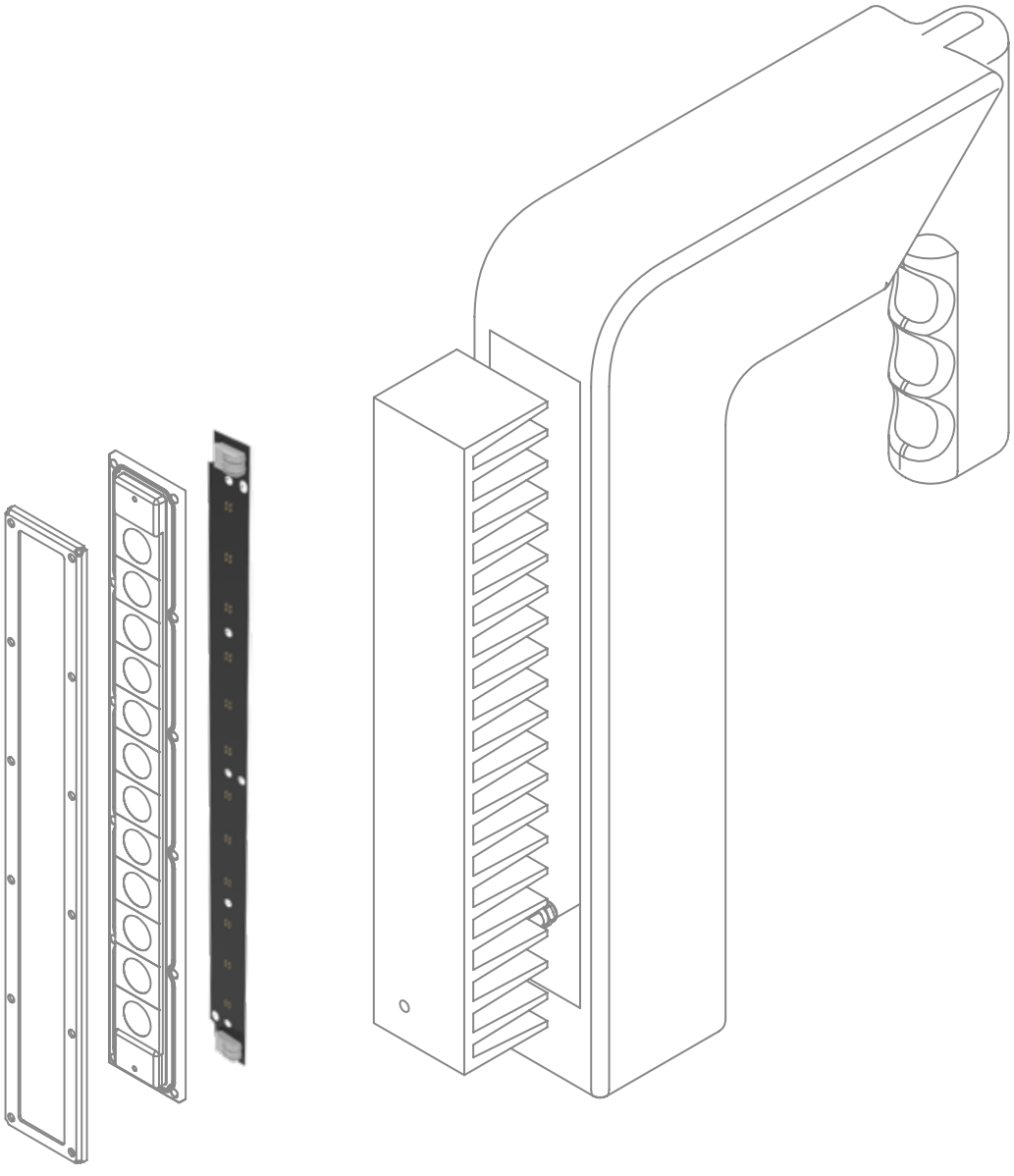
	Model	Size (mm)	LED No	LED Type	max Flux (lm)	max Efficacy (lm/W)	CC | CV	Certifications
	**R4465**	247 (Ext.) 207 (Int.)	210	2835	3610	192	X ☐	CE RoHS

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 RoHS

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	X ☐	CE RoHS Pb
	**R5804**	200x15	3 + 2	3535 UVC + 2835 ROYAL BLU	275	30-60	X X	CE RoHS Pb
	**R5847**	400x15	6 + 4	3535 UVC + 2835 ROYAL BLU	275	60-130	X X	CE RoHS Pb

