



**LEDVANCE**

LEDVANCE.COM

Expanded  
Portfolio.  
Assured  
Quality.



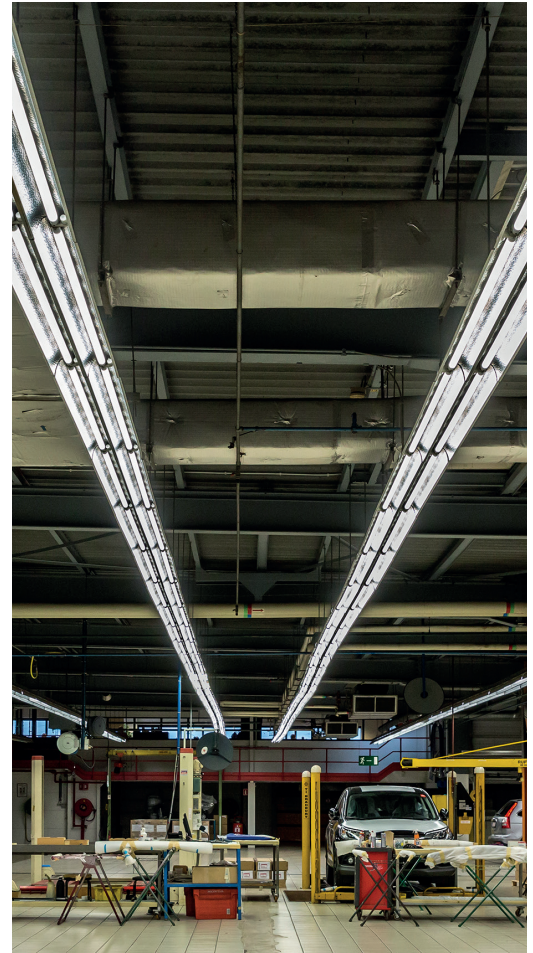
## The new LED lamps portfolio

Innovation strength meets performance

From full-glass LED lamps and LED tube innovations, our new product range combines cutting-edge technology with outstanding price-to-performance ratio.



# Modern technology, innovation and efficiency: a great selection and quality



**Research – Innovation – Quality Assurance**  
LEDVANCE invests in two sectors in particular: In research and development and also in continuous quality assurance. The combination of innovative strength and application orientation produces distinct added value – and at an outstanding price-to-performance ratio. By opting for OSRAM LED lamps, your customers are purchasing products that:

- Meet the specific requirements in the particular field of application
- Are at the cutting edge of technology
- Meet the highest quality standards

## The highlights of the new product range:

### Reflectors and lamps with a traditional bulb design:

- Completely optimised and expanded portfolio
- PAR16 reflector lamps available up to 135W replacement
- MR16 reflector lamps available up to 50W replacement and in optimised sizes
- New range of High brightness PAR30 lamp target for economical solution for shop lighting

### SubstiTUBE® LED tubes:

- First ECG-compatible LED tube (HF) that meets the new safety standard IEC62776
- Improved energy efficiency of up to +15 % of the CCG-compatible models (EM)

\* Under the assumption that the lamps are operated in accordance with LEDVANCE recommendations. Precise guarantee terms and conditions at: [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)


# Our portfolio – versatile and better

## Product Segmentation

	Key Quality	Application	
PARATHOM®	Premium lighting for professional applications	<ul style="list-style-type: none"> <li>– Very long lifespan of up to 40,000 hrs</li> <li>– High quality of light thanks to excellent optical design</li> <li>– High binning of SDCM&lt;5</li> </ul>	
LED SUPERSTAR®	High quality and flexible lighting for professional applications	<ul style="list-style-type: none"> <li>– Long lifespan of 25,000 hrs</li> <li>– Both dimmable and non dimmable</li> <li>– Wide and flexible portfolio to meet different project needs</li> <li>– High binning of SDCM&lt;5</li> <li>– Excellent system compatibility (transformer/dimmers)</li> </ul>	
LED STAR®	Good quality lighting to meet basic application needs	<ul style="list-style-type: none"> <li>– Lifespan of 15,000 hrs</li> <li>– Non dimmable</li> <li>– Basic system compatibility (transformers)</li> </ul>	

## SubstiTUBE®

### LED lamps as an alternative to T8 and T5 fluorescent lamps<sup>3</sup>

Advanced	For demanding lighting installations with high luminous flux	<ul style="list-style-type: none"> <li>– Up to 138lm/W</li> <li>– Adapted for use in production facilities (also those with extreme ambient temperatures of between –20 °C and +45 °C or sales floors)</li> <li>– Available for ECG and CCG luminaires</li> </ul>	
Value	For cost-oriented lighting jobs	<ul style="list-style-type: none"> <li>– Up to 100lm/W</li> <li>– Adapted for use in private households, stairwells, garages and basement rooms</li> <li>– Available for ECG and CCG luminaires</li> </ul>	

# PARATHOM® PRO PAR16 / PARATHOM® ADVANCED PAR16 / LED SUPERSTAR® PAR16 / LED STAR® PAR16



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>						No.
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## PARATHOM® PRO PAR16 135

PP PAR16 135 24 10.9W/827 GU10	4058075037168	10.9	135W	900	3,800	2,700	80	✓	24°	77.3	49.5	25,000	01
PP PAR16 135 24 10.9W/830 GU10	4058075806627	10.9	135W	950	4,000	3,000	80	✓	24°	77.3	49.5	25,000	01
PP PAR16 135 24 10.9W/840 GU10	4058075806634	10.9	135W	1000	4,000	4,000	80	✓	24°	77.3	49.5	25,000	01
PP PAR16 135 36 10.9W/827 GU10	4058075037199	10.9	135W	900	2,375	2,700	80	✓	36°	77.3	49.5	25,000	01
PP PAR16 135 36 10.9W/830 GU10	4058075806641	10.9	135W	950	2,500	3,000	80	✓	36°	77.3	49.5	25,000	01
PP PAR16 135 36 10.9W/840 GU10	4058075806658	10.9	135W	1000	2,500	4,000	80	✓	36°	77.3	49.5	25,000	01

## PARATHOM® Advanced PAR16 80 adv\*

P PAR16D 80 36 7.2W/827 GU10	4052899958005	7.2	80W	575	1,439	2,700	≥80	✓	36°	55	51	25,000	02
P PAR16D 80 36 7.2W/830 GU10	4052899958012	7.2	80W	575	1,439	3,000	≥80	✓	36°	55	51	25,000	02

## PARATHOM® Advanced PAR16 50 adv\*

P PAR16D 50 36 4.6W/827 GU10	4052899957954	4.6	50W	350	850	2,700	≥80	✓	36°	55	51	25,000	02
P PAR16D 50 36 4.6W/830 GU10	4052899957961	4.6	50W	350	850	3,000	≥80	✓	36°	55	51	25,000	02

## LED SUPERSTAR® PAR16 65 adv

SS PAR16 65 36 A 5.7W/827 GU10	4052899396081	5.7	65W	470	1,240	2,700	80	✓	36°	60.1	49.6	25,000	03
SS PAR16 65 36 A 5.7W/830 GU10	4052899396135	5.7	65W	470	1,240	3,000	80	✓	36°	60.1	49.6	25,000	03
SS PAR16 65 36 A 5.7W/865 GU10	4052899396166	5.7	65W	470	1,240	6,500	80	✓	36°	60.1	49.6	25,000	03

