LEDVANCE.COM

LEDVANCE



THE ASSORTMENT AT A GLANCE

OSRAM LED LAMPS FROM LEDVANCE

AUGUST 2018



OSRAM

LEDVANCE: ADVANCING LIGHT

BAD LIGHT MAKES YOU FURIOUS? WE´VE GOT A SOLUTION FOR THAT.

As a trusted partner for general lighting products, we stand for the fight against bad light in everything we do.

At LEDVANCE, we combine traditional general illumination with modern, groundbreaking lighting technologies, building on longstanding customer relationships and a powerful distribution network. We are experts for general illumination industry worldwide, trending technologies and changing needs. We are also a strong local partner in over 140 countries, catering to specific demands and assisting customers with our teams of experts.

Each and every new addition to our portfolio will always adhere to our core philosophy: to provide easy-to-use and intelligent lighting solutions, that are created with the human health in mind – supporting concentration and well-being.

Since all our product developments are shaped by these lasting principles, we are set to continue developing high-demand products and generating new opportunities in the future.

We are strongly committed to help you in your personal fight against bad light, too.



WHY LEDVANCE?



BECAUSE WE ARE DEVELOPING LIGHT

Light is dynamic. And so too is LEDVANCE. Like light, our company continues to develop. In the past two years LEDVANCE has realigned itself for the future and is ready to actively shape this future.

We have set ourselves some ambitious targets for the coming years. By 2020, LEDVANCE intends to be among the top five luminaire players in Europe, and become the global number one in LED general lighting. We are therefore expanding our international product business in the various areas of application, extending our range of design-based premium products and continuing to focus on our expertise in consultancy and service. Despite all the change, one thing remains true: LEDVANCE is your professional partner in all aspects of general lighting.

GOOD REASONS **FOR CHOOSING LEDVANCE**

FULL STEAM AHEAD –
OUR LUMINAIRE STORY IS GAINING MOMENTUM

WE ARE ON THE PATH TO SUCCESS –
AND WE'RE DOUBLING OUR RANGE IN 2018

TAKE NOTE OF THIS NEWCOMER TODAY –
YOU'RE LOOKING AT THE PIONEERS OF TOMORROW

WE ARE ADDING HEAT TO THE MARKET …
… WITH NEW DESIGNS AND NEW CAMPAIGNS

PUTTING YOU IN THE RIGHT LIGHT –
OUR VERTICAL APPLICATION EXPERTS GET THE JOB DONE

WE GIVE YOU A CLEAR CHOICE –
WITH AN EXTENSIVE PORTFOLIO OF ALL-GLASS LED LAMPS

WE GIVE YOU A CLEAN CHOICE …
… FOR LOWERING YOUR ENERGY CONSUMPTION

A WHOLE TEAM BACKING YOU UP –
THAT IS OUR PROMISE TO YOU

OUR FIGHTERS AGAINST BAD LIGHTING

One thing is clear: You need to make the right offer if you want to impress your customers, polish your image as a lighting expert and form a bond between traditional general illumination and state-of-the-art, trend-setting lighting technology. For this reason, LEDVANCE's new lamp portfolio offers not only a broad range of products that have an expanded selection of light color and increased efficiency, but also completely new options for standard types, models and technologies (i. e., sensors and IP protection rating). Join LEDVANCE in experiencing the functional and practical modernization of LED technology for the broadest range of uses as well as the specific benefits of individual light solutions. Our portfolio 2018/2019 – every product is a successful fighter against bad light. See for yourself …

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- High color rendering: PARATHOM® PRO PAR16, MR16 and AR111 up to CRI 97
- MR11: non-dimmable types in full glass and two different light colors (2,700 K, 4,000 K)
- Complete PAR20/30/38 and R39/50/63/80 portfolio in glass design
- Very long lifetime of up to 40,000 hours[1]
- More than half of all LED reflector lamps are made in Germany
- PAR38 Dim & PAR38 Green Lens: protection against water jets (IP 65)

LED LAMPS WITH CLASSIC BULB SHAPES 10

- High color rendering: PARATHOM® PRO portfolio up to CRI 95
- Extensive full-glass portfolio: LED lamps with the refined look and feel of traditional incandescent lamps available in clear and frosted versions
- Main types in dimmable version
- 150 W replacement: up to 2,452 lm
- Edition 1906: new décor shapes e. g. XXL version, innovative spiral filaments and more



[1] L70/B50 | [2] Compared to the previous generation

LED LAMPS WITH SPECIAL FUNCTIONS 16

- Facility Lamp: provides light via backup battery during power outages – 2 h of battery powered light (100 lm)
- Daylight Sensor: increased feeling of safety through automatic switch-on during darkness (≤ 10 lx) – now available as CLASSIC A Filament shape
- Motion Sensor: high energy saving with detection distance of around 3 meters
- Duo Click Dim: 100 % & 30 % light via switch
- Active & Relax: Warm White (2,700 K) to relax, Cool White (4,000 K) for activity
- GLOWdim: stimulate the lighting mood by simply dimming to a warmer light color



LED LAMPS FOR SPECIAL APPLICATIONS 19

- HQL LED HIGHBAY: new range as replacements for 250 W and 400 W HQL or HQI lamps for operation on CCG or AC mains
- HQL LED PRO: new 13,000 lm type with E40 socket as replacement for 250 W HQL or 210 W NAV lamps. All lamps also available with warm light (2,700 K)
- DULUX® LED: new LED replacements for D, D/E, S and L type compact fluorescent lamps. DULUX® L LED in full glass
- GX53: super flat design with 120° wide-beam angle
- PIN G9/GY6.35/G4: wide range with great design, also dimmable version available
- LEDinestra®: More light, more energy savings at lower costs[2]
- LINE R7s: now with up to 2,452 lm (118 mm) and 1,521 lm (78 mm)
- SPECIAL T26: new clear versions for 25 W and 40 W replacement



LED TUBES 23



- Full-glass portfolio performance tubes with shatterproof protection film
- Extremely long lifetime up to 60,000 hours[1]
- T5 Universal: all in one tube compatible with ECG and AC mains, whole portfolio with shatterproof protection film
- T8 EM: high efficiency up to 165 lm/W, tandem function for all 0,6 m types
- T8 Connected: simple and easy SMART system
- T8 Universal: extendend portfolio – all in on tube fits in ECG and CCG luminaires
- T9 LED: direct replacement for 22 W and 32 W T9 fluorescent lamps

LED REFLECTOR LAMPS



OSRAM PARATHOM® PAR16

	Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® PRO PAR16 dimmable[1] – GU10, 36°, 220-240 V | 35 W replacement														GLASS DESIGN · 5 year guarantee [5] · CRI 97 · MADE IN GERMANY	
	PARATHOM PRO PAR16 35 36° 927	4058075**095243**	4.9	35 W	230	690	2700	97	✓	55	51	40000	A		1
	PARATHOM PRO PAR16 35 36° 930	4058075**095229**	4.9	35 W	230	690	3000	97	✓	55	51	40000	A		1
	PARATHOM PRO PAR16 35 36° 940	4058075**023116**	4.6	35 W	230	565	4000	90	✓	55	51	40000	A		1
OSRAM PARATHOM® PRO PAR16 dimmable[1] – GU10, 36°, 220-240 V | 50 W replacement														GLASS DESIGN · 5 year guarantee [5] · CRI 97	
	PARATHOM PRO PAR16 50 36° 927	4058075**095427**	6.4	50 W	350	880	2700	97	✓	55	51	40000	A		1
	PARATHOM PRO PAR16 50 36° 930	4058075**095403**	6.4	50 W	350	880	3000	97	✓	55	51	40000	A		1
	PARATHOM PRO PAR16 50 36° 940	4058075**095304**	6.4	50 W	350	880	4000	97	✓	55	51	40000	A		1
OSRAM PARATHOM® DIM PAR16 dimmable[1] – GU10, 36°, 220-240 V | 35 W replacement														GLASS DESIGN · 5 year guarantee [5] · CRI 90 · MADE IN GERMANY	
	PARATHOM DIM PAR16 35 36° 927	4058075**095205**	4.5	35 W	230	630	2700	≥ 90	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 35 36° 930	4058075**095182**	4.5	35 W	230	630	3000	≥ 90	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 35 36° 940	4058075**095144**	4.5	35 W	230	630	4000	≥ 90	✓	55	51	25000	A+		1
OSRAM PARATHOM® DIM PAR16 dimmable[1] – GU10, 36°, 220-240 V | 50 W replacement														GLASS DESIGN · 5 year guarantee [5] · CRI 90 · MADE IN GERMANY	
	PARATHOM DIM PAR16 50 36° 927	4058075**095380**	5.9	50 W	350	850	2700	≥ 90	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 50 36° 930	4058075**095366**	5.9	50 W	350	850	3000	≥ 90	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 50 36° 940	4058075**095281**	5.9	50 W	350	850	4000	≥ 90	✓	55	51	25000	A+		1
OSRAM PARATHOM® DIM PAR16 dimmable[1] – GU10, 36°, 60°, 120°, 220-240 V | 80 W replacement														GLASS DESIGN · 5 year guarantee [5]	
	PARATHOM DIM PAR16 80 36° 827	4058075**095489**	8	80 W	575	1439	2700	≥ 80	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 80 36° 830	4058075**095465**	8	80 W	575	1439	3000	≥ 80	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 80 36° 840	4058075**095441**	8	80 W	575	1439	4000	≥ 80	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 80 60° 827	4058075**095540**	8	80 W	575	680	2700	≥ 80	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 80 60° 830	4058075**095526**	8	80 W	575	680	3000	≥ 80	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 80 60° 840	4058075**095502**	8	80 W	575	680	4000	≥ 80	✓	55	51	25000	A+		1
	PARATHOM DIM PAR16 80 120° 827[6]	4058075**095601**	8	80 W	575	210	2700	≥ 80	✓	55	51	25000	A+		2
	PARATHOM DIM PAR16 80 120° 830	4058075**095588**	8	80 W	575	210	3000	≥ 80	✓	55	51	25000	A+		2
	PARATHOM DIM PAR16 80 120° 840	4058075**095564**	8	80 W	575	210	4000	≥ 80	✓	55	51	25000	A+		2
OSRAM PARATHOM® DIM PAR16 dimmable[1] – GU10, 36°, 220-240 V | 100 W replacement														GLASS DESIGN · 5 year guarantee [5] · MADE IN GERMANY	
NEW	PARATHOM DIM PAR16 100 36° 827	4058075**096608**	9.6	100 W	750	1280	2700	≥ 80	✓	62	51	25000	A+		3
NEW	PARATHOM DIM PAR16 100 36° 830	4058075**096561**	9.6	100 W	750	1280	3000	≥ 80	✓	62	51	25000	A+		3
NEW	PARATHOM DIM PAR16 100 36° 840	4058075**096547**	9.6	100 W	750	1280	4000	≥ 80	✓	62	51	25000	A+		3
OSRAM PARATHOM® PAR16 – GU10, 36°, 220-240 V | 35 W replacement														GLASS DESIGN · 4 year guarantee [5] · MADE IN GERMANY	
	PARATHOM PAR16 35 36° 827	4058075**132191**	3.3	35 W	230	565	2700	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 35 36° 830	4058075**132177**	3.3	35 W	230	565	3000	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 35 36° 840	4058075**132153**	3.3	35 W	230	565	4000	≥ 80	—	55	51	15000	A+		1
OSRAM PARATHOM® PAR16 – GU10, 36°, 120°, 220-240 V | 50 W replacement														GLASS DESIGN · 4 year guarantee [5] · MADE IN GERMANY	
	PARATHOM PAR16 50 36° 827	4052899**958104**	4.3	50 W	350	850	2700	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 50 36° 830	4052899**451735**	4.3	50 W	350	850	3000	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 50 36° 840	4052899**958128**	4.3	50 W	350	850	4000	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 50 120° 827	4052899**958111**	4.3	50 W	350	130	2700	≥ 80	—	55	51	15000	A+		2
	PARATHOM PAR16 50 120° 830	4058075**023475**	4.3	50 W	350	130	3000	≥ 80	—	55	51	15000	A+		2
	PARATHOM PAR16 50 120° 840	4052899**958142**	4.3	50 W	350	130	4000	≥ 80	—	55	51	15000	A+		2
OSRAM PARATHOM® PAR16 – GU10, 36°, 60°, 120°, 220-240 V | 80 W replacement														GLASS DESIGN · 4 year guarantee [5] · MADE IN GERMANY	
	PARATHOM PAR16 80 36° 827	4052899**958173**	6.9	80 W	575	1164	2700	≥ 80	—	55	51	15000	A+		2
	PARATHOM PAR16 80 36° 830	4058075**815650**	6.9	80 W	575	1164	3000	≥ 80	—	55	51	15000	A+		2
	PARATHOM PAR16 80 36° 840	4052899**958180**	6.9	80 W	575	1439	4000	≥ 80	—	55	51	15000	A+		2
NEW	PARATHOM PAR16 80 60° 827	4058075**096486**	6.9	80 W	575	780	2700	≥ 80	—	55	51	15000	A+		1
NEW	PARATHOM PAR16 80 60° 830	4058075**096462**	6.9	80 W	575	780	3000	≥ 80	—	55	51	15000	A+		1
NEW	PARATHOM PAR16 80 60° 840	4058075**096448**	6.9	80 W	575	780	4000	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 80 120° 827	4058075**815872**	6.9	80 W	575	180	2700	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 80 120° 830	4058075**815636**	6.9	80 W	575	180	3000	≥ 80	—	55	51	15000	A+		1
	PARATHOM PAR16 80 120° 840	4058075**815674**	6.9	80 W	575	180	4000	≥ 80	—	55	51	15000	A+		1
OSRAM PARATHOM® PAR16 – GU10, 36°, 220-240 V | 100 W replacement														GLASS DESIGN · 4 year guarantee [5]	
NEW	PARATHOM PAR16 100 36° 827	4058075**096585**	9.1	100 W	750	1280	2700	≥ 80	—	62	51	15000	A+		3
NEW	PARATHOM PAR16 100 36° 830	4058075**096523**	9.1	100 W	750	1280	3000	≥ 80	—	62	51	15000	A+		3
NEW	PARATHOM PAR16 100 36° 840	4058075**096509**	9.1	100 W	750	1280	4000	≥ 80	—	62	51	15000	A+		3

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] LED lamps can be operated with a wide variety of commercially available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there | [2] L70/B50 | [3] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [4] Recommended retail price excl. VAT | [5] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | [6] Expected to be available from December 2018