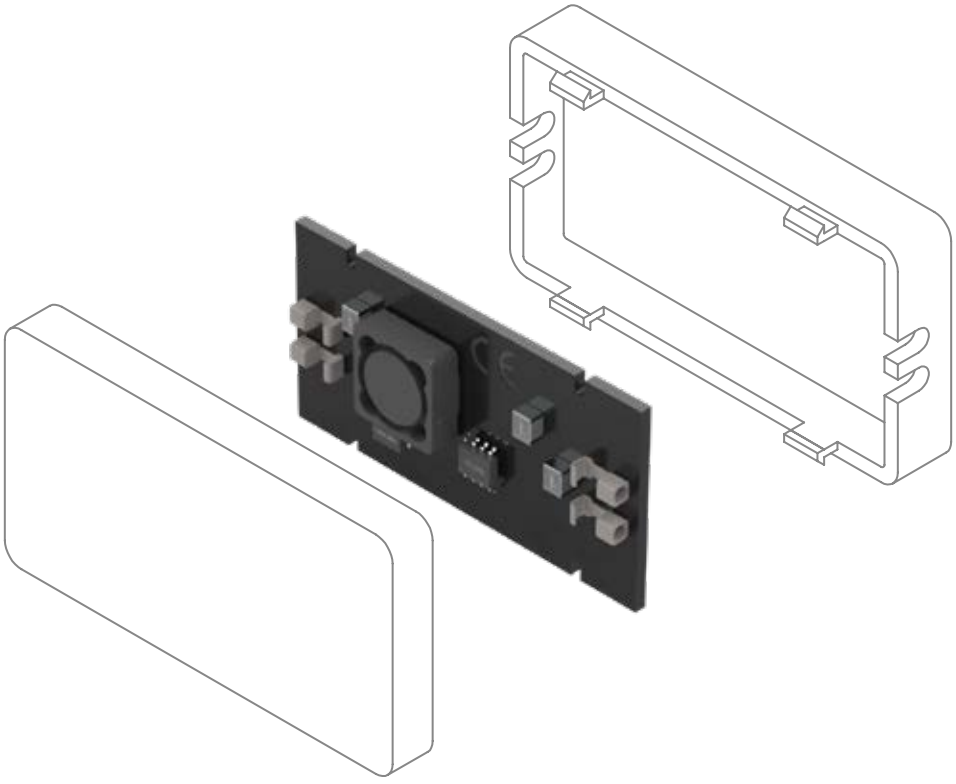
LEDiL Violet

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

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
	**R5489****	48x14	Step-down	19-51	100-750	35	CE RoHS
	**R5695***	35x18,5	Touch control	24	500	6	CE RoHS

** Factory set*
*** Trim set*

More options and setup available on request

Sales network

Italy

Emilia-Romagna, Marche

Effedue S.r.l.
commerciale@agenziaeffedue.com
+39 051 7813 96

Lombardia

Francesco Bonfanti
francesco.bonfanti@redmade.it
+39 335 5711 955

Piemonte, Liguria, Valle D'Aosta

Dario Baldi
dario.baldi@redmade.it
+39 349 4941 294

Puglia, Basilicata, Calabria, Campania

Catacchio s.a.s. Rappresentanze Elettrotecniche
catacchio@catacchio.it
+39 080 6970 056

Veneto, Friuli-Venezia Giulia, Trentino Alto Adige

Guido Giusto
guido.giusto@redmade.it
+39 331 6757 743

Veneto

Moreno Marcato
moreno.marcato@redmade.it
+39 335 6696 830

EMEA

Egypt

Jet Lighting Technology - JLT
wasim.youssef@jlt-lightech.com
+20 150 7017 060

Germany, Austria, Switzerland

Exceedation Sales GmbH
office@exceedation.com
+43 676 5707 800

Germany

Zeno Zanini GmbH
info@zanini.de
+49 511 5248 72-0

Greece

C. Canetti & Co.
info@kanetis.gr
+30 210 6721 500

Hungary, Romania

Selectronic 2000 Hungary Kft.
info@selectronic2k.com
+36 20 399 3214

Poland

Exceedation Sales GmbH
wojtek.cieplik@exceedation.com
+49 178 4485848

Spain, Portugal

Led & Components Expert, S.L.
eparra@lce-led.com
+34 620 8197 04

Main partners

LUMILEDS · LEDiL · LiFud · PPI

uPowerTek · STREAMER LED EMERGENCY DRIVER · ELECTRO TERMINAL · LONGJOIN · RISING SUN LED Strip World

Universal Science S.r.l. – Sole shareholder company
VAT: IT05595260968 | REA: MI-1833015 | SHARE CAP. € 10.000,00
Via Adige, 30 | 20006 Pregnana Milanese (MI) | Italy
+39 02 94324 511 | sales@redmade.it
www.redmade.it |