## LED SUPERSTAR® PAR16 50 adv

SS PAR16 50 24 A 4.6W/827 GU10	4052899395794	4.6	50W	350	1,596	2,700	80	✓	24°	60.1	49.6	25,000	03
SS PAR16 50 24 A 4.6W/830 GU10	4052899395848	4.6	50W	350	1,596	3,000	80	✓	24°	60.1	49.6	25,000	03
SS PAR16 50 36 A 4.6W/827 GU10	4052899395879	4.6	50W	350	924	2,700	80	✓	36°	60.1	49.6	25,000	03
SS PAR16 50 36 A 4.6W/830 GU10	4052899395909	4.6	50W	350	924	3,000	80	✓	36°	60.1	49.6	25,000	03
SS PAR16 50 36 A 4.6W/865 GU10	4052899395930	4.6	50W	350	924	6,500	80	✓	36°	60.1	49.6	25,000	03

## LED STAR® PAR16 50

S PAR16 50 24 4.7W/827 GU10	4052899409507	4.7	50W	380	1,300	2,700	≥80	–	24°	54	50	15,000	04
S PAR16 50 24 4.7W/865 GU10	4052899409521	4.7	50W	420	1,500	6,500	≥80	–	24°	54	50	15,000	04
S PAR16 50 36 4.7W/827 GU10	4052899409460	4.7	50W	380	900	2,700	≥80	–	36°	54	50	15,000	04
S PAR16 50 36 4.7W/865 GU10	4052899409484	4.7	50W	420	1,000	6,500	≥80	–	36°	54	50	15,000	04

\* With European Package. Product may have long leadtime on make-to-order basis. Thus, please consult LEDVANCE before placing orders

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<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# PARATHOM® PRO HIGH BRIGHTNESS PAR30 / PARATHOM® ADVANCED PAR38, 30 / LED STAR® PAR38, 30



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>						No.
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## PARATHOM® PRO HIGH BRIGHTNESS PAR30

PP PAR30 15 20W/830 HB E27	4058075031968	20	35W	2,000	18,000	3,000	>80	–	15°	117	95	25,000	01
PP PAR30 30 20W/830 HB E27	4058075031944	20	35W	2,000	5,000	3,000	>80	–	30°	117	95	25,000	01
PP PAR30 15 20W/840 HB E27	4058075031982	20	35W	2,000	18,000	4,000	>80	–	15°	117	95	25,000	01
PP PAR30 30 20W/840 HB E27	4058075032002	20	35W	2,000	5,000	4,000	>80	–	30°	117	95	25,000	01
PP PAR30 15 20W/865 HB E27	4058075032026	20	35W	2,000	18,000	6,500	>80	–	15°	117	95	25,000	01
PP PAR30 30 20W/865 HB E27	4058075032040	20	35W	2,000	5,000	6,500	>80	–	30°	117	95	25,000	01
PP PAR30 15 31W/830 HB E27	4052899404304	31	50W	3,150	31,000	3,000	80	–	15°	128	95	25,000	02
PP PAR30 30 31W/830 HB E27	4052899404434	31	50W	3,150	10,000	3,000	80	–	30°	128	95	25,000	02
PP PAR30 15 31W/840 HB E27	4052899404472	31	50W	3,150	31,000	4,000	80	–	15°	128	95	25,000	02
PP PAR30 30 31W/840 HB E27	4052899404519	31	50W	3,150	10,000	4,000	80	–	30°	128	95	25,000	02
PP PAR30 15 31W/865 HB E27	4052899404533	31	50W	3,200	31,000	6,500	80	–	15°	128	95	25,000	02
PP PAR30 30 31W/865 HB E27	4052899404557	31	50W	3,200	10,000	6,500	80	–	30°	128	95	25,000	02
PP PAR30 15 40W/830 HB E27	4058075032064	40	70W	4,000	45,000	3,000	>80	–	15°	125	95	25,000	03
PP PAR30 30 40W/830 HB E27	4058075032088	40	70W	4,000	14,000	3,000	>80	–	30°	125	95	25,000	03
PP PAR30 15 40W/840 HB E27	4058075032101	40	70W	4,000	45,000	4,000	>80	–	15°	125	95	25,000	03
PP PAR30 30 40W/840 HB E27	4058075032194	40	70W	4,000	14,000	4,000	>80	–	30°	125	95	25,000	03
PP PAR30 15 40W/865 HB E27	4058075032217	40	70W	4,000	45,000	6,500	>80	–	15°	125	95	25,000	03
PP PAR30 30 40W/865 HB E27	4058075032231	40	70W	4,000	14,000	6,500	>80	–	30°	125	95	25,000	03

## PARATHOM® Advanced PAR38 120\*

P PAR38 120DIM 14W/827 E27	4052899938526	14	120W	1,035	2,500	2,700	≥80	✓	30°	129	121	40,000	04
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## PARATHOM® Advanced PAR30 90\*

P PAR30 90DIM 9W/827 E27	4052899938519	9	90W	766	1,800	2,700	≥80	✓	30°	92	96	40,000	05
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## LED STAR® PAR38 120

S PAR38 120 24 12W/827 E27	4052899281516	12	120W	1,050	5,850	2,700	≥80	–	24°	130	122	25,000	06
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## LED STAR® PAR30 100

S PAR30 100 30 10W/827 E27	4052899281493	10	100W	850	2,100	2,700	≥80	–	30°	93	96	25,000	05
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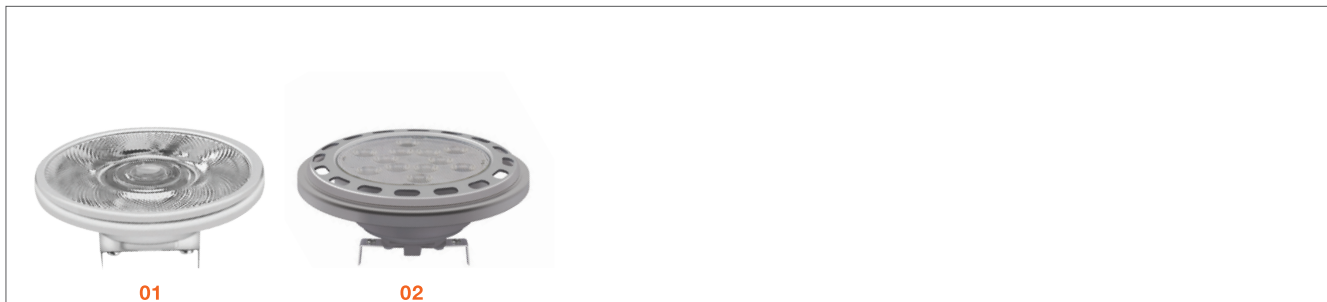
\* With European Package. Product may have long leadtime on make-to-order basis. Thus, please consult LEDVANCE before placing orders

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<sup>3</sup> L70/B50

# PARATHOM® PRO LEDspot 111 / LED STAR® AR111



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for	lm <sup>1</sup>	cd	K	R <sub>a</sub>	 <sup>2</sup>		 <sup>3</sup>		 <sup>3</sup>	 No.
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## PARATHOM® PRO LEDspot 111 75 adv\*