LED REFLECTOR LAMPS



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OSRAM PARATHOM® PAR16

Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d[mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® DIM PAR16 dimmable[1] Box of 5 – GU10, 36°, 220-240 V | 50 W replacement													GLASS DESIGN · LEDVANCE 3 year guarantee [6] · CRI 90 · MADE IN GERMANY	
PARATHOM DIM PAR16 50 36° 927	4058075**095328**	5.9	50 W	350	850	2700	90	✓	55	51	15000	A+		1
PARATHOM DIM PAR16 50 36° 930	4058075**095342**	5.9	50 W	350	850	3000	90	✓	55	51	15000	A+		1
PARATHOM DIM PAR16 50 36° 940	4058075**095267**	5.9	50 W	350	850	4000	90	✓	55	51	15000	A+		1
OSRAM PARATHOM® PAR16 Box of 5 – GU10, 36°, 220-240 V | 50 W replacement													GLASS DESIGN · LEDVANCE 2 year guarantee [6] · MADE IN GERMANY	
PARATHOM PAR16 50 36° 827	4058075**051669**	4.3	50 W	350	850	2700	80	—	55	51	10000	A+		2
PARATHOM PAR16 50 36° 830	4058075**061149**	4.3	50 W	350	850	3000	80	—	55	51	10000	A+		2
PARATHOM PAR16 50 36° 840	4058075**061187**	4.3	50 W	350	850	4000	80	—	55	51	10000	A+		2

OSRAM PARATHOM® MR16

Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d[mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® PRO MR16 dimmable[1] – GU5.3, 36°, 12 V[5] | 20 W replacement													GLASS DESIGN · LEDVANCE 5 year guarantee [6] · CRI 97 · MADE IN GERMANY	
PARATHOM PRO MR16 20 36° 927	4058075**095663**	4.5	20 W	230	600	2700	97	✓	46	51	40000	A		3
PARATHOM PRO MR16 20 36° 930	4058075**095649**	4.5	20 W	230	600	3000	97	✓	46	51	40000	A		3
PARATHOM PRO MR16 20 36° 940	4058075**095625**	4.5	20 W	230	600	4000	97	✓	46	51	40000	A		3
OSRAM PARATHOM® PRO MR16 dimmable[1] – GU5.3, 36°, 12 V[5] | 35 W replacement													GLASS DESIGN · LEDVANCE 5 year guarantee [6] · CRI 97 [7]	
PARATHOM PRO MR16 35 36° 927	4058075**094994**	6.3	35 W	350	900	2700	97	✓	53	51	40000	A		4
PARATHOM PRO MR16 35 36° 930	4058075**094970**	6.3	35 W	350	900	3000	97	✓	53	51	40000	A		4
PARATHOM PRO MR16 35 36° 940	4058075**815452**	6.1	35 W	350	900	4000	90	✓	53	51	40000	A		4
OSRAM PARATHOM® PRO MR16 dimmable[1] – GU5.3, 36°, 12 V[5] | 43 W replacement													GLASS DESIGN · LEDVANCE 5 year guarantee [6] · CRI 97	
PARATHOM PRO MR16 43 36° 927	4058075**095069**	7.8	43 W	500	1150	2700	97	✓	53	51	40000	A		4
PARATHOM PRO MR16 43 36° 930	4058075**095045**	7.8	43 W	500	1150	3000	97	✓	53	51	40000	A		4
PARATHOM PRO MR16 43 36° 940	4058075**095014**	7.8	43 W	500	1150	4000	97	✓	53	51	40000	A		4
OSRAM PARATHOM® DIM MR16 dimmable[1] – GU5.3, 36°, 12 V[5] | 20 W replacement													GLASS DESIGN · LEDVANCE 5 year guarantee [6] · MADE IN GERMANY	
PARATHOM DIM MR16 20 36° 827	4058075**094871**	3.4	20 W	230	600	2700	≥ 80	✓	46	51	25000	A+		3
PARATHOM DIM MR16 20 36° 830	4058075**094857**	3.4	20 W	230	600	3000	≥ 80	✓	46	51	25000	A+		3
PARATHOM DIM MR16 20 36° 840	4058075**094833**	3.4	20 W	230	600	4000	≥ 80	✓	46	51	25000	A+		3
OSRAM PARATHOM® DIM MR16 dimmable[1] – GU5.3, 36°, 12 V[5] | 35 W replacement													GLASS DESIGN · LEDVANCE 5 year guarantee [6] · MADE IN GERMANY	
PARATHOM DIM MR16 35 36° 827	4058075**094956**	5	35 W	350	950	2700	≥ 80	✓	46	51	25000	A+		3
PARATHOM DIM MR16 35 36° 830	4058075**094932**	5	35 W	350	950	3000	≥ 80	✓	46	51	25000	A+		3
PARATHOM DIM MR16 35 36° 840	4058075**094895**	5	35 W	350	950	4000	≥ 80	✓	46	51	25000	A+		3
OSRAM PARATHOM® DIM MR16 dimmable[1] – GU5.3, 36°, 12 V[5] | 50 W replacement													GLASS DESIGN · LEDVANCE 5 year guarantee [6]	
PARATHOM DIM MR16 50 36° 827	4058075**095120**	7.8	50 W	621	1430	2700	≥ 80	✓	53	51	25000	A+		4
PARATHOM DIM MR16 50 36° 830	4058075**095106**	7.8	50 W	621	1430	3000	≥ 80	✓	53	51	25000	A+		4
PARATHOM DIM MR16 50 36° 840	4058075**095083**	7.8	50 W	621	1430	4000	≥ 80	✓	53	51	25000	A+		4
OSRAM PARATHOM® MR16 – GU5.3, 36°, 12 V[5] | 20 W replacement													GLASS DESIGN · LEDVANCE 4 year guarantee [6] · MADE IN GERMANY	
PARATHOM MR16 20 36° 827	4052899**957749**	2.8	20 W	230	600	2700	≥ 80	—	46	51	15000	A+		3
PARATHOM MR16 20 36° 830	4058075**815391**	2.8	20 W	230	600	3000	≥ 80	—	46	51	15000	A+		3
PARATHOM MR16 20 36° 840	4052899**957732**	2.8	20 W	230	600	4000	≥ 80	—	46	51	15000	A+		3
OSRAM PARATHOM® MR16 – GU5.3, 36°, 12 V[5] | 35 W replacement													GLASS DESIGN · LEDVANCE 4 year guarantee [6] · MADE IN GERMANY	
PARATHOM MR16 35 36° 827	4052899**957770**	4.6	35 W	350	950	2700	≥ 80	—	46	51	15000	A+		3
PARATHOM MR16 35 36° 830	4058075**815513**	4.6	35 W	350	950	3000	≥ 80	—	46	51	15000	A+		3
PARATHOM MR16 35 36° 840	4052899**957787**	4.6	35 W	350	950	4000	≥ 80	—	46	51	15000	A+		3
OSRAM PARATHOM® MR16 – GU5.3, 36°, 12 V[5] | 50 W replacement													GLASS DESIGN · LEDVANCE 4 year guarantee [6]	
PARATHOM MR16 50 36° 827	4052899**957817**	7.2	50 W	621	1430	2700	≥ 80	—	53	51	15000	A+		4
PARATHOM MR16 50 36° 830	4058075**815575**	7.2	50 W	621	1430	3000	≥ 80	—	53	51	15000	A+		4
PARATHOM MR16 50 36° 840	4052899**957824**	7.2	50 W	621	1430	4000	≥ 80	—	53	51	15000	A+		4

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] LED lamps can be operated with a wide variety of commercially available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there | [2] L70/B50 | [3] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [4] Recommended retail price excl. VAT | [5] Compatible with many commercially available electronic switchgear devices. Details can be seen at www.ledvance.com/low-voltage-led-lamps | [6] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | [7] Does not apply for PARATHOM® PRO MR16 35 36° 940

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OSRAM PARATHOM® PRO AR111

	Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® PRO AR111 dimmable[1] – GU53, 24° & 40°, 12 V[5] | 50 W replacement															5 year guarantee [6] CRI 90
	PARATHOM PRO AR111 50 24° 927	4058075**104938**	10.8	50 W	680	2400	2700	≥ 90	✓	55	111	40000	A		1
	PARATHOM PRO AR111 50 24° 930	4058075**104914**	10.8	50 W	680	2400	3000	≥ 90	✓	55	111	40000	A		1
	PARATHOM PRO AR111 50 40° 927	4058075**104990**	10.8	50 W	680	1500	2700	≥ 90	✓	55	111	40000	A		1
	PARATHOM PRO AR111 50 40° 930	4058075**104976**	10.8	50 W	680	1500	3000	≥ 90	✓	55	111	40000	A		1
OSRAM PARATHOM® PRO AR111 dimmable[1] – GU53, 24° & 40°, 12 V[5] | 75 W replacement															5 year guarantee [6] CRI 97
	PARATHOM PRO AR111 75 24° 927	4058075**105058**	15	75 W	800	4000	2700	97	✓	55	111	40000	A		1
	PARATHOM PRO AR111 75 24° 930	4058075**105034**	15	75 W	800	4000	3000	97	✓	55	111	40000	A		1
	PARATHOM PRO AR111 75 24° 940	4058075**105010**	15	75 W	850	4500	4000	97	✓	55	111	40000	A		1
	PARATHOM PRO AR111 75 40° 927	4058075**105096**	15	75 W	800	2200	2700	97	✓	55	111	40000	A		1
	PARATHOM PRO AR111 75 40° 930	4058075**105072**	15	75 W	800	2200	3000	97	✓	55	111	40000	A		1
OSRAM PARATHOM® PRO AR111 dimmable[1] – GU53, 24°, 12 V[5] | 100 W replacement															5 year guarantee [6] CRI 90
	PARATHOM PRO AR111 100 24° 927	4058075**105119**	16	100 W	1100	3200	2700	≥ 90	✓	55	111	40000	A		1

OSRAM PARATHOM® MR11

	Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® DIM MR11 dimmable[1] – GU4, 36°, 12 V[5] | 20 W replacement															5 year guarantee [6]
	PARATHOM DIM MR11 20 36° 827	4058075**813458**	2.6	20 W	184	400	2700	≥ 80	✓	38	35	25000	A+		2
OSRAM PARATHOM® DIM MR11 dimmable[1] – GU4, 36°, 12 V[5] | 35 W replacement															5 year guarantee [6]
NEW	PARATHOM DIM MR11 35 36° 827	4058075**105270**	4	35 W	345	800	2700	≥ 80	✓	38	35	25000	A+		2
OSRAM PARATHOM® MR11 – GU4, 36°, 12 V[5] | 20 W replacement															GLASS DESIGN 5 year guarantee [6]
	PARATHOM MR11 20 36° 827	4058075**105195**	2.5	20 W	184	400	2700	≥ 80	—	38	35	15000	A+		3
NEW	PARATHOM MR11 20 36° 840	4058075**105157**	2.5	20 W	184	400	4000	≥ 80	—	38	35	15000	A+		3
OSRAM PARATHOM® MR11 – GU4, 36°, 12 V[5] | 35 W replacement															GLASS DESIGN 4 year guarantee [6]
	PARATHOM MR11 35 36° 827	4058075**105317**	4	35 W	345	600	2700	≥ 80	—	38	35	15000	A+		3
NEW	PARATHOM MR11 35 36° 840	4058075**105256**	4	35 W	345	600	4000	≥ 80	—	38	35	15000	A+		3

OSRAM PARATHOM® PAR20/30/38

	Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® DIM PAR20 dimmable[1] – E27, 36°, 220-240 V | 50 W replacement															GLASS DESIGN 5 year guarantee [6]
	PARATHOM DIM PAR20 50 36° 827	4058075**105416**	5	50 W	345	700	2700	≥ 80	✓	88	64	25000	A+		4
OSRAM PARATHOM® DIM PAR30 dimmable[1] – E27, 36°, 220-240 V | 75 W replacement															GLASS DESIGN 5 year guarantee [6]
	PARATHOM DIM PAR30 75 36° 827	4058075**105430**	10.5	75 W	633	1700	2700	≥ 80	✓	90	95	25000	A		5
OSRAM PARATHOM® DIM PAR38 dimmable[1] – E27, 30°, 220-240 V | 120 W replacement															GLASS DESIGN 5 year guarantee [6] IP65
	PARATHOM DIM PAR38 120 30° 827	4058075**105478**	14.5	120 W	1035	2500	2700	≥ 80	✓	134	122	25000	A		6
OSRAM PARATHOM® PAR38 – E27, 15° & 30°, 220-240 V | 120 W replacement															GLASS DESIGN 4 year guarantee [6] IP65 [7]
	PARATHOM PAR38 120 15° 827	4058075**105454**	12.5	120 W	1035	11000	2700	≥ 80	—	134	122	25000	A+		6
	PARATHOM PAR38 120 30° 827	4058075**105492**	13	120 W	1035	2500	2700	≥ 80	—	134	122	25000	A+		6
NEW	PARATHOM PAR38 Green	4058075**117174**	13	—	—	—	—	—	—	134	122	25000	—		7

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[2] L70/B50 | [3] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [4] Recommended retail price excl. VAT | [5] Compatible with many commercially available electronic switchgear devices. Details can be seen at www.ledvance.com/low-voltage-led-lamps | [6] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee
[7] Only applies for PARATHOM® PAR38 Green

LED REFLECTOR LAMPS



OSRAM LED STAR R39, PARATHOM® CONCENTRA 50/63/80

	Product name	GTIN (EAN)	W	Replacement for	lm	cd	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LED STAR R39 – E14, 90°, 220-240 V | 12 W replacement															3 year guarantee [5]
NEW	LED STAR R39 12 90° 827	4058075**105515**	1.6	12 W	110	—	2700	≥ 80	—	76	39	15000	A++		1
OSRAM PARATHOM® DIM R50 dimmable[1] – E14, 36°, 220-240 V | 60 W replacement															GLASS DESIGN, 5 year guarantee [5], CRI 90
NEW	PARATHOM DIM R50 60 36° 927	4058075**096943**	5.9	60 W	345	630	2700	≥ 90	✓	85	53.5	25000	A		2
OSRAM PARATHOM® R50 – E14, 36°, 220-240 V | 25 W replacement															GLASS DESIGN, 4 year guarantee [5]
	PARATHOM R50 25 36° 827	4058075**096844**	1.6	25 W	110	390	2700	≥ 80	—	85	53.5	15000	A++		2
OSRAM PARATHOM® R50 – E14, 36°, 220-240 V | 40 W replacement															GLASS DESIGN, 4 year guarantee [5]
	PARATHOM R50 40 36° 827	4058075**096905**	3.3	40 W	210	630	2700	≥ 80	—	85	53.5	15000	A		2
OSRAM PARATHOM® R50 – E14, 36°, 220-240 V | 60 W replacement															GLASS DESIGN, 5 year guarantee [5]
NEW	PARATHOM R50 60 36° 827	4058075**097261**	4.3	60 W	345	670	2700	≥ 80	—	85	53.5	15000	A+		2
OSRAM PARATHOM® DIM R63 dimmable[1] – E27, 36°, 220-240 V | 60 W replacement															GLASS DESIGN, 5 year guarantee [5], CRI 90
	PARATHOM DIM R63 60 36° 927	4058075**097100**	5.9	60 W	345	630	2700	≥ 90	✓	105	63	25000	A		3
OSRAM PARATHOM® R63 – E27, 36°, 220-240 V | 40 W replacement															GLASS DESIGN, 4 year guarantee [5]
	PARATHOM R63 40 36° 827	4058075**097001**	3.3	40 W	210	630	2700	≥ 80	—	105	63	15000	A		3
OSRAM PARATHOM® R63 – E27, 36°, 220-240 V | 60 W replacement															GLASS DESIGN, 4 year guarantee [5]
	PARATHOM R63 60 36° 827	4058075**097063**	4.3	60 W	345	670	2700	≥ 80	—	105	63	15000	A+		3
OSRAM PARATHOM® DIM R80 dimmable[1] – E27, 36°, 220-240 V | 60 W replacement															GLASS DESIGN, 4 year guarantee [5], CRI 90
NEW	PARATHOM DIM R80 60 36° 927	4058075**097308**	5.9	60 W	345	630	2700	≥ 90	✓	115	80	25000	A		4
OSRAM PARATHOM® DIM R80 dimmable[1] – E27, 36°, 220-240 V | 100 W replacement															GLASS DESIGN, 5 year guarantee [5]
	PARATHOM DIM R80 100 36° 827	4058075**097186**	9.6	100 W	670	1130	2700	≥ 80	✓	115	80	25000	A		4
OSRAM PARATHOM® R80 – E27, 36°, 220-240 V | 100 W replacement															GLASS DESIGN, 4 year guarantee [5]
	PARATHOM R80 100 36° 827	4058075**097223**	9.1	100 W	670	1200	2700	≥ 80	—	115	80	15000	A+		4
OSRAM PARATHOM® R80 – E27, 60°, 220-240 V | 32 W replacement															GLASS DESIGN, 4 year guarantee [5]
	PARATHOM R80 32 60° 827	4058075**808652**	4	32 W	360	—	2700	80	—	115	80	15000	A+		5

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OSRAM PARATHOM® PRO AR111

- Replacement for 50 W, 75 W and 100 W in different light colors
- High color rendering: 50 W and 100 W replacement with CRI 90, 75 W replacement with CRI 97
- All lamps are dimmable

OSRAM PARATHOM® MR11

- Non-dimmable types in full glass and two different light colors (2,700 K, 4,000 K)
- 20 W and 35 W replacement as dimmable version (2,700 K)

OSRAM PARATHOM® PAR20/30/38

- Replacement for 50 W, 75 W and 100 W in glass design
- PAR38 Dim & PAR38 Green Lens with IP 65: ideal for outdoor applications in combination with suitable luminaires
- PAR38 also available in non-dim version

OSRAM LED STAR R39, PARATHOM® CONCENTRA 50/63/80

- R39/50/63/80: complete portfolio in glass design
- Also available as dimmable version
- Real halogen lumen replacements in a 90° cone



LED LAMPS WITH CLASSIC BULB SHAPES



OSRAM PARATHOM® LED RETROFIT CLASSIC (FILAMENT)

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
	OSRAM PARATHOM® PRO CLASSIC A dimmable[1] – E27, 220-240 V | 40 W replacement													GLASS DESIGN, 5 year guarantee [5], CRI 97
NEW	PARATHOM PRO Retrofit CL A GL FIL 40 927	4058075**134447**	5	40 W	470	2700	97	✓	104	60	15000	A+		1
	OSRAM PARATHOM® PRO CLASSIC A dimmable[1] – E27, 220-240 V | 60 W replacement													GLASS DESIGN, 5 year guarantee [5], CRI 97
NEW	PARATHOM PRO Retrofit CL A GL FIL 60 927	4058075**134485**	8	60 W	806	2700	97	✓	112	67	15000	A+		1
	OSRAM PARATHOM® DIM CLASSIC A dimmable[1] – E27, 220-240 V | 40 W replacement													GLASS DESIGN, 5 year guarantee [5]
	PARATHOM DIM Retrofit CL A GL FIL 40 827	4058075**100794**	5	40 W	470	2700	≥ 80	✓	105	60	15000	A+		2
	PARATHOM DIM Retrofit CL A GL FR 40 827	4058075**100770**	5	40 W	470	2700	≥ 80	✓	105	60	15000	A+		3
	OSRAM PARATHOM® DIM CLASSIC A dimmable[1] – E27, 220-240 V | 60 W replacement													GLASS DESIGN, 5 year guarantee [5]
	PARATHOM DIM Retrofit CL A GL FIL 60 827	4058075**100978**	7.5	60 W	806	2700	≥ 80	✓	105	60	15000	A+		1
	PARATHOM DIM Retrofit CL A GL FR 60 827	4058075**100954**	7.5	60 W	806	2700	≥ 80	✓	105	60	15000	A+		3
	PARATHOM DIM Retrofit CL A GL FR 60 840	4058075**100879**	7.5	60 W	806	4000	≥ 80	✓	105	60	15000	A+		3
	OSRAM PARATHOM® DIM CLASSIC A dimmable[1] – E27, 220-240 V | 75 W replacement													GLASS DESIGN, 5 year guarantee [5]
	PARATHOM DIM Retrofit CL A GL FIL 75 827	4058075**101074**	8.5	75 W	1055	2700	≥ 80	✓	105	60	15000	A++		4
	PARATHOM DIM Retrofit CL A GL FR 75 827	4058075**101050**	8.5	75 W	1055	2700	≥ 80	✓	105	60	15000	A++		3
NEW	PARATHOM DIM Retrofit CL A GL FR 75 840	4058075**107762**	8.5	75 W	1055	4000	≥ 80	✓	105	60	15000	A++		3
	OSRAM PARATHOM® DIM CLASSIC A dimmable[1] – E27, 220-240 V | 100 W replacement													GLASS DESIGN, 5 year guarantee [5]
NEW	PARATHOM DIM Retrofit CL A GL FIL 100 827	4058075**149700**	12	100 W	1521	2700	≥ 80	✓	133	70	15000	A++		5
NEW	PARATHOM DIM Retrofit CL A GL FR 100 827	4058075**149687**	12	100 W	1521	2700	≥ 80	✓	133	70	15000	A++		6
	OSRAM PARATHOM® DIM CLASSIC A dimmable[1] – B22d, 220-240 V | 60 W replacement													GLASS DESIGN, 5 year guarantee [5]
	PARATHOM DIM Retrofit CL A GL FIL 60 827	4058075**100916**	7.5	60 W	806	2700	≥ 80	✓	104	60	15000	A+		7
	PARATHOM DIM Retrofit CL A GL FR 60 827	4058075**100893**	7.5	60 W	806	2700	≥ 80	✓	104	60	15000	A+		8
	OSRAM PARATHOM® CLASSIC A – E27, 220-240 V | 40 W replacement													GLASS DESIGN, 4 year guarantee [5]
	PARATHOM Retrofit CL A GL FIL 40 827	4052899**961722**	4	40 W	470	2700	≥ 80	—	105	60	15000	A++		9
	PARATHOM Retrofit CL A GL FIL 40 840	4058075**817470**	4	40 W	470	4000	≥ 80	—	105	60	15000	A++		9
	PARATHOM Retrofit CL A GL FR 40 827	4058075**817135**	4	40 W	470	2700	≥ 80	—	105	60	15000	A++		3
	PARATHOM Retrofit CL A GL FR 40 840	4058075**808584**	4	40 W	470	4000	≥ 80	—	105	60	15000	A++		3
	OSRAM PARATHOM® CLASSIC A – E27, 220-240 V | 60 W replacement													GLASS DESIGN, 4 year guarantee [5]
	PARATHOM Retrofit CL A GL FIL 60 827	4052899**961654**	7	60 W	806	2700	≥ 80	—	105	60	15000	A++		1
	PARATHOM Retrofit CL A GL FIL 60 840	4058075**817173**	7	60 W	806	4000	≥ 80	—	105	60	15000	A++		1
	PARATHOM Retrofit CL A GL FR 60 827	4058075**817234**	7	60 W	806	2700	≥ 80	—	105	60	15000	A++		3
	PARATHOM Retrofit CL A GL FR 60 840	4058075**808416**	7	60 W	806	4000	≥ 80	—	105	60	15000	A++		3
	OSRAM PARATHOM® CLASSIC A – E27, 220-240 V | 75 W replacement													GLASS DESIGN, 4 year guarantee [5]
	PARATHOM Retrofit CL A GL FIL 75 827	4052899**961708**	8	75 W	1055	2700	≥ 80	—	105	60	15000	A++		4
	PARATHOM Retrofit CL A GL FIL 75 840	4058075**817456**	8	75 W	1055	4000	≥ 80	—	105	60	15000	A++		4
	PARATHOM Retrofit CL A GL FR 75 827	4058075**808362**	8	75 W	1055	2700	≥ 80	—	105	60	15000	A++		3
	PARATHOM Retrofit CL A GL FR 75 840	4058075**808379**	8	75 W	1055	4000	≥ 80	—	105	60	15000	A++		3
	OSRAM PARATHOM® CLASSIC A – E27, 220-240 V | 100 W replacement													GLASS DESIGN, 4 year guarantee [5]
	PARATHOM Retrofit CL A GL FIL 100 827	4058075**817159**	11	100 W	1521	2700	≥ 80	—	105	60	15000	A++		10
NEW	PARATHOM Retrofit CL A GL FIL 100 840	4058075**124622**	11	100 W	1521	4000	≥ 80	—	105	60	10000	A++		10
	PARATHOM Retrofit CL A GL FR 100 827	4058075**817210**	11	100 W	1521	2700	≥ 80	—	105	60	10000	A++		3
	OSRAM PARATHOM® CLASSIC A – E27, 220-240 V | 150 W replacement													GLASS DESIGN, 4 year guarantee [5]
NEW	PARATHOM Retrofit CL A GL FR 150 827	4058075**118294**	18	150 W	2500	2700	≥ 80	—	180	67	15000	A++		11
NEW	PARATHOM Retrofit CL A GL FR 150 840	4058075**118218**	18	150 W	2500	4000	≥ 80	—	180	67	15000	A++		11
	OSRAM PARATHOM® MIRROR CLASSIC A – E27, 220-240 V | 51 W replacement													GLASS DESIGN, 4 year guarantee [5]
NEW	PARATHOM CL A FIL Mirror Silver 51 827	4058075**114593**	7	51 W	650	2700	≥ 80	—	105	60	15000	A+		12
	OSRAM PARATHOM® CLASSIC A – B22d, 220-240 V | 40 W replacement													GLASS DESIGN, 4 year guarantee [5]
	PARATHOM Retrofit CL A GL FIL 40 827	4058075**061651**	4	40 W	470	2700	≥ 80	—	104	60	15000	A++		7
	PARATHOM Retrofit CL A GL FR 40 827	4058075**061736**	4	40 W	470	2700	≥ 80	—	104	60	15000	A++		8
	OSRAM PARATHOM® CLASSIC A – B22d, 220-240 V | 60 W replacement													GLASS DESIGN, 4 year guarantee [5]
	PARATHOM Retrofit CL A GL FIL 60 827	4058075**061675**	7	60 W	806	2700	≥ 80	—	104	60	15000	A++		7
	PARATHOM Retrofit CL A GL FR 60 827	4058075**061798**	7	60 W	806	2700	≥ 80	—	104	60	15000	A++		8

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LED LAMPS WITH CLASSIC BULB SHAPES



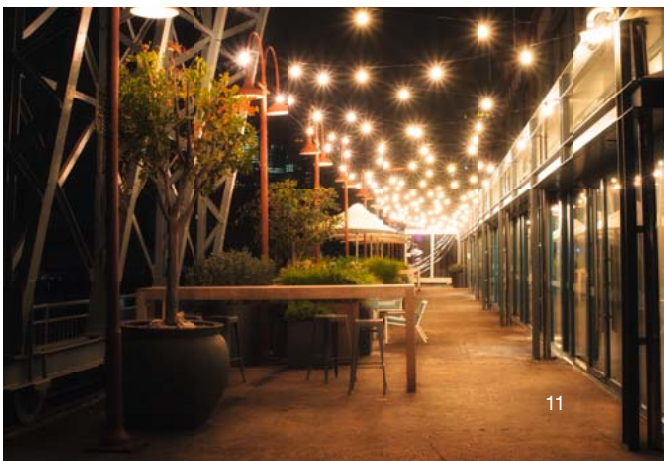
OSRAM PARATHOM® LED RETROFIT CLASSIC B (FILAMENT)