PP PAR111 75 24 15.5W/927 G53	<b>4052899960923</b>	15.5	75W	800	3,100	2,700	≥90	✓	24°	54.3	111	40,000	<b>01</b>
PP PAR111 75 40 15.5W/927 G53	<b>4052899960930</b>	15.5	75W	800	1,500	2,700	≥90	✓	40°	54.3	111	40,000	<b>01</b>

## LED STAR® AR111 120

S AR111 120 24 13W/830 G53	<b>4052899281455</b>	13	120W	1,100	4,500	3,000	≥80	–	24°	56.5	110.7	30,000	<b>02</b>
S AR111 120 40 13W/830 G53	<b>4052899281479</b>	13	120W	1,100	2,400	3,000	≥80	–	40°	56.5	110.7	30,000	<b>02</b>

## LED STAR® AR111 75

S AR111 75 24 10.5W/827 G53	<b>4052899281387</b>	10.5	75W	850	3,500	2,700	≥80	–	24°	56.5	110.7	30,000	<b>02</b>
S AR111 75 40 10.5W/827 G53	<b>4052899281431</b>	10.5	75W	850	1,800	2,700	≥80	–	40°	56.5	110.7	30,000	<b>02</b>

\* With European Package. Product may have long leadtime on make-to-order basis. Thus, please consult LEDVANCE before placing orders

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<sup>3</sup> L70/B50

# PARATHOM® ADVANCED MR16 / LED SUPERSTAR® MR16



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>						No.
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## PARATHOM® Advanced MR16 50 adv\*

P MR16D 50 36 7.8W/827 GU5.3	4052899957688	7.8	50W	621	1,430	2,700	≥80	✓	36°	53	51	25,000	01
P MR16D 50 36 7.8W/830 GU5.3	4052899957695	7.8	50W	621	1,430	3,000	≥80	✓	36°	53	51	25,000	01

## PARATHOM® Advanced MR16 35 adv\*

P MR16D 35 36 5W/827 GU5.3	4052899957633	5	35W	350	950	2,700	≥80	✓	36°	46	51	25,000	02
P MR16D 35 36 5W/830 GU5.3	4052899957640	5	35W	350	950	3,000	≥80	✓	36°	46	51	25,000	02

## LED SUPERSTAR® MR16 50 adv

SS MR16 50 24 A 5.9W/827 GU5.3	4052899395503	5.9	50W	470	2,142	2,700	80	✓	24°	53.7	49.6	25,000	03
SS MR16 50 24 A 5.9W/830 GU5.3	4052899395534	5.9	50W	470	2,142	3,000	80	✓	24°	53.7	49.6	25,000	03
SS MR16 50 36 A 5.9W/827 GU5.3	4052899395565	5.9	50W	470	1,240	2,700	80	✓	36°	53.7	49.6	25,000	03
SS MR16 50 36 A 5.9W/830 GU5.3	4052899395596	5.9	50W	470	1,240	3,000	80	✓	36°	53.7	49.6	25,000	03
SS MR16 50 36 A 5.9W/865 GU5.3	4052899395626	5.9	50W	470	1,240	6,500	80	✓	36°	53.7	49.6	25,000	03
SS MR16 50 60 A 5.9W/830 GU5.3	4052899395671	5.9	50W	470	400	3,000	80	✓	60°	53.7	49.6	25,000	03
SS MR16 50 60 A 5.9W/865 GU5.3	4052899395701	5.9	50W	470	400	6,500	80	✓	60°	53.7	49.6	25,000	03
SS MR16 50 24 5.4W/827 GU5.3	4052899395732	5.4	50W	470	2,142	2,700	80	–	24°	53.7	49.6	25,000	03
SS MR16 50 24 5.4W/830 GU5.3	4052899395763	5.4	50W	470	2,142	3,000	80	–	24°	53.7	49.6	25,000	03

## LED SUPERSTAR® MR16 35 adv

SS MR16 35 24 A 4.6W/827 GU5.3	4052899395312	4.6	35W	350	1,596	2,700	80	✓	24°	53.7	49.6	25,000	03
SS MR16 35 24 A 4.6W/830 GU5.3	4052899395343	4.6	35W	350	1,596	3,000	80	✓	24°	53.7	49.6	25,000	03
SS MR16 35 36 A 4.6W/827 GU5.3	4052899395411	4.6	35W	350	924	2,700	80	✓	36°	53.7	49.6	25,000	03
SS MR16 35 36 A 4.6W/830 GU5.3	4052899395442	4.6	35W	350	924	3,000	80	✓	36°	53.7	49.6	25,000	03
SS MR16 35 36 A 4.6W/865 GU5.3	4052899395473	4.6	35W	350	924	6,500	80	✓	36°	53.7	49.6	25,000	03

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<sup>3</sup> L70/B50

# LED STAR® MR16 / MR11



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>					t[h] <sup>3</sup>	No.
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## LED STAR® MR16 50

S MR16 50 36 6.5W/827 GU5.3	4052899409316	6.5	50W	500	900	2,700	80	–	36°	46	50	15,000	01
S MR16 50 36 6.5W/865 GU5.3	4052899409330	6.5	50W	540	1,000	6,500	80	–	36°	46	50	15,000	01
S MR16 50 24 6.5W/827 GU5.3	4052899409446	6.5	50W	500	2,000	2,700	80	–	24°	46	50	15,000	01

## LED STAR® MR16 35

S MR16 35 36 5W/827 GU5.3	4052899409255	5	35W	380	900	2,700	80	–	36°	46	50	15,000	02
S MR16 35 36 5W/865 GU5.3	4052899409279	5	35W	420	1,000	6,500	80	–	36°	46	50	15,000	02
S MR16 35 24 5W/827 GU5.3	4052899409293	5	35W	380	1,400	2,700	80	–	24°	46	50	15,000	02

## LED STAR® MR11\*

P MR11 20 36 2.6W/827 GU4	4052899954977	2.6	20W	184	400	2,700	≥80	–	36°	38	34.7	15,000	03
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



<sup>2</sup>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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup>L70/B50



# PARATHOM® for Special Pin Applications



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>	 <sup>2</sup>		 l (mm)	 d (mm)	 <sup>3</sup> t [h]	 No.
<b>PARATHOM® LED PIN 30 G9*</b>													
LED P PIN30 2.8W/827 G9	4052899964426	2.8	28W	300	–	2,700	≥80	–	–	52	16	15,000	01
<b>PARATHOM® PIN 30 G4*</b>													
LED P PIN30 2.4W/827 G4	4052899964372	2.4	20W	300	–	2,700	≥80	–	–	44	14	15,000	02

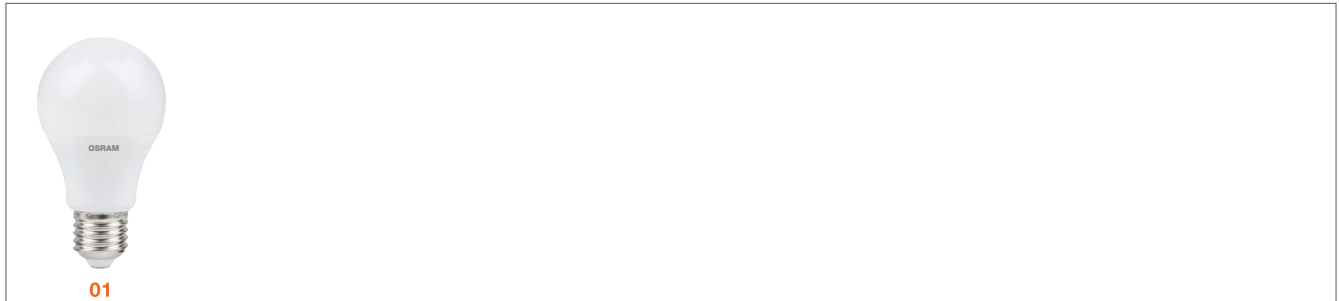
\* With European Package. Product may have long leadtime on make-to-order basis. Thus, please consult LEDVANCE before placing orders