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
	OSRAM PARATHOM® PRO CLASSIC B dimmable[1] – E14, 220-240 V | 40 W replacement												GLASS DESIGN	5 year guarantee [5] CRI 97
NEW	PARATHOM PRO Retrofit CL B GL FIL 40 927	4058075**134522**	5	40 W	470	2700	97	✓	112	35	15000	A+		1
	OSRAM PARATHOM® DIM CLASSIC B dimmable[1] – E27, 220-240 V | 40 W replacement												GLASS DESIGN	5 year guarantee [5]
NEW	PARATHOM DIM Retrofit CL B GL FIL 40 827	4058075**116252**	5	40 W	470	2700	≥ 80	✓	93	35	15000	A+		2
	OSRAM PARATHOM® DIM CLASSIC B dimmable[1] – E14, 220-240 V | 25 W replacement												GLASS DESIGN	5 year guarantee [5]
NEW	PARATHOM DIM Retrofit CL B GL FIL 25 827	4058075**107540**	3.3	25 W	250	2700	≥ 80	✓	97	35	15000	A+		3
	PARATHOM DIM Retrofit CL B GL FR 25 827	4058075**101135**	3.3	25 W	250	2700	≥ 80	✓	97	35	15000	A+		4
	OSRAM PARATHOM® DIM CLASSIC B dimmable[1] – E14, 220-240 V | 40 W replacement												GLASS DESIGN	5 year guarantee [5]
	PARATHOM DIM Retrofit CL B GL FIL 40 827	4058075**101210**	5	40 W	470	2700	≥ 80	✓	97	35	15000	A+		1
	PARATHOM DIM Retrofit CL B GL FR 40 827	4058075**101197**	5	40 W	470	2700	≥ 80	✓	97	35	15000	A+		4
	OSRAM PARATHOM® DIM CLASSIC B dimmable[1] – E14, 220-240 V | 60 W replacement												GLASS DESIGN	5 year guarantee [5]
	PARATHOM DIM Retrofit CL B GL FR 60 827	4058075**101258**	6	60 W	806	2700	≥ 80	✓	118	35	15000	A++		5
	OSRAM PARATHOM® DIM CLASSIC B dimmable[1] – B22d, 220-240 V | 40 W replacement												GLASS DESIGN	4 year guarantee [5]
	PARATHOM DIM Retrofit CL B GL FR 40 827	4058075**101173**	5	40 W	470	2700	≥ 80	✓	92	35	15000	A+		6
	OSRAM PARATHOM® CLASSIC B – E27, 220-240 V | 40 W replacement												GLASS DESIGN	4 year guarantee [5]
NEW	PARATHOM Retrofit CL B GL FIL 40 827	4058075**114302**	4	40 W	470	2700	≥ 80	—	95	35	15000	A++		7
	OSRAM PARATHOM® CLASSIC B – E14, 220-240 V | 15 W replacement												GLASS DESIGN	4 year guarantee [5]
	PARATHOM Retrofit CL B GL FIL 15 827	4058075**814851**	1.4	15 W	136	2700	≥ 80	—	97	35	15000	A++		3
	OSRAM PARATHOM® CLASSIC B – E14, 220-240 V | 25 W replacement												GLASS DESIGN	4 year guarantee [5]
	PARATHOM Retrofit CL B GL FIL 25 827	4052899**961746**	2.5	25 W	250	2700	≥ 80	—	97	35	15000	A++		3
	PARATHOM Retrofit CL B GL FR 25 827	4052899**941762**	2.5	25 W	250	2700	≥ 80	—	97	35	15000	A++		4
	OSRAM PARATHOM® CLASSIC B – E14, 220-240 V | 40 W replacement												GLASS DESIGN	4 year guarantee [5]
	PARATHOM Retrofit CL B GL FIL 40 827	4052899**961661**	4	40 W	470	2700	≥ 80	—	97	35	15000	A++		1
NEW	PARATHOM Retrofit CL B GL FIL 40 840	4058075**114654**	4	40 W	470	4000	≥ 80	—	97	35	15000	A++		1
	PARATHOM Retrofit CL B GL FR 40 827	4052899**959194**	4	40 W	470	2700	≥ 80	—	97	35	15000	A++		4
	PARATHOM Retrofit CL BA GL FIL 40 827	4052899**961890**	4	40 W	470	2700	≥ 80	—	119	35	15000	A++		8
	PARATHOM Retrofit CL BW GL FIL 40 827	4052899**961913**	4	40 W	470	2700	≥ 80	—	97	35	15000	A++		9
	OSRAM PARATHOM® CLASSIC B – E14, 220-240 V | 60 W replacement												GLASS DESIGN	4 year guarantee [5]
NEW	PARATHOM Retrofit CL B GL FIL 60 827	4058075**116313**	6	60 W	806	2700	≥ 80	—	118	35	15000	A++		10
NEW	PARATHOM Retrofit CL B GL FR 60 827	4058075**116290**	6	60 W	806	2700	≥ 80	—	118	35	15000	A++		5
	OSRAM PARATHOM® CLASSIC B – B22d, 220-240 V | 25 W replacement												GLASS DESIGN	4 year guarantee [5]
	PARATHOM Retrofit CL B GL FIL 25 827	4058075**061750**	2.8	25 W	250	2700	≥ 80	—	91	35	15000	A++		11
	OSRAM PARATHOM® CLASSIC B – B22d, 220-240 V | 40 W replacement												GLASS DESIGN	4 year guarantee [5]
	PARATHOM Retrofit CL B GL FIL 40 827	4058075**061774**	4	40 W	470	2700	≥ 80	—	94	35	15000	A++		11
	PARATHOM Retrofit CL B GL FR 40 827	4058075**061859**	4	40 W	470	2700	≥ 80	—	94	35	15000	A++		6

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OSRAM PARATHOM® LED RETROFIT CLASSIC (FILAMENT)

- High color rendering: PARATHOM® PRO portfolio up to CRI 97
- Main types as dimmable and clear & frosted version available
- Up to 2,452 lm (150 W replacement)
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs



LED LAMPS WITH CLASSIC BULB SHAPES



OSRAM PARATHOM® LED RETROFIT CLASSIC P/GLOBE/EDISON (FILAMENT)

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
	OSRAM PARATHOM® PRO CLASSIC P dimmable[1] – E27, 220-240 V | 40 W replacement													
NEW	PARATHOM PRO Retrofit CL P GL FIL 40 927	4058075**134560**	5	40 W	470	2700	97	✓	80	45	15000	A+		1
	OSRAM PARATHOM® PRO CLASSIC P dimmable[1] – E14, 220-240 V | 40 W replacement													
NEW	PARATHOM PRO Retrofit CL P GL FIL 40 927	4058075**134546**	5	40 W	470	2700	97	✓	105	45	15000	A+		2
	OSRAM PARATHOM® DIM CLASSIC P dimmable[1] – E27, 220-240 V | 25, 40 W replacement													
	PARATHOM DIM Retrofit CL P GL FR 25 827	4058075**101333**	3.3	25 W	250	2700	≥ 80	✓	77	45	15000	A+		3
	PARATHOM DIM Retrofit CL P GL FIL 40 827	4058075**101456**	5	40 W	470	2700	≥ 80	✓	77	45	15000	A+		4
	PARATHOM DIM Retrofit CL P GL FR 40 827	4058075**101432**	5	40 W	470	2700	≥ 80	✓	77	45	15000	A+		3
	OSRAM PARATHOM® DIM CLASSIC P dimmable[1] – E14, 220-240 V | 25, 40, 60 W replacement													
NEW	PARATHOM DIM Retrofit CL P GL FIL 25 827	4058075**108165**	3.3	25 W	250	2700	≥ 80	✓	78	45	15000	A+		5
	PARATHOM DIM Retrofit CL P GL FR 25 827	4058075**101319**	3.3	25 W	250	2700	≥ 80	✓	78	45	15000	A+		6
	PARATHOM DIM Retrofit CL P GL FIL 40 827	4058075**101418**	5	40 W	470	2700	≥ 80	✓	78	45	15000	A+		7
	PARATHOM DIM Retrofit CL P GL FR 40 827	4058075**101395**	5	40 W	470	2700	≥ 80	✓	78	45	15000	A+		6
	PARATHOM DIM Retrofit CL P GL FR 60 827	4058075**101494**	6	60 W	806	2700	≥ 80	✓	110	45	15000	A++		8
	OSRAM PARATHOM® DIM CLASSIC P dimmable[1] – B22d, 220-240 V | 40 W replacement													
	PARATHOM DIM Retrofit CL P GL FR 40 827	4058075**101371**	5	40 W	470	2700	≥ 80	✓	76	45	15000	A+		9
	OSRAM PARATHOM® CLASSIC P – E27, 220-240 V | 15, 25, 40, 60 W replacement													
	PARATHOM Retrofit CL P GL FIL 15 827	4058075**815117**	1.4	15 W	136	2700	≥ 80	—	77	45	15000	A++		4
	PARATHOM Retrofit CL P GL FIL 25 827	4052899**961838**	2.5	25 W	250	2700	≥ 80	—	77	45	15000	A++		4
	PARATHOM Retrofit CL P GL FR 25 827	4058075**815155**	2.5	25 W	250	2700	≥ 80	—	77	45	15000	A++		3
	PARATHOM Retrofit CL P GL FR 40 827	4052899**959361**	4	40 W	470	2700	≥ 80	—	78	45	15000	A++		3
NEW	PARATHOM Retrofit CL P GL FIL 60 827	4058075**108424**	6	60 W	806	2700	≥ 80	—	85	45	15000	A++		1
	OSRAM PARATHOM® CLASSIC P – E14, 220-240 V | 15, 25, 40, 60 W replacement													
	PARATHOM Retrofit CL P GL FIL 15 827	4058075**815094**	1.4	15 W	136	2700	≥ 80	—	78	45	15000	A++		5
	PARATHOM Retrofit CL P GL FIL 25 827	4052899**961791**	2.5	25 W	250	2700	≥ 80	—	78	45	15000	A++		5
	PARATHOM Retrofit CL P GL FR 25 827	4052899**959330**	2.5	25 W	250	2700	≥ 80	—	78	45	15000	A++		6
	PARATHOM Retrofit CL P GL FIL 40 827	4052899**961777**	4	40 W	470	2700	≥ 80	—	78	45	15000	A++		2
NEW	PARATHOM Retrofit CL P GL FIL 40 840	4058075**112483**	4	40 W	470	4000	≥ 80	—	78	45	15000	A++		2
	PARATHOM Retrofit CL P GL FR 40 827	4052899**959323**	4	40 W	470	2700	≥ 80	—	78	45	15000	A++		6
NEW	PARATHOM Retrofit CL P GL FIL 60 827	4058075**108363**	6	60 W	806	2700	≥ 80	—	110	45	15000	A++		10
NEW	PARATHOM Retrofit CL P GL FR 60 827	4058075**108325**	6	60 W	806	2700	≥ 80	—	110	45	15000	A++		8
	OSRAM PARATHOM® MIRROR CLASSIC P – E14, 220-240 V | 34 W replacement													
	PARATHOM CL P FIL Mirror Silver 34 827	4058075**815131**	4	34 W	380	2700	≥ 80	—	78	45	15000	A+		11
	OSRAM PARATHOM® CLASSIC P – B22d, 220-240 V | 40 W replacement													
	PARATHOM Retrofit CL P GL FR 40 827	4058075**061873**	4	40 W	470	2700	≥ 80	—	76	45	15000	A++		9
	OSRAM PARATHOM® DIM GLOBE dimmable[1] – E27, 220-240 V | 100 W replacement													
NEW	PARATHOM DIM Retrofit CL GLOBE125 GL FR 100 827	4058075**112322**	12	100 W	1521	2700	≥ 80	✓	150	95	15000	A++		12
	OSRAM PARATHOM® DIM GLOBE dimmable[1] – E27, 220-240 V | 75 W replacement													
NEW	PARATHOM DIM Retrofit CL GLOBE95 GL FR 75 827	4058075**112285**	8.5	75 W	1055	2700	≥ 80	✓	140	95	15000	A++		13
	OSRAM PARATHOM® GLOBE – E27, 220-240 V | 25, 40, 60 W replacement													
	PARATHOM Retrofit CL GLOBE125 GL FIL 25 827	4052899**962101**	2.5	25 W	250	2700	≥ 80	—	178	125	15000	A+		14
	PARATHOM Retrofit CL GLOBE125 GL FIL 40 827	4052899**972797**	4.5	40 W	470	2700	≥ 80	—	178	125	15000	A++		15
	PARATHOM Retrofit CL GLOBE125 GL FIL 60 827	4052899**972773**	7	60 W	806	2700	≥ 80	—	178	125	15000	A++		15
	OSRAM PARATHOM® GLOBE – E27, 220-240 V | 60, 100 W replacement													
	PARATHOM Retrofit CL GLOBE95 GL FR 100 827	4052899**959231**	7	60 W	806	2700	≥ 80	—	140	95	15000	A++		13
	PARATHOM Retrofit CL GLOBE95 GL FR 100 827	4058075**815810**	11.5	100 W	1521	2700	≥ 80	—	140	95	15000	A++		13
	OSRAM PARATHOM® EDISON – E27, 220-240 V | 25, 40, 60 W replacement													
	PARATHOM Retrofit CL Edison GL FIL 25 827	4052899**962125**	2.5	25 W	250	2700	≥ 80	—	140	64	15000	A++		16
	PARATHOM Retrofit CL Edison GL FIL 40 827	4052899**972810**	4.5	40 W	470	2700	≥ 80	—	140	64	15000	A++		17
	PARATHOM Retrofit CL Edison GL FIL 60 827	4052899**972834**	7	60 W	806	2700	≥ 80	—	140	64	15000	A++		17

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LED LAMPS WITH CLASSIC BULB SHAPES



OSRAM PARATHOM® LED CLASSIC A/B/P/STICK (HEATSINK)

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® DIM CLASSIC A dimmable[1] – E27, 220-240 V | 60, 75, 100, 150 W replacement														5 year guarantee [5]
	PARATHOM DIM CL A FR 60 827	4058075**100855**	9	60 W	806	2700	≥ 80	✓	112	60	25000	A+		1
	PARATHOM DIM CL A FR 75 827	4058075**100992**	10.5	75 W	1055	2700	≥ 80	✓	115	60	25000	A+		1
	PARATHOM DIM CL A FR 100 827	4058075**101098**	14	100 W	1521	2700	≥ 80	✓	134	70	25000	A+		2
	PARATHOM DIM CL A FR 150 827	4058075**147072**	21	150 W	2452	2700	≥ 80	✓	143	67	25000	A+		3
OSRAM PARATHOM® CLASSIC A – E27, 220-240 V | 40, 60, 75, 100, 150 W replacement														4 year guarantee [5]
	PARATHOM CL A FR 40 827	4058075**027091**	5.5	40 W	470	2700	≥ 80	—	112	60	15000	A+		4
	PARATHOM CL A FR 40 840	4058075**027114**	5.5	40 W	470	4000	≥ 80	—	112	60	15000	A+		4
	PARATHOM CL A FR 60 827	4058075**027053**	8.5	60 W	806	2700	≥ 80	—	112	60	15000	A+		4
	PARATHOM CL A FR 60 840	4058075**027077**	8.5	60 W	806	4000	≥ 80	—	112	60	15000	A+		4
	PARATHOM CL A FR 75 827	4058075**026995**	10	75 W	1060	2700	≥ 80	—	115	60	15000	A+		4
	PARATHOM CL A FR 75 840	4058075**027015**	10	75 W	1055	4000	≥ 80	—	115	60	15000	A+		4
	PARATHOM CL A FR 100 827	4058075**041066**	14	100 W	1521	2700	≥ 80	—	120	60	15000	A+		2
	PARATHOM CL A FR 100 840	4058075**041080**	13	100 W	1521	4000	≥ 80	—	120	60	15000	A+		2
	PARATHOM CL A FR 150 827	4052899**959125**	20	150 W	2452	2700	≥ 80	—	143	67	15000	A+		3
OSRAM PARATHOM® CLASSIC A – B22d, 220-240 V | 60 W replacement														2 year guarantee [5]
	PARATHOM CL A FR 60 827	4058075**061637**	9	60 W	806	2700	≥ 80	—	109	60	15000	A+		5
OSRAM PARATHOM® DIM CLASSIC B dimmable[1] – E14, 220-240 V | 40 W replacement														5 year guarantee [5]
	PARATHOM DIM CL B FR 40 827	4058075**101159**	5.7	40 W	470	2700	≥ 80	✓	106	35	25000	A+		6
OSRAM PARATHOM® CLASSIC B – E14, 220-240 V | 40, 60 W replacement														4 year guarantee [5]
	PARATHOM CL B FR 40 827	4052899**961951**	5.7	40 W	470	2700	≥ 80	—	108	37	15000	A+		7
NEW	PARATHOM CL B FR 60 827	4058075**127210**	7	60 W	806	2700	≥ 80	—	114	39	15000	A+		8
OSRAM PARATHOM® CLASSIC B – B22d 220-240 V | 60 W replacement														2 year guarantee [5]
	PARATHOM CL B FR 40 827	4058075**061613**	5	40 W	470	2700	≥ 80	—	106	37	15000	A+		9
OSRAM PARATHOM® DIM CLASSIC P dimmable[1] – E14, 220-240 V | 40 W replacement														5 year guarantee [5]
	PARATHOM DIM CL P FR 40 827	4058075**147935**	5.3	40 W	470	2700	≥ 80	✓	78	45	25000	A+		10
OSRAM PARATHOM® CLASSIC P – E27, 220-240 V | 60 W replacement														4 year guarantee [5]
NEW	PARATHOM CL P FR 60 827	4058075**127272**	7.5	60 W	806	2700	≥ 80	—	93	45	15000	A+		11
OSRAM PARATHOM® CLASSIC P – E14, 220-240 V | 40, 60 W replacement														4 year guarantee [5]
	PARATHOM CL P FR 40 827	4058075**147874**	6	40 W	470	2700	≥ 80	—	82	45	15000	A+		12
NEW	PARATHOM CL P FR 60 827	4058075**127197**	8	60 W	806	2700	≥ 80	—	90	45	15000	A+		13
OSRAM PARATHOM® STICK – E27, 220-240 V | 60, 75 W replacement														4 year guarantee [5]
NEW	PARATHOM CL STICK FR 60 827	4058075**125841**	8	60 W	806	2700	≥ 80	—	115	37.2	15000	A+		14
NEW	PARATHOM CL STICK FR 60 840	4058075**125780**	8	60 W	806	4000	≥ 80	—	115	37.2	15000	A+		14
NEW	PARATHOM CL STICK FR 75 827	4058075**125827**	10	75 W	1055	2700	≥ 80	—	115	37.2	15000	A+		14
NEW	PARATHOM CL STICK FR 75 840	4058075**125803**	10	75 W	1055	4000	≥ 80	—	115	37.2	15000	A+		14