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED SUPERSTAR® Classic A



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>	 <sup>2</sup>		 (mm)	 (mm)	 (h) <sup>3</sup>	 No.
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## LED SUPERSTAR® Classic A60 adv

SST CLA60 9W/827 FR E27	<b>4052899416949</b>	9	60W	806	–	2,700	80	✓	200°	108	60	25,000	<b>01</b>
SST CLA60 9W/865 FR E27	<b>4052899417021</b>	9	60W	890	–	6,500	80	✓	200°	108	60	25,000	<b>01</b>

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED STAR® Classic A



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>					
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## LED STAR® Classic A125

LS CLA125 13W/827 FR E27	4052899361515	13	125W	1,335	–	2,700	80	–	220°	122	60	15,000	01
LS CLA125 13W/865 FR E27	4052899361539	13	125W	1,400	–	6,500	80	–	220°	122	60	15,000	01
LS CLA125 13W/827 FR B22D	4052899360723	13	125W	1,335	–	2,700	80	–	220°	121	60	15,000	02
LS CLA125 13W/865 FR B22D	4052899360747	13	125W	1,400	–	6,500	80	–	220°	121	60	15,000	02

## LED STAR® Classic A100

LS CLA100 10.5W/827 FR E27	4052899361478	10.5	100W	1,060	–	2,700	80	–	220°	120	60	15,000	03
LS CLA100 10.5W/865 FR E27	4052899361492	10.5	100W	1,130	–	6,500	80	–	220°	120	60	15,000	03
LS CLA100 10.5W/827 FR B22D	4052899361355	10.5	100W	1,060	–	2,700	80	–	220°	119	60	15,000	04
LS CLA100 10.5W/865 FR B22D	4052899361379	10.5	100W	1,130	–	6,500	80	–	220°	119	60	15,000	04

## LED STAR® Classic A70

LS CLA70 8.5W/827 FR E27	4052899361430	8.5	70W	806	–	2,700	80	–	220°	110	60	15,000	05
LS CLA70 8.5W/865 FR E27	4052899361454	8.5	70W	860	–	6,500	80	–	220°	110	60	15,000	05
LS CLA70 8.5W/827 FR B22D	4052899361317	8.5	70W	806	–	2,700	80	–	220°	108	60	15,000	06
LS CLA70 8.5W/865 FR B22D	4052899361331	8.5	70W	860	–	6,500	80	–	220°	108	60	15,000	06

## LED STAR® Classic A60

LS CLA60 6.8W/827 FR E27	4052899361393	6.8	60W	600	–	2,700	80	–	220°	110	60	15,000	05
LS CLA60 6.8W/865 FR E27	4052899361416	6.8	60W	660	–	6,500	80	–	220°	110	60	15,000	05
LS CLA60 6.8W/827 FR B22D	4052899361270	6.8	60W	600	–	2,700	80	–	220°	108	60	15,000	06
LS CLA60 6.8W/865 FR B22D	4052899361294	6.8	60W	660	–	6,500	80	–	220°	108	60	15,000	06

## LED STAR® Classic A40

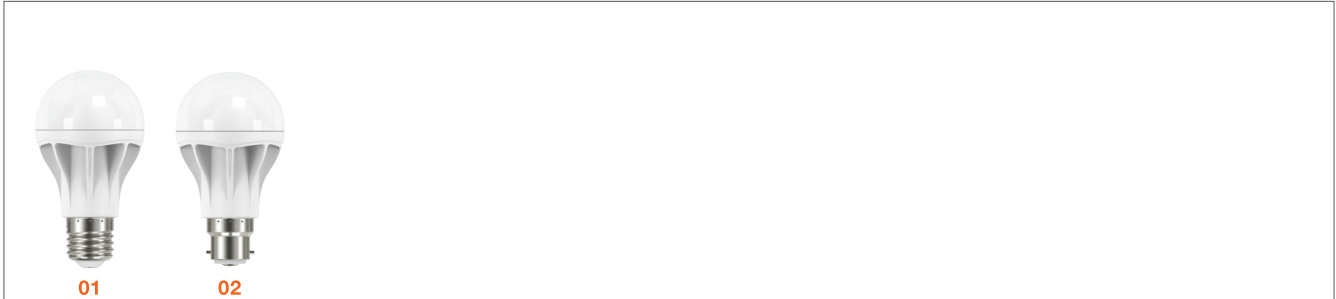
LS CLA40 4.5W/827 FR E27	4052899360518	4.5	40W	350	–	2,700	80	–	220°	110	60	15,000	05
LS CLA40 4.5W/865 FR E27	4052899360532	4.5	40W	380	–	6,500	80	–	220°	110	60	15,000	05
LS CLA40 4.5W/827 FR B22D	4052899361232	4.5	40W	350	–	2,700	80	–	220°	108	60	15,000	06
LS CLA40 4.5W/865 FR B22D	4052899361256	4.5	40W	380	–	6,500	80	–	220°	108	60	15,000	06



<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters of each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED VALUE Classic A



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>					
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## LED VALUE Classic A100

LS CLA100 13.5W/830 FR E27	<b>4058075807587</b>	13.5	100W	1,130	–	3,000	80	–	150°	119	60	10,000	<b>01</b>
LS CLA100 13.5W/865 FR E27	<b>4058075807600</b>	13.5	100W	1,200	–	6,500	80	–	150°	119	60	10,000	<b>01</b>
LS CLA100 13.5W/830 FR B22D	<b>4058075014053</b>	13.5	100W	1,130	–	3,000	80	–	150°	118	60	10,000	<b>02</b>
LS CLA100 13.5W/865 FR B22D	<b>4058075014077</b>	13.5	100W	1,200	–	6,500	80	–	150°	118	60	10,000	<b>02</b>

## LED VALUE Classic A75

LS CLA75 11.5W/830 FR E27	<b>4058075807549</b>	11.5	75W	940	–	3,000	80	–	150°	109	60	10,000	<b>01</b>
LS CLA75 11.5W/840 FR E27	<b>4058075013971</b>	11.5	75W	950	–	4,000	80	–	150°	109	60	10,000	<b>01</b>
LS CLA75 11.5W/865 FR E27	<b>4058075807563</b>	11.5	75W	1,000	–	6,500	80	–	150°	109	60	10,000	<b>01</b>
LS CLA75 11.5W/830 FR B22D	<b>4058075013995</b>	11.5	75W	940	–	3,000	80	–	150°	108	60	10,000	<b>02</b>
LS CLA75 11.5W/840 FR B22D	<b>4058075014015</b>	11.5	75W	950	–	4,000	80	–	150°	108	60	10,000	<b>02</b>
LS CLA75 11.5W/865 FR B22D	<b>4058075014039</b>	11.5	75W	1,000	–	6,500	80	–	150°	108	60	10,000	<b>02</b>