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OSRAM PARATHOM® LED CLASSIC (HEATSINK)

- Very long lifetime of up to 25,000 hours[2]
- High color stability thanks to narrow binning (SDCM)
- Robust against vibrations
- Also available as dimmable version
- Simple replacement for classic lamps thanks to compact design
- New stick version available



LED LAMPS WITH CLASSIC BULB SHAPES

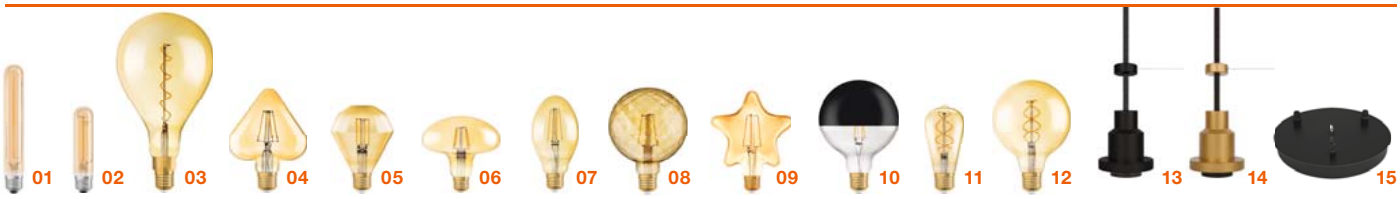


OSRAM LED VINTAGE EDITION 1906 (FILAMENT)

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LED VINTAGE EDITION 1906 CLASSIC A – E27, 220-240 V | 13, 35, 36, 55, 68 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL A FIL GOLD 13 825	4058075**119147**	1.4	13 W	120	2500	≥ 80	—	105	60	15000	A++		1
NEW	Vintage 1906 LED CL A FIL GOLD 35 825	4058075**119185**	4	35 W	410	2500	≥ 80	—	105	60	15000	A+		1
NEW	Vintage 1906 LED CL A FIL GOLD 36 825	4058075**119246**	4.5	36 W	420	2500	≥ 80	—	105	60	15000	A+		2
NEW	Vintage 1906 LED CL A FIL GOLD 55 825	4058075**119260**	7	55 W	725	2500	≥ 80	—	105	60	15000	A+		2
NEW	Vintage 1906 LED CL A FIL GOLD 68 825	4058075**119307**	8	68 W	950	2500	≥ 80	—	105	60	15000	A++		2
OSRAM LED VINTAGE EDITION 1906 CLASSIC B – E14, 220-240 V | 12, 22, 36 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL B FIL GOLD 13 825	4058075**119345**	1.4	12 W	120	2500	≥ 80	—	97	35	15000	A++		3
NEW	Vintage 1906 LED CL B FIL GOLD 22 825	4058075**119369**	2.5	22 W	225	2500	≥ 80	—	95	35	15000	A++		3
NEW	Vintage 1906 LED CL B FIL GOLD 36 825	4058075**119383**	4.5	36 W	420	2500	≥ 80	—	97	35	15000	A+		4
OSRAM LED VINTAGE EDITION 1906 CLASSIC BA – E14, 220-24 V | 13, 22 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL BA FIL GOLD 13 825		1.4	13 W	220	2500	≥ 80	—	125	35	15000	A++		5
NEW	Vintage 1906 LED CL BA FIL GOLD 22 825	4058075**119444**	2.5	22 W	225	2500	≥ 80	—	125	35	15000	A++		5
OSRAM LED VINTAGE EDITION 1906 CLASSIC BW – E14, 220-240 V | 13, 22 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL BW FIL GOLD 13 825	4058075**119482**	1.4	13 W	120	2500	≥ 80	—	97	35	15000	A++		6
NEW	Vintage 1906 LED CL BW FIL GOLD 22 825	4058075**119505**	2.5	22 W	220	2500	≥ 80	—	97	35	15000	A++		6
OSRAM LED VINTAGE EDITION 1906 CLASSIC P – E14, 220-240 V | 13, 22, 36 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL P FIL GOLD 13 825	4058075**119543**	1.4	13 W	120	2500	≥ 80	—	78	45	15000	A++		7
NEW	Vintage 1906 LED CL P FIL GOLD 22 825	4058075**119567**	2.5	22 W	220	2500	≥ 80	—	77	45	15000	A+		7
NEW	Vintage 1906 LED CL P FIL GOLD 36 825	4058075**119581**	4.5	36 W	420	2500	≥ 80	—	78	45	15000	A+		8
OSRAM LED VINTAGE EDITION 1906 EDISON dimmable[1] – E27, 220-240 V | 55 W replacement														GLASS DESIGN, 4 year guarantee [5]
	Vintage 1906 LED DIM CL EDISON FIL GOLD 825	4052899**972360**	7.5	55 W	725	2500	≥ 80	✓	140	64	15000	A+		9
OSRAM LED VINTAGE EDITION 1906 EDISON – E27, 220-240 V I 22, 36 W replacement														GLASS DESIGN, 3 year guarantee [5]
	Vintage 1906 LED CL EDISON FIL GOLD 22 825	4058075**808706**	2.5	22 W	225	2500	≥ 80	—	140	64	15000	A++		9
	Vintage 1906 LED CL EDISON FIL GOLD 36 825	4052899**962095**	4.5	36 W	420	2500	≥ 80	—	140	64	15000	A+		9
OSRAM LED VINTAGE EDITION 1906 GLOBE dimmable[1] – E27, 220-240 V I 55 W replacement														GLASS DESIGN, 4 year guarantee [5]
	Vintage 1906 LED DIM CL GLOBE125 FIL GOLD 55 825	4058075**808997**	7.5	55 W	725	2500	≥ 80	✓	178	125	15000	A+		10
OSRAM LED VINTAGE EDITION 1906 GLOBE – E27, 220-240 V | 22, 36, 55 W replacement														GLASS DESIGN, 3 year guarantee [5]
	Vintage 1906 LED CL GLOBE125 FIL GOLD 22 825	4058075**808980**	2.5	22 W	225	2500	≥ 80	—	178	125	15000	A+		10
	Vintage 1906 LED CL GLOBE125 FIL GOLD 36 825	4052899**962071**	4.5	36 W	420	2500	≥ 80	—	178	125	15000	A+		10
	Vintage 1906 LED CL GLOBE125 FIL GOLD 55 825	4058075**809406**	7	55 W	725	2500	≥ 80	—	178	125	15000	A+		10
OSRAM LED VINTAGE EDITION 1906 GLOBE – E27, 220-240 V | 28 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL GLOBE200 FIL GOLD 28 820	4058075**092013**	5	28 W	300	2000	≥ 80	—	283	200	15000	A		11

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LED LAMPS WITH CLASSIC BULB SHAPES



OSRAM LED VINTAGE EDITION 1906 (FILAMENT)

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LED VINTAGE EDITION 1906 TUBULAR dimmable[1] – E27, 220-240 V | 35 W replacement														GLASS DESIGN, 4 year guarantee [5]
NEW	Vintage 1906 LED DIM CL TUBULAR FIL GOLD 35 824	4058075**114449**	4.5	35 W	400	2400	≥ 80	✓	204	29	15000	A+		1
OSRAM LED VINTAGE EDITION 1906 TUBULAR – E27, 220-240 V | 20, 35 W replacement														GLASS DESIGN, 3 year guarantee [5]
	Vintage 1906 LED CL TUBULAR FIL GOLD 20 824	4058075**808171**	2.8	20 W	200	2400	≥ 80	—	138	29	15000	A+		2
	Vintage 1906 LED CL TUBULAR FIL GOLD 35 824	4058075**808188**	4	35 W	400	2400	≥ 80	—	204	29	15000	A++		1
OSRAM LED VINTAGE EDITION 1906 SPECIAL SHAPES – E27, 220-240 V | 28 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL A160 FIL GOLD 28 820	4058075**091993**	5	28 W	300	2000	≥ 80	—	290	160	15000	A		3
OSRAM LED VINTAGE EDITION 1906 SPECIAL SHAPES – E27, 220-240 V | 40 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL HEART FIL GOLD 40 825	4058075**092099**	4.5	40 W	470	2500	≥ 80	—	165	125	15000	A+		4
NEW	Vintage 1906 LED CL DIAMOND FIL GOLD 40 825	4058075**091955**	4.5	40 W	420	2500	≥ 80	—	140	110	15000	A+		5
NEW	Vintage 1906 LED CL MUSHROOM FIL GOLD 40 825	4058075**092051**	4.5	40 W	470	2500	≥ 80	—	122	120	15000	A+		6
NEW	Vintage 1906 LED CL OVAL FIL GOLD 40 825	4058075**091979**	4.5	40 W	470	2500	≥ 80	—	156	75	15000	A+		7
NEW	Vintage 1906 LED CL PINECONE FIL GOLD 40 825	4058075**092037**	4.5	40 W	470	2500	≥ 80	—	168	125	15000	A+		8
NEW	Vintage 1906 LED CL STAR FIL GOLD 40 825	4058075**092075**	4.5	40 W	470	2500	≥ 80	—	165	125	15000	A+		9
OSRAM LED VINTAGE EDITION 1906 SPECIAL SHAPES – E27, 220-240 V | 52 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL GLOBE125 MIRROR BLACK 52 827	4058075**091931**	7	52 W	680	2700	≥ 80	—	178	125	15000	A+		10
OSRAM LED VINTAGE EDITION 1906 SPIRAL FILAMENT – E27, 220-240 V | 25 W replacement														GLASS DESIGN, 3 year guarantee [5]
NEW	Vintage 1906 LED CL EDISON FIL GOLD 25 820	4058075**092112**	5	25 W	250	2000	≥ 80	—	140	64	15000	A		11
NEW	Vintage 1906 LED CL GLOBE125 FIL GOLD 25 820	4058075**092136**	5	25 W	250	2000	≥ 80	—	178	125	15000	A		12

LEDVANCE LED VINTAGE EDITION 1906 Pendulum Pro/Canopy

Product name	GTIN (EAN)	W	[mm]	d [mm]		Cable length (mm)	RRP [EUR] [4]	No.
LEDVANCE LED VINTAGE EDITION 1906 Pendulum Pro – E27, 220-240 V								
Vintage 1906 PenduLum Pro Black	4058075**153844**	max. 60	84 +/-3	68+/-3	E27	3000		13
Vintage 1906 PenduLum Pro Gold	4058075**153868**	max. 60	84 +/-3	68 +/-3	E27	3000		14
Vintage 1906 PenduLum Canopy Black	4058075**116917**	—	25	200	—	—		15

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OSRAM LED VINTAGE EDITION 1906

- Extended portfolio with new additional decor shapes: Mushroom, Diamond, Pinecone, Big Globe, Big Grape, etc.
- Edison, Globe and Tubular shape available as dimmable version
- Atmospheric warm and cozy light with cutting-edge LED technology
- Innovative spiral filaments
- Up to 80 % energy cost savings[6]



LED LAMPS WITH SPECIAL FUNCTIONS



OSRAM PARATHOM®+ CLASSIC GLOWdim

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM®+ CLASSIC A GLOWdim – E27, 220-240 V														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ CL A GLOWdim GL FIL 40 827	4058075**808539**	4.5	40 W	470	2700–2200	≥80	✓	114	60	15000	A++		1
	PARATHOM+ CL A GLOWdim GL FIL 60 827	4058075**801417**	7	60 W	806	2700–2200	≥80	✓	114	60	15000	A++		1
OSRAM PARATHOM®+ CLASSIC GLOBE GLOWdim – E27, 220-240 V														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ CL GLOBE125 GLOWdim GL FIL 60 827	4058075**808959**	7	60 W	806	2700–2200	≥80	✓	190	124	15000	A++		2
OSRAM PARATHOM®+ CLASSIC B GLOWdim – E14, 220-240 V														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ CL B GLOWdim GL FIL 40 827	4058075**808157**	4.5	40 W	470	2700–2200	≥80	✓	118	35	15000	A++		3
OSRAM PARATHOM®+ CLASSIC BA GLOWdim – E14, 220-240 V														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ CL BA GLOWdim GL FIL 40 827	4058075**815056**	4.5	40 W	470	2700–2200	≥80	✓	141	35	15000	A++		4
OSRAM PARATHOM®+ CLASSIC P GLOWdim – E14, 220-240 V														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ CL P GLOWdim GL FIL 40 827	4058075**809062**	4.5	40 W	470	2700–2200	≥80	✓	110	45	15000	A++		5

OSRAM PARATHOM®+ Spot GLOWdim

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM®+ PAR16 Spot GLOWdim – GU10, 36°, 220-240 V														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ PAR16 GLOWdim 50 827	4058075**105379**	4.6	50 W	350	2700–1800	≥80	✓	54	50	25000	A+		6
OSRAM PARATHOM®+ MR16 Spot GLOWdim – GU5.3, 36°, 12 V [5]														GLASS DESIGN, 5 year guarantee [6]
	PARATHOM+ MR16 GLOWdim 35 827	4058075**105355**	5.2	35 W	350	2700–1800	≥80	✓	44	50	25000	A+		7
OSRAM PARATHOM®+ AR111 Spot GLOWdim – G5.3, 24°/ 40°, 12 V [5]														5 year guarantee [6], CRI 90
	PARATHOM PRO AR111 GLOWdim 50 24° 927	4058075**104891**	12	50 W	650	2700–1800	≥90	✓	55	111	40000	A		8
	PARATHOM PRO AR111 GLOWdim 50 40° 927	4058075**104952**	12	50 W	650	2700–1800	≥90	✓	55	111	40000	A		8