## LED VALUE Classic A60

LS CLA60 9.5W/830 FR E27	<b>4058075807464</b>	9.5	60W	750	–	3,000	80	–	150°	109	60	10,000	<b>01</b>
LS CLA60 9.5W/840 FR E27	<b>4058075013933</b>	9.5	60W	760	–	4,000	80	–	150°	109	60	10,000	<b>01</b>
LS CLA60 9.5W/865 FR E27	<b>4058075807488</b>	9.5	60W	800	–	6,500	80	–	150°	109	60	10,000	<b>01</b>
LS CLA60 9.5W/830 FR B22D	<b>4058075807501</b>	9.5	60W	750	–	3,000	80	–	150°	108	60	10,000	<b>02</b>
LS CLA60 9.5W/840 FR B22D	<b>4058075013957</b>	9.5	60W	760	–	4,000	80	–	150°	108	60	10,000	<b>02</b>
LS CLA60 9.5W/865 FR B22D	<b>4058075807525</b>	9.5	60W	800	–	6,500	80	–	150°	108	60	10,000	<b>02</b>

## LED VALUE Classic A40

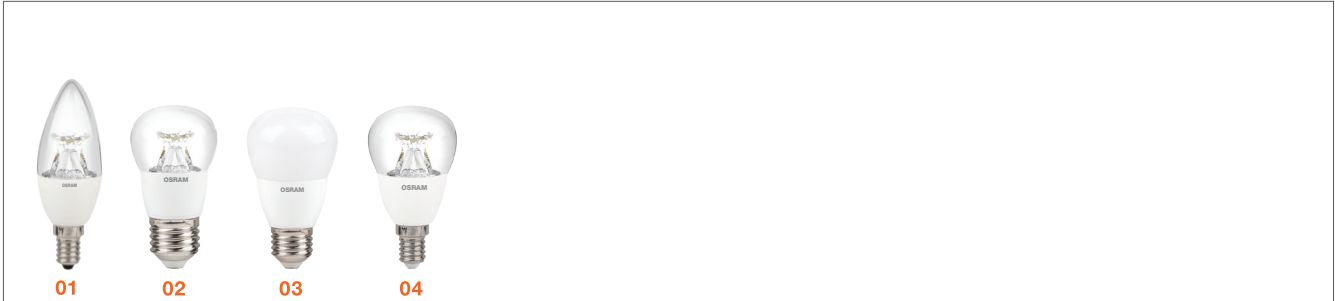
LS CLA40 5.5W/830 FR E27	<b>4058075807402</b>	5.5	40W	370	–	3,000	80	–	150°	100	55	10,000	<b>01</b>
LS CLA40 5.5W/865 FR E27	<b>4058075807426</b>	5.5	40W	400	–	6,500	80	–	150°	100	55	10,000	<b>01</b>
LS CLA40 5.5W/830 FR B22D	<b>4058075013919</b>	5.5	40W	370	–	3,000	80	–	150°	99	55	10,000	<b>02</b>
LS CLA40 5.5W/865 FR B22D	<b>4058075807440</b>	5.5	40W	400	–	6,500	80	–	150°	99	55	10,000	<b>02</b>

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED SUPERSTAR® Classic B / P



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	Ra	◐ <sup>2</sup>	◑ <sup>2</sup>	l [mm]	d [mm]	t [h] <sup>3</sup>	No.
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## LED SUPERSTAR® Classic B40 adv

SST CLB40 6W/827 CL E14	4052899420083	6	40W	470	–	2,700	80	✓	270°	106	35	25,000	01
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## LED SUPERSTAR® Classic B25 adv

SST CLB25 3.5W/827 CS E14	4052899417601	3.5	25W	250	–	2,700	80	✓	270°	106	35	25,000	01
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## LED SUPERSTAR® Classic P40 adv

SST CLP40 6W/827 CL E27	4052899420106	6	40W	470	–	2,700	80	✓	270°	90	45	25,000	02
SST CLP40 6W/827 FR E27	4052899420144	6	40W	470	–	2,700	80	✓	270°	90	45	25,000	03
SST CLP40 6W/827 CL E14	4052899420168	6	40W	470	–	2,700	80	✓	270°	90	45	25,000	04

## LED SUPERSTAR® Classic P25 adv

SST CLP25 3.5W/827 CS E27	4052899417625	3.5	25W	250	–	2,700	80	✓	270°	90	45	25,000	02
SST CLP25 3.2W/827 FR E27	4052899420120	3.2	25W	250	–	2,700	80	✓	270°	90	45	25,000	03

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED STAR® Classic B / P



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for halogen	lm <sup>1</sup>	cd	K	R <sub>a</sub>					t[h] <sup>3</sup>	
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## LED STAR® Classic B40

S CL B40 4.5W/827 CS E14	4052899361591	4.5	40W	350	–	2,700	80	–	240°	110	38	15,000	01
S CL B40 4.5W/827 FR E14	4052899361614	4.5	40W	350	–	2,700	80	–	280°	110	38	15,000	02
S CL BA40 4.5W/827 CS E14	4052899361652	4.5	40W	350	–	2,700	80	–	240°	130	38	15,000	03

## LED STAR® Classic B25

S CL B25 3W/827 CS E14	4052899360815	3	25W	250	–	2,700	80	–	240°	102	35	15,000	04
S CL B25 3W/827 FR E14	4052899360853	3	25W	250	–	2,700	80	–	240°	102	35	15,000	05
S CL BA25 3W/827 CS E14	4052899361638	3	25W	250	–	2,700	80	–	240°	120	35	15,000	06

## LED STAR® Classic P40

S CL P40 4.5W/827 CL E14	4052899360297	4.5	40W	350	–	2,700	80	–	210°	81	45	15,000	07
S CL P40 4.5W/827 FR E27	4052899360372	4.5	40W	350	–	2,700	80	–	160°	78	45	15,000	08
S CL P40 4.5W/865 FR E27	4052899360419	4.5	40W	390	–	6,500	80	–	160°	78	45	15,000	08
S CL P40 4.5W/827 CL E27	4052899360396	4.5	40W	350	–	2,700	80	–	210°	78	45	15,000	09
S CL P40 4.5W/827 CL B22D	4052899360457	4.5	40W	350	–	2,700	80	–	210°	76	45	15,000	10