OSRAM PARATHOM®+ Facility Lamp

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM®+ CLASSIC A Facility Lamp – E27, 220-240 V														5 year guarantee [6]
NEW	PARATHOM+ CL A Facility FIL 60 827 [7]	4058075**162181**	6.5	60 W	806	2700	80	—	113	60	15000	A+		9
OSRAM PARATHOM®+ CLASSIC A Facility Lamp – E27, 220-240 V														5 year guarantee [6]
NEW	PARATHOM+ CL A Facility FR 60 827	4058075**125865**	8.5	60 W	806	2700	≥80	—	142	66	25000	A+		10
NEW	PARATHOM+ CL A Facility FR 75 827	4058075**125889**	9.5	75 W	1055	2700	≥80	—	142	66	25000	A+		11

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OSRAM PARATHOM®+ GLOWdim

- PAR16 and MR16 in full glass housing
- Provides extra warm light when dimming down
- Controllable directly via standard dimmer[1], no remote control required
- Easy combination with other GLOWdim products in one application

OSRAM PARATHOM®+ Facility Lamp

- Light even in case of power failure thanks to backup battery
- Very long life of up to 25,000 h[2]
- Immediately 100 % light, no warm-up time
- Variable use of DC, AC or battery voltage possible in one application

LED LAMPS WITH SPECIAL FUNCTIONS



OSRAM PARATHOM®+ CLASSIC A Daylight Sensor

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM®+ CLASSIC A Daylight Sensor – E27, 220-240 V														5 year guarantee [5]
NEW	PARATHOM+ CL A Daylight Sensor FIL 40 850[6]	4058075**162266**	4	40 W	470	5000	80	—	105	60	15000	A+		1
NEW	PARATHOM+ CL A Daylight Sensor FIL 60 850[6]	4058075**162228**	6	60 W	806	5000	80	—	113	60	15000	A+		1
OSRAM PARATHOM®+ CLASSIC A Daylight Sensor – E27, 220-240 V														5 year guarantee [5]
	PARATHOM+ CL A Daylight Sensor FR 40 827	4058075**100732**	5.2	40 W	470	2700	≥ 80	—	115	62	25000	A+		2
	PARATHOM+ CL A Daylight Sensor FR 60 827	4058075**100831**	8.5	60 W	806	2700	≥ 80	—	115	62	25000	A+		3
	PARATHOM+ CL A Daylight Sensor FR 75 827	4058075**101036**	11	75 W	1055	2700	≥ 80	—	115	62	25000	A+		3

OSRAM PARATHOM®+ CLASSIC Motion Sensor

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM®+ CLASSIC A Motion Sensor – E27, 220-240 V														5 year guarantee [5]
	PARATHOM+ CL A Motion Sensor FR 60 827	4058075**815711**	9	60 W	806	2700	≥ 80	—	116	60	25000	A+		4
	PARATHOM+ CL A Motion Sensor FR 75 827	4058075**815698**	11.5	75 W	1060	2700	≥ 80	—	126	60	25000	A+		5

OSRAM LED STAR+ Duo Click Dim

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LED STAR+ CLASSIC A Duo Click Dim – E27, 220-240 V														GLASS DESIGN, 4 year guarantee [5]
NEW	LED STAR+ CL A Duo Click Dim GL FIL 60 827	4058075**114166**	7	60 W	806	2700	≥ 80	—	105	60	15000	A++		6
OSRAM LED STAR+ CLASSIC B Duo Click Dim – E14, 220-240 V														GLASS DESIGN, 4 year guarantee [5]
NEW	LED STAR+ CL B Duo Click Dim GL FIL 40 827	4058075**114227**	4	40 W	470	2700	≥ 80	—	100	35	20000	A++		7
OSRAM LED STAR+ CLASSIC P Duo Click Dim – E14, 220-240 V														GLASS DESIGN, 4 year guarantee [5]
NEW	LED STAR+ CL P Duo Click Dim 2xDFIL 40 827	4058075**114326**	4	40 W	470	2700	≥ 80	—	78	45	15000	A++		8
OSRAM LED STAR+ CLASSIC A Duo Click Dim – E27, 220-240 V														4 year guarantee [5]
	LED STAR+ CL A Duo Click Dim FR 60 827	4058075**037557**	8	60 W	806	2700	≥ 80	—	108	60	25000	A+		9
OSRAM LED STAR+ CLASSIC B Duo Click Dim – E14, 220-240 V														4 year guarantee [5]
	LED STAR+ CL B Duo Click Dim FR 40 827	4058075**814912**	5.5	40 W	470	2700	≥ 80	—	103	35	25000	A+		10
OSRAM LED STAR+ CLASSIC P Duo Click Dim – E14, 220-240 V														4 year guarantee [5]
	LED STAR+ CL P Duo Click Dim FR 40 827	4058075**814974**	5.5	40 W	470	2700	≥ 80	—	87	35	25000	A+		11
OSRAM LED STAR+ PAR16 Duo Click Dim – GU10, 220-240 V														GLASS DESIGN, 4 year guarantee [5]
	LED STAR+ PAR16 Duo Click Dim GL 50 827	4058075**105614**	4.5	50 W	350	2700	≥ 80	—	54	50	15000	A+		12

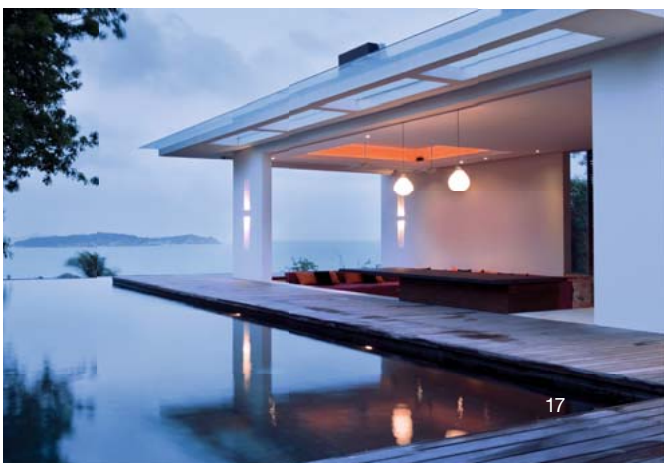
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OSRAM PARATHOM®+ Daylight Sensor

- Short payback time thanks to low energy consumption and maintenance costs
- Energy-saving solution thanks to automatic switch-off in daylight
- Greater safety thanks to automatic switch-on in the dark
- Light sensors detect daylight based on the spectral distribution

OSRAM PARATHOM®+ CLASSIC Motion Sensor

- Automatic lighting for greater safety and convenience
- Illumination threshold for automatic switch-on/switch-off: ≤ 10 lx)
- Detection distance around 3 meters
- Turns off after 15 seconds if no further movement is detected



LED LAMPS WITH SPECIAL FUNCTIONS



OSRAM LED RETROFIT STAR+ HD Lighting

Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LED STAR+ HD Lighting CLASSIC A – E27, 220-240 V													GLASS DESIGN · 4 year guarantee [5] · CRI 90
LED STAR+ Retrofit CL A CRI90 GL FR 60 927	4058075**813670**	7.5	60 W	806	2700	≥ 90	—	105	60	15000	A+		1
OSRAM LED STAR+ HD Lighting CLASSIC B – E14, 240 V													GLASS DESIGN · 4 year guarantee [5] · CRI 90
LED STAR+ Retrofit CL B CRI90 GL FR 40 927	4058075**813717**	5	40 W	470	2700	≥ 90	—	97	35	15000	A+		2
OSRAM LED STAR+ HD Lighting CLASSIC P – E14, 240 V													GLASS DESIGN · 4 year guarantee [5] · CRI 90
LED STAR+ Retrofit CL P CRI90 GL FR 40 927	4058075**813694**	5	40 W	470	2700	≥ 90	—	78	45	15000	A+		3

OSRAM LED STAR+ Active & Relax

Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LED RETROFIT STAR+ CLASSIC A Active & Relax – E27, 220-240 V													GLASS DESIGN · 4 year guarantee [5]
NEW LED STAR+ Retrofit CL A Act&Rel GL FIL 60 827	4058075**114180**	7	60 W	806	2700 & 4000	≥ 80	—	105	60	15000	A++		4
NEW LED STAR+ Retrofit CL A Act&Rel GL FIL 75 827	4058075**114203**	8	75 W	1055	2700 & 4000	≥ 80	—	105	60	15000	A++		5
OSRAM LED STAR+ CLASSIC B Active & Relax – E14, 220-240 V													GLASS DESIGN · 4 year guarantee [5]
NEW LED STAR+ Retrofit CL B Act&Rel GL FIL 44 827	4058075**114241**	5	44 W	600	2700 & 4000	≥ 80	—	100	35	15000	A++		6
OSRAM LED STAR+ CLASSIC P Active & Relax – E14, 240 V													GLASS DESIGN · 4 year guarantee [5]
NEW LED STAR+ Retrofit CL P Act&Rel GL FIL 44 827	4058075**114340**	5	44 W	600	2700 & 4000	≥ 80	—	78	45	15000	A++		7
OSRAM LED STAR+ CLASSIC A Active & Relax – E27, 240 V													4 year guarantee [5]
LED STAR+ CL A Act&Rel FR 60 827	4058075**037571**	8	60 W	806	2700 & 4000	≥ 80	—	108	60	25000	A+		8
LED STAR+ CL A Act&Rel FR 75 827	4058075**815896**	10.5	75 W	1055	2700 & 4000	≥ 80	—	112	60	25000	A+		9
OSRAM LED STAR+ CLASSIC B Active & Relax – E14, 240 V													4 year guarantee [5]
LED STAR+ CL B Act&Rel FR 40 827	4058075**814936**	5.5	40 W	470	2700 & 4000	≥ 80	—	105	35	25000	A+		10
OSRAM LED STAR+ CLASSIC P Active & Relax – E14, 240 V													4 year guarantee [5]
LED STAR+ CL P Act&Rel FR 40 827	4058075**813618**	5.5	40 W	470	2700 & 4000	≥ 80	—	86	45	25000	A+		11
OSRAM LED STAR+ PAR16 Active & Relax – GU10, 220-240 V													GLASS DESIGN · 4 year guarantee [5]
LED STAR+ PAR16 Act&Rel GL 50 827	4058075**105638**	5.2	50 W	350	2700 & 4000	≥ 80	—	54	50	15000	A+		12

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OSRAM LED STAR+ Active & Relax

- Creates individual lighting moods and supports biorhythms: Warm White (2,700 K) to relax, Cool White (4,000 K) for activity
- Simple color temperature change by double-clicking the wall switch
- Low energy consumption[6]
- Makes rooms multi-functional with adjustable lighting moods

LED LAMPS FOR SPECIAL APPLICATIONS



OSRAM PARATHOM® LED SPECIAL T26

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	l [mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® SPECIAL T26 – E14, 160°, 220-240 V														4 year guarantee [5]
	PARATHOM SPECIAL T26 FR 20 827	4052899**961289**	2.3	20 W	200	2700	≥ 80	—	63	25	15000	A++		1
	PARATHOM SPECIAL T26 FR 20 865	4052899**961302**	2.3	20 W	200	6500	≥ 80	—	63	25	15000	A++		1
OSRAM PARATHOM® SPECIAL T26 – E14, 320°, 220-240 V														2 year guarantee [5] / 4 year guarantee [7]
	PARATHOM SPECIAL T26 FIL 10 827	4058075**042384**	1.3	12 W	110	2700	≥ 80	—	63	26	8000	A++		2
NEW	PARATHOM SPECIAL T26 FIL 25 827	4058075**133471**	2.8	25 W	250	2700	≥ 80	—	63	26	10000	A++		3
NEW	PARATHOM SPECIAL T26 FIL 25 865	4058075**133426**	2.8	25 W	250	6500	≥ 80	—	63	26	10000	A++		3
NEW	PARATHOM SPECIAL T26 FIL 40 827	4058075**133525**	4	40 W	470	2700	≥ 80	—	80	25	15000	A++		4

OSRAM PARATHOM® LED PIN G9/GY6.35/G4

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	l [mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® DIM PIN G9 dimmable[1] – G9, 300°, 220-240 V														5 year guarantee [5]
	PARATHOM G9 PIN DIM 32 827	4058075**811553**	3.5	32 W	350	2700	≥ 80	✓	58	20	25000	A++		5
OSRAM PARATHOM® PIN G9 – G9, 300°, 220-240 V														4 year guarantee [5]
	PARATHOM G9 PIN CL 20 827	4058075**811454**	1.9	20 W	200	2700	≥ 80	—	46	15	15000	A++		6
	PARATHOM G9 PIN CL 30 827	4058075**811515**	2.6	30 W	320	2700	≥ 80	—	52	15	15000	A++		7
	PARATHOM G9 PIN CL 30 840	4058075**812697**	2.6	30 W	320	4000	≥ 80	—	52	15	15000	A++		7
	PARATHOM G9 PIN CL 40 827	4058075**811812**	3.8	40 W	470	2700	≥ 80	—	58	20	15000	A++		8
	PARATHOM G9 PIN CL 40 840	4058075**812710**	3.8	40 W	470	4000	≥ 80	—	58	20	15000	A++		8
OSRAM PARATHOM® PIN GY6.35 – GY6.35, 12 V[6]														4 year guarantee [5]
	PARATHOM GY6.35 PIN CL 30 827	4058075**812017**	2.4	28 W	300	2700	≥ 80	—	57	13	15000	A++		9
OSRAM PARATHOM® PIN G4 – G4, 12 V[6]														4 year guarantee [5]
	PARATHOM G4 PIN CL 10 827	4058075**811959**	0.9	10 W	100	2700	≥ 80	—	33	12	15000	A++		10
	PARATHOM G4 PIN CL 20 827	4058075**811430**	1.8	20 W	200	2700	≥ 80	—	36	13	15000	A++		11
	PARATHOM G4 PIN CL 30 827	4058075**811492**	2.4	28 W	300	2700	≥ 80	—	44	13	15000	A++		12

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OSRAM PARATHOM® SPECIAL T26

- New T26 LED lamps in filament style with 25 W and 40 W equivalence replacing DULUX® NANOTWIST and HALOLUX® T
- Multiple applications: decorative lighting, refrigerator, sewing machine

OSRAM PARATHOM® LED PIN G9/GY6.35/G4

- Great design with optimized light distribution
- G9 also available in dimmable version
- Ideal for decorative and free-burning applications
- For atmospheric lighting in shops, hotels and restaurants



LED LAMPS FOR SPECIAL APPLICATIONS



OSRAM PARATHOM® GX53

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® GX53 – GX53, 100°, 220-240 V														[5]
NEW	PARATHOM GX53 25 827	4058075**105591**	3.5	25 W	270	2700	≥ 80	—	31	75	15000	A+		1
	PARATHOM GX53 40 827	4058075**105577**	6	40 W	470	2700	≥ 80	—	31	75	15000	A+		1
	PARATHOM GX53 40 840	4058075**105553**	6	40 W	470	4000	≥ 80	—	31	75	15000	A+		1

OSRAM PARATHOM® LINE R7s

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM PARATHOM® DIM LINE R7s dimmable[1] – R7s, 300°, 220-240 V														[5]
	PARATHOM LINE 78 DIM R7s CL 75 827	4058075**811874**	8	75 W	1055	2700	≥ 80	✓	78	29	25000	A++		2
NEW	PARATHOM LINE 78 DIM R7s CL 100 827	4058075**169050**	11.5	100 W	1521	2700	≥ 80	✓	78	28	15000	A++		3
	PARATHOM LINE 118 DIM R7s CL 125 827	4058075**811850**	15	125 W	2000	2700	≥ 80	✓	118	29	25000	A++		4
OSRAM PARATHOM® LINE R7s – R7s, 300°, 220-240 V														[5]
	PARATHOM LINE R7s CL 60 827	4058075**812192**	7	60 W	806	2700	≥ 80	—	78	29	15000	A++		2
	PARATHOM LINE R7s CL 75 827	4058075**812178**	8	75 W	1055	2700	≥ 80	—	78	29	15000	A++		5
NEW	PARATHOM LINE R7s CL 100 827	4058075**169029**	11.5	100 W	1521	2700	≥ 80	—	78	28	15000	A++		3
	PARATHOM LINE R7s CL 100 827	4058075**812116**	12.5	100 W	1521	2700	≥ 80	—	118	29	15000	A++		4
	PARATHOM LINE R7s CL 125 827	4058075**812130**	15	125 W	2000	2700	≥ 80	—	118	29	15000	A++		4
NEW	PARATHOM LINE R7s CL 150 827	4058075**168992**	17.5	150 W	2452	2700	≥ 80	—	118	28	15000	A++		6

OSRAM LEDinestra®

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	[1]	[mm]	d [mm]	$t_{[h]}$ [2]	[3]	RRP [EUR] [4]	No.
OSRAM LEDinestra® dimmable[1] – S14d/s, 200°, 220-240 V														GLASS DESIGN, [5], MADE IN GERMANY
	OSRAM LEDinestra S14d DIM FR 25 827	4058075**135543**	4.5	25 W	250	2700	≥ 80	✓	300	29	25000	A		7
	OSRAM LEDinestra S14s DIM FR 25 827	4058075**135529**	4.5	25 W	250	2700	≥ 80	✓	300	29	25000	A		8
	OSRAM LEDinestra S14d DIM FR 40 827	4058075**135581**	7	40 W	470	2700	≥ 80	✓	500	29	25000	A		9
	OSRAM LEDinestra S14s DIM FR 40 827	4058075**135567**	7	40 W	470	2700	≥ 80	✓	500	29	25000	A		10
	OSRAM LEDinestra S14s DIM FR 75 827	4058075**135604**	15	75 W	1000	2700	≥ 80	✓	1000	29	25000	A		11
OSRAM LEDinestra® – S14d/s, 200°, 220-240 V														GLASS DESIGN, [5], MADE IN GERMANY
	OSRAM LEDinestra S14d FR 25 827	4058075**817753**	3.5	25 W	260	2700	> 80	—	300	29	15000	A+		7
	OSRAM LEDinestra S14s FR 25 827	4058075**817739**	3.5	25 W	260	2700	> 80	—	300	29	15000	A+		8
	OSRAM LEDinestra S14d FR 40 827	4058075**817791**	6	40 W	470	2700	> 80	—	500	29	15000	A+		9
	OSRAM LEDinestra S14s FR 40 827	4058075**817777**	6	40 W	470	2700	> 80	—	500	29	15000	A+		10

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] LED lamps can be operated with a wide variety of commercially available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there | [2] L70/B50 | [3] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [4] Recommended retail price excl. VAT | [5] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee



OSRAM PARATHOM® GX53

- Attractive frosted lens design
- Different light colors (2,700 and 4,000 K)

OSRAM PARATHOM® LED LINE R7s

- Now up to 2,452 lm (118 mm) and 1,521 lm (78 mm)
- Also available as dimmable version
- Good all-around light output

OSRAM LEDinestra®

- Direct replacement for Linestra incandescent lamps
- Made in Germany

LED LAMPS FOR SPECIAL APPLICATIONS



OSRAM HQL LED

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	l [mm]	d [mm]	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.	
OSRAM HQL LED Deco, AC mains – E27, 360°, 220-240 V													5 year guarantee [4]	
	OSRAM HQL LED DECO 2000	4052899**961555**	18	40W	2000	4000	≥80	166	70	32000	A+		1	
OSRAM HQL LED PRO Gen3, CCG & AC mains – E27, 360°, 220-240 V													5 year guarantee [4]	IP65
NEW	OSRAM HQL LED PRO 2700	4058075**124806**	23	50W	2700	2700	≥80	145	75	50000	A++		2	
	OSRAM HQL LED PRO 3000	4058075**124783**	23	50W	3000	4000	≥80	145	75	50000	A++		2	
NEW	OSRAM HQL LED PRO 3600	4058075**124844**	30	80W	3600	2700	≥80	170	75	50000	A++		3	
	OSRAM HQL LED PRO 4000	4058075**124820**	30	80W	4000	4000	≥80	170	75	50000	A++		3	
NEW	OSRAM HQL LED PRO 5400	4058075**124868**	46	125W	5400	2700	≥80	195	80	50000	A++		4	
	OSRAM HQL LED PRO 6000	4058075**127234**	46	125W	6000	4000	≥80	195	80	50000	A++		4	
OSRAM HQL LED PRO Gen3, CCG & AC mains – E40, 360°, 220-240 V													5 year guarantee [4]	IP65
NEW	OSRAM HQL LED PRO 5400	4058075**124967**	46	125W	5400	2700	≥80	204	80	50000	A++		5	
	OSRAM HQL LED PRO 6000	4058075**124943**	46	125W	6000	4000	≥80	204	80	50000	A++		5	
NEW	OSRAM HQL LED PRO 11700	4058075**125001**	95	250W	11700	2700	≥80	270	110	50000	A++		6	
NEW	OSRAM HQL LED PRO 13000	4058075**124981**	95	250W	13000	4000	≥80	270	110	50000	A++		6	
OSRAM HQL LED HIGHBAY, CCG & AC mains – E40, 360°, 220-240 V													5 year guarantee [4]	IP40
NEW	OSRAM HQL LED HIGHBAY 13000	4058075**135864**	95	250W	13000	4000	≥80	280	190	50000	A++		7	
NEW	OSRAM HQL LED HIGHBAY 20000	4058075**135888**	140	400W	20000	4000	≥80	310	230	50000	A++		8	

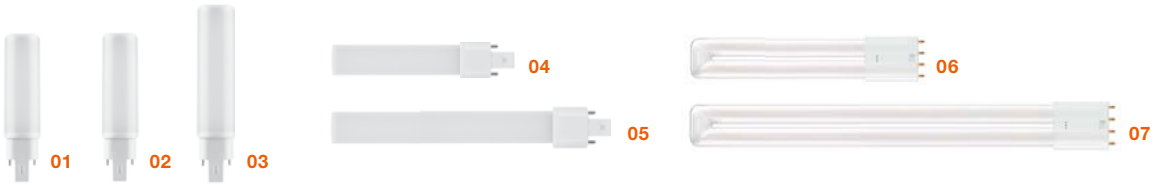
All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] L70/B50 | [2] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [3] Recommended retail price excl. VAT | [4] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee



OSRAM HQL LED

- The real retrofit for HQL lamps
- HQL LED PRO: the range for high lighting demands, up to 50,000 h[1] lifetime, IP65 and CCG compatibility
- All lamps also available with warm light (2,700 K)
- HQL LED HIGHBAY: LED replacement up to 50,000 h[1] lifetime, IP40 and CCG compatibility for traditional 250 W and 400 W HQL/HQI lamps in high-bay applications
- HQL LED DECO: LED replacement for traditional HQL lamps in decorative luminaires

LED LAMPS FOR SPECIAL APPLICATIONS



OSRAM DULUX® LED

	Product name	GTIN (EAN)	W	Replacement for	lm	K	R_a	l [mm]	d [mm]	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.
OSRAM DULUX® D[5], CCG & AC mains – G24d-1/2/3, 120°, 220-240 V													3 year guarantee [4]
NEW	OSRAM DULUX D 13 830	4058075**135086**	5	13 W	550	3000	≥ 80	148	35	30000	A++		1
NEW	OSRAM DULUX D 13 840	4058075**135109**	5	13 W	600	4000	≥ 80	148	35	30000	A++		1
	OSRAM DULUX D 18 830	4058075**024915**	7	18 W	640	3000	> 83	148	35	30000	A+		2
	OSRAM DULUX D 18 840	4058075**024939**	7	18 W	700	4000	> 83	148	35	30000	A+		2
	OSRAM DULUX D 26 830	4058075**024977**	10	26 W	920	3000	> 83	171	35	30000	A+		3
	OSRAM DULUX D 26 840	4058075**024991**	10	26 W	1000	4000	> 83	171	35	30000	A+		3
OSRAM DULUX® D/E[5], ECG & AC mains – G24q-2/3, 120°, 220-240 V													3 year guarantee [4]
NEW	OSRAM DULUX D/E 18 830	4058075**135208**	7	18 W	700	3000	> 80	148	35	30000	A+		2
NEW	OSRAM DULUX D/E 18 840	4058075**135222**	7	18 W	700	4000	> 80	148	35	30000	A+		2
NEW	OSRAM DULUX D/E 26 830	4058075**135246**	10	26 W	1000	3000	> 80	171	35	30000	A+		3
NEW	OSRAM DULUX D/E 26 840	4058075**135260**	10	26 W	1000	4000	> 80	171	35	30000	A+		3
OSRAM DULUX® S[6], CCG & AC mains – G23, 120°, 220-240 V													3 year guarantee [4]
NEW	OSRAM DULUX S 9 830	4058075**135284**	4.5	9 W	450	3000	> 80	166	33	30000	A+		4
NEW	OSRAM DULUX S 9 840	4058075**135307**	4.5	9 W	500	4000	> 80	166	33	30000	A+		4
NEW	OSRAM DULUX S 11 830	4058075**135321**	6	11 W	630	3000	> 80	237	33	30000	A+		5
NEW	OSRAM DULUX S 11 840	4058075**135345**	6	11 W	700	4000	> 80	237	33	30000	A++		5
OSRAM DULUX® L[5], ECG & AC mains – 2G11, 120°, 220-240 V												GLASS DESIGN	3 year guarantee [4]
NEW	OSRAM DULUX L 18 830	4058075**135369**	7	18 W	900	3000	≥ 80	229	44	30000	A++		6
NEW	OSRAM DULUX L 18 840	4058075**135383**	7	18 W	1000	4000	≥ 80	229	44	30000	A++		6
NEW	OSRAM DULUX L 36 830	4058075**135406**	18	36 W	2070	3000	≥ 80	413	44	30000	A+		7
NEW	OSRAM DULUX L 36 840	4058075**135420**	18	36 W	2300	4000	≥ 80	413	44	30000	A++		7

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] L70/B50 | [2] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [3] Recommended retail price excl. VAT | [4] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | [5] Only suitable for use in open luminaires in a horizontal burning position | [6] Only suitable in a horizontal burning position

Operation on ECG: please check compatibility at www.ledvance.com/ecg-compatibility



OSRAM DULUX® LED

- Direct replacement for conventional D, D/E, S and L type compact fluorescent lamps
- High efficiency of up to 140 lm/W
- OSRAM DULUX® L LED in full glass
- D & S: can be operated on CCG and AC mains
- D/E & L: can be operated on ECG and AC mains

LED TUBES



01

OSRAM SubstiTUBE® T8 Universal[5] – for ECG-, CCG- & AC mains

	Product name	GTIN (EAN)	l [mm]	W	lm	lm/W	K		R_a	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.	
OSRAM SubstiTUBE® T8 Advanced Ultra Output Universal Gen 8 – G13, 220-240 V – for premium applications													GLASS DESIGN	ULTRA OUTPUT 5 year guarantee [4]
	ST8AU-1.2m-15W-840-UN	4058075**137769**	1200	15	2400	160	4000	160	83	60000	A++		1	
	ST8AU-1.2m-15W-865-UN	4058075**137783**	1200	15	2400	160	6500	160	83	60000	A++		1	
	ST8AU-1.5m-23W-840-UN	4058075**137806**	1500	23	3700	160	4000	160	83	60000	A++		1	
	ST8AU-1.5m-23W-865-UN	4058075**137820**	1500	23	3700	160	6500	160	83	60000	A++		1	
OSRAM SubstiTUBE® T8 Advanced Universal Gen 8 – G13, 220-240 V – for sophisticated applications													GLASS DESIGN	5 year guarantee [4]
NEW	ST8A-0.6m-7,5W-830-UN	4058075**137585**	600	7.5	1000	133	3000	160	83	50000	A++		1	
NEW	ST8A-0.6m-7,5W-840-UN	4058075**137608**	600	7.5	1100	146	4000	160	83	50000	A++		1	
NEW	ST8A-0.6m-7,5W-865-UN	4058075**137622**	600	7.5	1100	146	6500	160	83	50000	A++		1	
NEW	ST8A-1.2m-14W-830-UN	4058075**137646**	1200	14	1900	135	3000	160	83	50000	A++		1	
NEW	ST8A-1.2m-14W-840-UN	4058075**137660**	1200	14	2100	150	4000	160	83	50000	A++		1	
NEW	ST8A-1.2m-14W-865-UN	4058075**137684**	1200	14	2100	150	6500	160	83	50000	A++		1	
NEW	ST8A-1.5m-20W-830-UN	4058075**137707**	1500	20	2800	140	3000	160	83	50000	A++		1	
NEW	ST8A-1.5m-20W-840-UN	4058075**137721**	1500	20	3100	155	4000	160	83	50000	A++		1	
NEW	ST8A-1.5m-20W-865-UN	4058075**137745**	1500	20	3100	155	6500	160	83	50000	A++		1	
OSRAM SubstiTUBE® T8 Value Universal Gen 8 – G13, 220-240 V – for standard applications													GLASS DESIGN	3 year guarantee [4]
NEW	ST8V-0.6m-8W-830-UN	4058075**137400**	600	8	720	90	3000	160	≥80	30000	A+		1	
NEW	ST8V-0.6m-8W-840-UN	4058075**137424**	600	8	800	100	4000	160	≥80	30000	A+		1	
NEW	ST8V-0.6m-8W-865-UN	4058075**137448**	600	8	800	100	6500	160	≥80	30000	A+		1	
NEW	ST8V-1.2m-16W-830-UN	4058075**137462**	1200	16	1550	96	3000	160	≥80	30000	A+		1	
NEW	ST8V-1.2m-16W-840-UN	4058075**137486**	1200	16	1700	106	4000	160	≥80	30000	A+		1	
NEW	ST8V-1.2m-16W-865-UN	4058075**137509**	1200	16	1700	106	6500	160	≥80	30000	A+		1	
NEW	ST8V-1.5m-19W-830-UN	4058075**137523**	1500	19	1800	94	3000	160	≥80	30000	A+		1	
NEW	ST8V-1.5m-19W-840-UN	4058075**137547**	1500	19	2000	105	4000	160	≥80	30000	A+		1	
NEW	ST8V-1.5m-19W-865-UN	4058075**137561**	1500	19	2000	105	6500	160	≥80	30000	A+		1	