## LED STAR® Classic P25

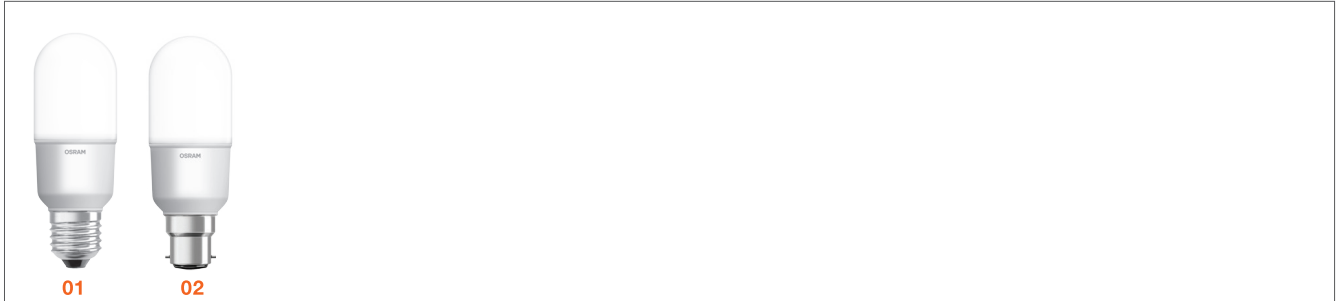
S CL P25 3W/827 FR E14	4052899360273	3	25W	250	–	2,700	80	–	230°	78	45	15,000	11
S CL P25 3W/827 FR E27	4052899360310	3	25W	250	–	2,700	80	–	230°	74	45	15,000	12
S CL P25 3W/865 FR E27	4052899360358	3	25W	280	–	6,500	80	–	230°	74	45	15,000	12
S CL P25 3W/827 CL E27	4052899360334	3	25W	250	–	2,700	80	–	210°	74	45	15,000	13
S CL P25 3W/827 FR B22D	4052899360433	3	25W	250	–	2,700	80	–	230°	73	45	15,000	14

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters of each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED VALUE Classic Stick



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for	lm <sup>1</sup>	cd	K	R <sub>a</sub>						
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## LED VALUE Classic Stick

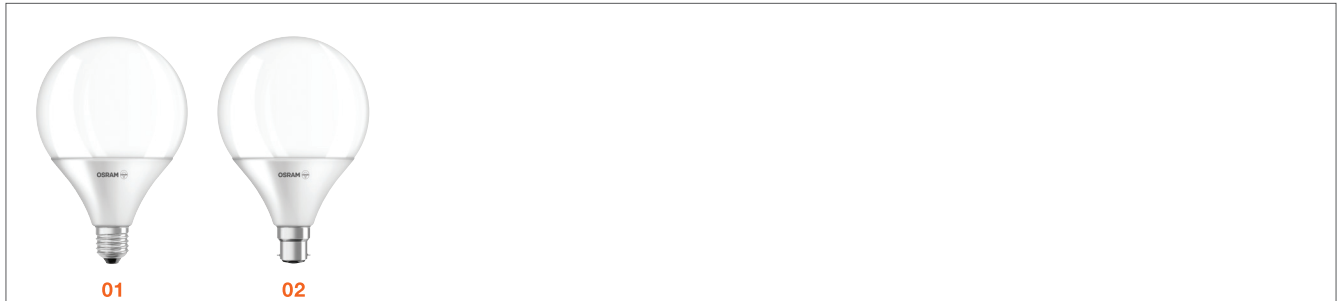
L STICK T 7W/827 FR E27	4058075020153	7	12W	700	–	2,700	80	–	200°	115	41	10,000	01
L STICK T 7W/840 FR E27	4058075020177	7	12W	750	–	4,000	80	–	200°	115	41	10,000	01
L STICK T 7W/865 FR E27	4058075020191	7	12W	750	–	6,500	80	–	200°	115	41	10,000	01
L STICK T 9W/827 FR E27	4058075020214	9	15W	900	–	2,700	80	–	200°	115	41	10,000	01
L STICK T 9W/840 FR E27	4058075020238	9	15W	950	–	4,000	80	–	200°	115	41	10,000	01
L STICK T 9W/865 FR E27	4058075020252	9	15W	950	–	6,500	80	–	200°	115	41	10,000	01
L STICK T 10W/827 FR E27	4058075020276	10	20W	1,050	–	2,700	80	–	200°	115	41	10,000	01
L STICK T 10W/840 FR E27	4058075020290	10	20W	1,100	–	4,000	80	–	200°	115	41	10,000	01
L STICK T 10W/865 FR E27	4058075020313	10	20W	1,100	–	6,500	80	–	200°	115	41	10,000	01
L STICK T 7W/827 FR B22D	4058075020337	7	12W	700	–	2,700	80	–	200°	114	41	10,000	02
L STICK T 7W/840 FR B22D	4058075020351	7	12W	750	–	4,000	80	–	200°	114	41	10,000	02
L STICK T 7W/865 FR B22D	4058075020375	7	12W	750	–	6,500	80	–	200°	114	41	10,000	02
L STICK T 9W/827 FR B22D	4058075020399	9	15W	900	–	2,700	80	–	200°	114	41	10,000	02
L STICK T 9W/840 FR B22D	4058075020412	9	15W	950	–	4,000	80	–	200°	114	41	10,000	02
L STICK T 9W/865 FR B22D	4058075020436	9	15W	950	–	6,500	80	–	200°	114	41	10,000	02
L STICK T 10W/827 FR B22D	4058075020450	10	20W	1,050	–	2,700	80	–	200°	114	41	10,000	02
L STICK T 10W/865 FR B22D	4058075020498	10	20W	1,100	–	6,500	80	–	200°	114	41	10,000	02

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters of each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> The average lifetime of LED lamps is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC62612). The lifetime is estimated at room temperature (25 °C), free air burning, base up burning position and at rated voltage

# LED STAR® CLASSIC Globe



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for	lm <sup>1</sup>	cd	K	R <sub>a</sub>	 <sup>2</sup>		 l (mm)	 d (mm)	 t (h) <sup>3</sup>	 No.
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## LED STAR® Classic Globe G110

LS G110 11.5W/827 FR E27	<b>4058075023130</b>	11.5	75W	1,100	–	2,700	80	–	210°	165	110	15,000	<b>01</b>
LS G110 11.5W/865 FR E27	<b>4058075023161</b>	11.5	75W	1,150	–	6,500	80	–	210°	165	110	15,000	<b>01</b>
LS G110 11.5W/827 FR B22D	<b>4058075023192</b>	11.5	75W	1,100	–	2,700	80	–	210°	165	110	15,000	<b>02</b>
LS G110 11.5W/865 FR B22D	<b>4058075023222</b>	11.5	75W	1,150	–	6,500	80	–	210°	165	110	15,000	<b>02</b>

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50



# LED CLASSIC FILAMENT



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for	lm <sup>1</sup>	cd	K	R <sub>a</sub>	☉ <sup>2</sup>	△	l [mm]	∅ [mm]	t [h] <sup>3</sup>	No.
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## PARATHOM® RETROFIT ADVANCED CLASSIC A Dimmable<sup>2</sup>

PRF CLA60 DIM 7W/827 FR E27	4052899959088	7	60W	806	–	2,700	≥80	✓	300°	105	60	15,000	01
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## PARATHOM® RETROFIT ADVANCED CLASSIC B Dimmable<sup>2</sup>

PRF CLB40 DIM 5W/827 FR E14	4052899959170	5	40W	470	–	2,700	≥80	✓	300°	116	35	15,000	02
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## LED RETROFIT CLASSIC A

RF CLA 4W/827 FIL E27	4052899936393	4	40W	470	–	2,700	≥80	–	300°	105	60	15,000	03
RF CLA 4W/827 FIL B22D	4052899961715	4	40W	470	–	2,700	≥80	–	300°	104	60	15,000	04

## PARATHOM® LED RETROFIT CLASSIC B

RF CLB 2W/827 FIL E14	4052899936416	2	25W	250	–	2,700	≥80	–	360°	97	35	15,000	05
RF CLB 2.1W/827 FIL B22D	4052899961739	2.1	25W	250	–	2,700	≥80	–	360°	95	35	15,000	06

## PARATHOM® LED RETROFIT CLASSIC P

RF CLP 2W/827 FIL E14	4052899936447	2	25W	250	–	2,700	≥80	–	360°	78	45	15,000	07
RF CLP 2.1W/827 FIL B22D	4052899961944	2.1	25W	250	–	2,700	≥80	–	360°	76	45	15,000	08

## Vintage 1906 LED Edison

RF CLA S ST 35 4W/824 E27	4052899962095	4	35W	410	–	2,400	≥80	–	300°	143	64	15,000	09
RF CLA S ST 54 7W/824 E27	4052899972360	7	50W	710	–	2,400	≥80	✓	360°	143	64	15,000	09

## Vintage 1906 LED GLOBE

RF CLA S GL 35 4W/824 E27	4052899962071	4	35W	410	–	2,400	≥80	–	300°	168	124	15,000	10
RF CLA S GL 54 7W/824 E27	4052899972698	7	50W	710	–	2,400	≥80	✓	300°	168	124	15,000	10

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# LED Lamps for Special Applications



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for tube bulbs	lm <sup>1</sup>	cd	K	R <sub>a</sub>					t[h] <sup>3</sup>	No.
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## LEDinestra® Advanced Dimmable<sup>2</sup>

LEDINESTRA 6W/827 230V FR S14s	<b>4052899110311</b>	6	35W	250	–	2,700	80	✓	–	300	29	20,000	<b>01</b>
LEDINESTRA 9W/827 230V FR S14s	<b>4008321979193</b>	9	60W	450	–	2,700	80	✓	–	500	29	20,000	<b>01</b>
LEDINESTRA 6W/827 230V FR S14d	<b>4052899110335</b>	6	35W	250	–	2,700	80	✓	–	300	29	20,000	<b>02</b>
LEDINESTRA 9W/827 230V FR S14d	<b>4008321979216</b>	9	60W	450	–	2,700	80	✓	–	500	29	20,000	<b>02</b>

# DULUX

Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for	lm <sup>1</sup>	cd	K	R <sub>a</sub>					t[h] <sup>3</sup>	No.
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## DULUX D LED

DULUX D LED 10W/840 G24d-3	<b>4058075024991</b>	10	–	1,000	–	4,000	–	–	–	–	–	–	<b>03</b>
DULUX D LED 10W/865 G24d-3	<b>4058075025011</b>	10	–	1,000	–	6,500	–	–	–	–	–	–	<b>03</b>
DULUX D LED 7W/840 G24d-2	<b>4058075024939</b>	7	–	700	–	4,000	–	–	–	–	–	–	<b>03</b>
DULUX D LED 7W/865 G24d-2	<b>4058075024953</b>	7	–	700	–	6,500	–	–	–	–	–	–	<b>03</b>

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters of each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# SubstiTUBE® ADVANCED



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for fluorescent lamp <sup>2</sup>	lm <sup>1</sup>	cd	K	R <sub>a</sub>						
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## SubstiTUBE® Advanced Gen7

ST8A-0.6M 9W/840 230V EM G13	<b>4058075034198</b>	9	603mm	1,000	–	4,000	>83	–	170°	603	28	50,000	<b>01</b>
ST8A-0.6M 9W/865 230V EM G13	<b>4058075034174</b>	9	603mm	1,000	–	6,500	>83	–	170°	603	28	50,000	<b>01</b>
ST8A-1.2M 18W/840 230V EM G13	<b>4058075034235</b>	18	1,212mm	2,100	–	4,000	>83	–	170°	1,212	28	50,000	<b>01</b>
ST8A-1.2M 18W/865 230V EM G13	<b>4058075034211</b>	18	1,212mm	2,100	–	6,500	>83	–	170°	1,212	28	50,000	<b>01</b>
ST8A-1.5M 21W/840 230V EM G13	<b>4058075034273</b>	21	1,513mm	2,400	–	4,000	>83	–	170°	1,513	28	50,000	<b>01</b>
ST8A-1.5M 21W/865 230V EM G13	<b>4058075034259</b>	21	1,513mm	2,400	–	6,500	>83	–	170°	1,513	28	50,000	<b>01</b>
ST8A-1.2M 16W/840 230V EM HE G13	<b>4058075034310</b>	16	1,212mm	2,200	–	4,000	>83	–	170°	1,212	28	50,000	<b>01</b>
ST8A-1.2M 16W/865 220V EM HE G13	<b>4058075034297</b>	16	1,212mm	2,200	–	6,500	>83	–	170°	1,212	28	50,000	<b>01</b>
ST8A-1.2M 22W/840 230V EM HO G13	<b>4058075034358</b>	22	1,212mm	2,600	–	4,000	>83	–	170°	1,212	28	50,000	<b>01</b>
ST8A-1.2M 22W/865 230V EM HO G13	<b>4058075034334</b>	22	1,212mm	2,600	–	6,500	>83	–	170°	1,212	28	50,000	<b>01</b>

## SubstiTUBE® Advanced Gen6

ST8A-0.6M 10W/830 230V EM G13	<b>4058075011014</b>	10	603mm	950	–	3,000	>80	–	170°	603	27.5	50,000	<b>01</b>
ST8A-0.6M 10W/840 230V EM G13	<b>4052899405608</b>	10	603mm	1,000	–	4,000	>80	–	170°	603	27.5	50,000	<b>01</b>
ST8A-0.6M 10W/865 230V EM G13	<b>4052899405585</b>	10	603mm	1,000	–	6,500	>80	–	170°	603	27.5	50,000	<b>01</b>
ST8A-1.2M 21W/830 230V EM G13	<b>4058075010994</b>	21	1,212mm	2,000	–	3,000	>80	–	170°	1,212	27.5	50,000	<b>01</b>
ST8A-1.2M 21W/840 230V EM G13	<b>4052899405783</b>	21	1,212mm	2,100	–	4,000	>80	–	170°	1,212	27.5	50,000	<b>01</b>
ST8A-1.2M 21W/865 230V EM G13	<b>4052899405721</b>	21	1,212mm	2,100	–	6,500	>80	–	170°	1,212	27.5	50,000	<b>01</b>
ST8A-1.5M 24W/840 230V EM G13	<b>4052899405981</b>	24	1,513mm	2,400	–	4,000	>80	–	170°	1,513	27.5	50,000	<b>01</b>
ST8A-1.5M 24W/865 230V EM G13	<b>4052899405820</b>	24	1,513mm	2,400	–	6,500	>80	–	170°	1,513	27.5	50,000	<b>01</b>
ST8A-1.2M 18W/840 230V EM HE G13	<b>4052899415683</b>	18	1,212mm	2,200	–	4,000	>80	–	170°	1,212	27.5	50,000	<b>01</b>
ST8A-1.2M 18W/865 230V EM HE G13	<b>4052899415669</b>	18	1,212mm	2,200	–	6,500	>80	–	170°	1,212	27.5	50,000	<b>01</b>

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup> 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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup> L70/B50