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] L70/B50 | [2] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [3] Recommended retail price excl. VAT. | [4] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | [5] Preliminary data/expected availability November 2018

Operation on ECG: please check compatibility at www.ledvance.com/ecg-compatibility

OSRAM SubstiTUBE® T8 Universal

- All-in-one tube fits in ECG and CCG luminaires
- Advanced Ultra Output and Advanced portfolio with shatterproof protection film
- Extended portfolio (Advanced Ultra Output, Advanced, Value)
- Complete portfolio in glass design
- Extremely long lifetime up to 60,000 hours[1]



LED TUBES



01



02

OSRAM SubstiTUBE® T8 Advanced Ultra Output Connected[5] – for CCG- & AC mains

Product name	GTIN (EAN)	l [mm]	W	lm	lm/W	K		R_a	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.	GLASS DESIGN	ULTRA OUTPUT	5 [4]
OSRAM SubstiTUBE® T8 Advanced Ultra Output Connected Gen 6 – G13, 220-240 V															
ST8AU-1.2m-16W-840-CON	4052899**970557**	1200	16	2400	150	4000	160	> 80	50000	A++		1			
ST8AU-1.2m-16W-865-CON	4052899**970564**	1200	16	2400	150	6500	160	> 80	50000	A++		1			
ST8AU-1.5m-24W-840-CON	4052899**970571**	1500	24	3600	150	4000	160	> 80	50000	A++		1			
ST8AU-1.5m-24W-865-CON	4052899**970588**	1500	24	3600	150	6500	160	> 80	50000	A++		1			

LEDVANCE Connected Sensors

Product name	GTIN (EAN)	Sensor-type	Mounting	Recommended mounting height	Protection-class	Voltage	Frequency	Application	RRP [EUR] [3]	No.	GLASS DESIGN	CRI 97	5 [4]
LEDVANCE Connected Sensors													
Connected Sensor ST8 CR	4058075**801448**	Passive Infrared	Ceiling, hallway	2.50 – 4.00 m	IP54	220 – 240 V	50 Hz	Parking garages		2			
Connected Sensor ST8 RT	4058075**801462**	Passive Infrared	Ceiling, hallway	2.50 – 4.00 m	IP54	220 – 240 V	50 Hz	Corridors		2			
Connected Sensor ST8 HB	4058075**801486**	Passive Infrared	Ceiling	4.00 – 12.00 m	IP54	220 – 240 V	50 Hz	Industry, warehouses		2			

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] L70/B50 | [2] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [3] Recommended retail price excl. VAT. | [4] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | [5] For operation only in conjunction with a Connected Sensor



OSRAM SubstiTUBE® T8 Advanced UO Connected[5]

- Wireless Zigbee® – no additional device is needed
- Easy upgrade to connected lighting
- Smart energy saving: on/off, step dimming with a sensor
- For CCG-operated luminaires and AC mains
- Extremely long lifetime of up to 50,000 hours[1]

LED TUBES



01

OSRAM SubstiTUBE® T8 EM – for CCG & AC mains

Product name	GTIN (EAN)	l [mm]	W	lm	lm/W	K		R_a	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.
OSRAM SubstiTUBE® T8 Advanced Ultra Output EM Gen 8 – G13, 220-240 V – for premium applications											GLASS DESIGN / SHATTER-PROOF / ULTRA OUTPUT / 5 year guarantee [4]	
ST8AU-1.2m-15.1W-830-EM	4058075**136298**	1200	15.1	2250	150	3000	190	83	60000	A++		1
ST8AU-1.2m-15.1W-840-EM	4058075**136311**	1200	15.1	2500	165	4000	190	83	60000	A++		1
ST8AU-1.2m-15.1W-865-EM	4058075**136335**	1200	15.1	2500	165	6500	190	83	60000	A++		1
ST8AU-1.5m-22.4W-830-EM	4058075**136359**	1500	22.4	3330	150	3000	190	83	60000	A++		1
ST8AU-1.5m-22.4W-840-EM	4058075**136373**	1500	22.4	3700	165	4000	190	83	60000	A++		1
ST8AU-1.5m-22.4W-865-EM	4058075**136397**	1500	22.4	3700	165	6500	190	83	60000	A++		1
OSRAM SubstiTUBE® T8 Advanced EM Gen 8 – G13, 220-240 V – for sophisticated applications											GLASS DESIGN / SHATTER-PROOF / 5 year guarantee [4]	
ST8A-0.6m-7.3W-840-EM	4058075**136410**	600	7.3	1100	150	4000	190	83	50000	A++		1
ST8A-0.6m-7.3W-865-EM	4058075**136434**	600	7.3	1100	150	6500	190	83	50000	A++		1
ST8A-1.2m-14W-840-EM	4058075**136496**	1200	14	2100	150	4000	190	83	50000	A++		1
ST8A-1.2m-14W-865-EM	4058075**136519**	1200	14	2100	150	6500	190	83	50000	A++		1
ST8A-1.5m-20.6W-840-EM	4058075**136533**	1500	20.6	3100	150	4000	190	83	50000	A++		1
ST8A-1.5m-20.6W-865-EM	4058075**136557**	1500	20.6	3100	150	6500	190	83	50000	A++		1
ST8A-0.9m-11.3W-840-EM	4058075**136458**	900	11.3	1700	150	4000	190	83	50000	A++		1
ST8A-0.9m-11.3W-865-EM	4058075**136472**	900	11.3	1700	150	6500	190	83	50000	A++		1
OSRAM SubstiTUBE® T8 Value EM Gen 8 – G13, 220-240 V – for standard applications											GLASS DESIGN / 3 year guarantee [4]	
ST8V-0.6m-7.6W-830-EM	4058075**024618**	600	7.6	720	95	3000	190	> 80	30000	A+		1
ST8V-0.6m-7.6W-840-EM	4058075**024632**	600	7.6	800	105	4000	190	> 80	30000	A+		1
ST8V-0.6m-7.6W-865-EM	4058075**024656**	600	7.6	800	105	6500	190	> 80	30000	A+		1
ST8V-1.2m-16.2W-830-EM	4058075**024670**	1200	16.2	1530	95	3000	190	> 80	30000	A+		1
ST8V-1.2m-16.2W-840-EM	4058075**024694**	1200	16.2	1700	105	4000	190	> 80	30000	A+		1
ST8V-1.2m-16.2W-865-EM	4058075**024717**	1200	16.2	1700	105	6500	190	> 80	30000	A+		1
ST8V-1.5m-19.1W-830-EM	4058075**024731**	1500	19.1	1800	95	3000	190	> 80	30000	A+		1
ST8V-1.5m-19.1W-840-EM	4058075**024755**	1500	19.1	2000	105	4000	190	> 80	30000	A+		1
ST8V-1.5m-19.1W-865-EM	4058075**024779**	1500	19.1	2000	105	6500	190	> 80	30000	A+		1

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] L70/B50 | [2] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [3] Recommended retail price excl. VAT. | [4] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee



OSRAM SubstiTUBE® T8 EM

- Complete portfolio in glass design
- Extremely long lifetime of up to 60,000 hours[1]
- Improved price-performance ratio
- High efficiency up to 165 lm/W
- Advanced Ultra Output and Advanced portfolio with shatterproof protection film
- All 0.6 m types with tandem function

LED TUBES



01

02 03

OSRAM SubstiTUBE® T5 Universal[5] – for ECG- & AC mains

	Product name	GTIN (EAN)	l [mm]	W	lm	lm/W	K		R_a	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.
OSRAM SubstiTUBE® T5 High Output Universal Gen 8 – G5, 220-240 V													GLASS DESIGN / SHATTER-PROOF / 5 year guarantee [4]
NEW	ST5H080-1.5M 37W/830 230V UN	4058075**137844**	1449	37	5050	136	3000	200	83	60000	A++		1
NEW	ST5H080-1.5M 37W/840 230V UN	4058075**137868**	1449	37	5600	151	4000	200	83	60000	A++		1
NEW	ST5H080-1.5M 37W/865 230V UN	4058075**137882**	1449	37	5600	151	6500	200	83	60000	A++		1
NEW	ST5H054-1.2M 27W/830 230V UN	4058075**137905**	1149	26	3600	138	3000	200	83	60000	A++		1
NEW	ST5H054-1.2M 27W/840 230V UN	4058075**137929**	1149	26	4000	154	4000	200	83	60000	A++		1
NEW	ST5H054-1.2M 27W/865 230V UN	4058075**137943**	1149	26	4000	154	6500	200	83	60000	A++		1
NEW	ST5H049-1.5M 26W/830 230V UN	4058075**137967**	1449	26	3600	138	3000	200	83	60000	A++		1
NEW	ST5H049-1.5M 26W/840 230V UN	4058075**137981**	1449	26	4000	154	4000	200	83	60000	A++		1
NEW	ST5H049-1.5M 26W/865 230V UN	4058075**138001**	1449	26	4000	154	6500	200	83	60000	A++		1
OSRAM SubstiTUBE® T5 High Efficiency Universal Gen 8 – G5, 220-240 V													GLASS DESIGN / SHATTER-PROOF / 5 year guarantee [4]
NEW	ST5HE35-1.5M 18W/830 230V UN	4058075**138025**	1449	18	2500	138	3000	200	83	60000	A++		1
NEW	ST5HE35-1.5M 18W/840 230V UN	4058075**138049**	1449	18	2800	155	4000	200	83	60000	A++		1
NEW	ST5HE35-1.5M 18W/865 230V UN	4058075**138063**	1449	18	2800	155	6500	200	83	60000	A++		1
NEW	ST5HE28-1.2M 17W/830 230V UN	4058075**138087**	1149	17	2350	138	3000	200	83	60000	A++		1
NEW	ST5HE28-1.2M 17W/840 230V UN	4058075**138100**	1149	17	2600	152	4000	200	83	60000	A++		1
NEW	ST5HE28-1.2M 17W/865 230V UN	4058075**138124**	1149	17	2600	152	6500	200	83	60000	A++		1
NEW	ST5HE21-0.9M 10W/830 230V UN	4058075**138148**	849	10	1350	135	3000	200	83	60000	A++		1
NEW	ST5HE21-0.9M 10W/840 230V UN	4058075**138162**	849	10	1500	150	4000	200	83	60000	A++		1
NEW	ST5HE21-0.9M 10W/865 230V UN	4058075**138186**	849	10	1500	150	6500	200	83	60000	A++		1
NEW	ST5HE14-0.6M 7W/830 230V UN	4058075**138209**	549	7	900	129	3000	200	83	60000	A++		1
NEW	ST5HE14-0.6M 7W/840 230V UN	4058075**138223**	549	7	1000	143	4000	200	83	60000	A++		1
NEW	ST5HE14-0.6M 7W/865 230V UN	4058075**138247**	549	7	1000	143	6500	200	83	60000	A++		1

Operation on ECG: please check compatibility at www.ledvance.com/ecg-compatibility

OSRAM SubstiTUBE® T9 – for CCG- & AC mains

	Product name	GTIN (EAN)	l [mm]	W	lm	lm/W	K		R_a	$t_{[h]}$ [1]	[2]	RRP [EUR] [3]	No.
OSRAM SubstiTUBE® T9 Gen 1 – G10q, 220-240 V													3 year guarantee [4]
NEW	OSRAM SubstiTUBE T9 LED 22 840	4058075**135444**	205	12	1200	100	4000	123	≥ 80	30000	A+		2
NEW	OSRAM SubstiTUBE T9 LED 22 865	4058075**135468**	205	12	1200	100	6500	123	≥ 80	30000	A+		2
NEW	OSRAM SubstiTUBE T9 LED 32 840	4058075**135482**	298	20	2000	100	4000	123	≥ 80	30000	A+		3
NEW	OSRAM SubstiTUBE T9 LED 32 865	4058075**135505**	298	20	2000	100	6500	123	≥ 80	30000	A+		3

All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value. | [1] L70/B50 | [2] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | [3] Recommended retail price excl. VAT. | [4] You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | [5] Preliminary data/expected availability November 2018



OSRAM SubstiTUBE® T5 Universal

- Compatible with ECG and AC mains
- Extended portfolio: tubes available in 0.6 m and 0.9 m lengths
- Complete portfolio in glass design with shatterproof protection film
- Extremely long lifetime of up to 60,000 hours[1]

OSRAM SubstiTUBE® T9

- New LED replacement for traditional T9 fluorescent lamps
- For operation on AC mains or CCG
- Different light colors (4,000 and 6,500 K)

EM OR HF:
FINDING THE RIGHT TECHNOLOGY

Are you wondering which technology you need for your G13 luminaires – an EM lamp or an HF lamp? Our insider tip reveals two easy ways to find out.

STARTER TEST

Check whether the luminaire you want to fit the new lamp in has a starter. If it does, you need a SubstiTUBE® T8 EM for operation on a CCG. If not, use the universal ECG-compatible version.



▶ **SubstiTUBE® EM**



▶ **SubstiTUBE® Universal**

CAMERA TEST

If the luminaire still has a working T8 lamp, take a look at it through a digital camera (such as the one on your smartphone or tablet). If the light flickers, you need a SubstiTUBE® T8 EM for operation on a CCG. Otherwise, use the universal ECG-compatible version.



▶ **SubstiTUBE® EM**



▶ **SubstiTUBE® Universal**

For all HF types, remember to check whether the electronic control gear is compatible before replacing the lamp.

For more information go to www.ledvance.com/ecg-compatibility

ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from the general lighting business of OSRAM GmbH, LEDVANCE offers a wide-ranging assortment of LED luminaires for a broad spectrum of application areas, intelligent lighting products for Smart Homes and Buildings, one of the largest LED lamps portfolios in the industry as well as traditional light sources.

LEDVANCE

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Partner:

voltimum

LEDVANCE is the expert partner for installers and lighting professionals. To match our extensive range of luminaires we also offer a large portfolio of innovative LED lamps in excellent brand quality. Further information about our range of lamps and services is available online at www.ledvance.com

Use our mobile apps and online tools to calculate the possible savings for your next LED project in no time, find the right lamp or luminaire and scroll through the latest catalogs: www.ledvance.com/tools

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