# SubstiTUBE® ADVANCED



Item name	Product number (EAN)	W <sup>1</sup>	Replacement for fluorescent lamp <sup>2</sup>	lm <sup>1</sup>	cd	K	R <sub>a</sub>	⌚ <sup>2</sup>	△	l [mm]	d [mm]	t [h] <sup>3</sup>	No.
<b>SubstiTUBE® HF T8 Gen6</b>													
ST8A-1.2M 21W/840 230V HF G13*	4052899420564	21	1,212mm	2,100	–	4,000	>80	–	210°	1,212	27.5	40,000	01
ST8A-1.2M 21W/865 230V HF G13*	4052899420540	21	1,212mm	2,100	–	6,500	>80	–	210°	1,212	27.5	40,000	01
<b>SubstiTUBE® HF T5 Gen6</b>													
ST5A-1.2M 23W/840 230V HF G5*	4052899432307	23	1,163mm	2,500	–	4,000	>80	–	180°	1,162	17.8	40,000	02
ST5A-1.2M 23W/865 230V HF G5*	4052899432321	23	1,163mm	2,500	–	6,500	>80	–	180°	1,162	17.8	40,000	02

\* Target Ballast

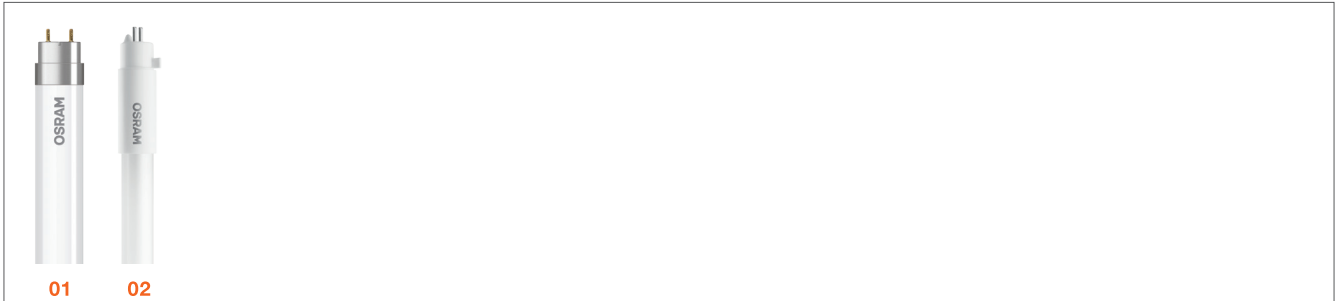
- ST8A-1.2M 21W/840 230V HF G13
- ST8A-1.2M 21W/865 230V HF G13
- ST5A-1.2M 23W/840 230V HF G5
- ST5A-1.2M 23W/865 230V HF G5

<sup>1</sup> All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

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# SubstiTUBE® VALUE



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for fluorescent lamp <sup>2</sup>	lm <sup>1</sup>	cd	K	R <sub>a</sub>	Beam angle <sup>2</sup>	Beam angle <sup>2</sup>	L [mm]	d [mm]	t [h] <sup>3</sup>	No.
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## SubstiTUBE® Value Gen7 - Fighter Tube

ST8V-0.6M 8W/830 230V EM G13	4058075034013	8	603mm	760	–	3,000	>80	–	210°	603	28	15,000	01
ST8V-0.6M 8W/840 230V EM G13	4058075033993	8	603mm	800	–	4,000	>80	–	210°	603	28	15,000	01
ST8V-0.6M 8W/865 230V EM G13	4058075033979	8	603mm	800	–	6,500	>80	–	210°	603	28	15,000	01
ST8V-1.2M 16W/830 230V EM G13	4058075034099	16	1,212mm	1,520	–	3,000	>80	–	210°	1,212	28	15,000	01
ST8V-1.2M 16W/840 230V EM G13	4058075034051	16	1,212mm	1,600	–	4,000	>80	–	210°	1,212	28	15,000	01
ST8V-1.2M 16W/865 230V EM G13	4058075034037	16	1,212mm	1,600	–	6,500	>80	–	210°	1,212	28	15,000	01
ST8V-1.5M 20W/830 230V EM G13	4058075034150	20	1,513mm	1,900	–	3,000	>80	–	210°	1,513	28	15,000	01
ST8V-1.5M 20W/840 230V EM G13	4058075034136	20	1,513mm	2,000	–	4,000	>80	–	210°	1,513	28	15,000	01
ST8V-1.5M 20W/865 230V EM G13	4058075034112	20	1,513mm	2,000	–	6,500	>80	–	210°	1,513	28	15,000	01

## SubstiTUBE® Value HF T5 Gen6

ST5V-0.6M 8W/840 230V HF G5*	4052899432246	8	563mm	850	–	4,000	>80	–	180°	563	17.8	30,000	02
ST5V-0.6M 8W/865 230V HF G5*	4052899432222	8	563mm	850	–	6,500	>80	–	180°	563	17.8	30,000	02
ST5V-1.2M 20W/840 230V HF G5*	4052899432284	20	1,163mm	2,100	–	4,000	>80	–	180°	1,163	17.8	30,000	02
ST5V-1.2M 20W/865 230V HF G5*	4052899432260	20	1,163mm	2,100	–	6,500	>80	–	180°	1,163	17.8	30,000	02

\* Target Ballast

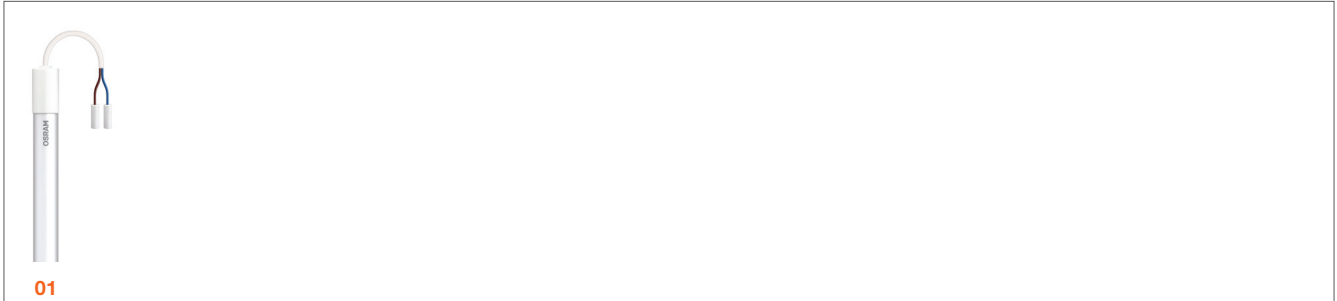
- ST5V-0.6M 8W/840 230V HF G5
- ST5V-0.6M 8W/865 230V HF G5
- ST5V-1.2M 20W/840 230V HF G5
- ST5V-1.2M 20W/865 230V HF G5

<sup>1</sup>All technical parameters apply to the complete lamp. Due to the complex manufacturing process of light emitting diodes, the specified typical values of the LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters or each individual product, which can deviate from the typical value

<sup>2</sup>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](http://www.ledvance.com/dim) and in the additional technical product information sheets linked there

<sup>3</sup>L70/B50

# SubstiTUBE®



Item name	Product number (EAN)	W <sup>1</sup>	Replace-ment for fluorescent lamp <sup>2</sup>	lm <sup>1</sup>	cd	K	R <sub>a</sub>	 <sup>2</sup>		 l (mm)	 d (mm)	 t (h) <sup>3</sup>	 No.
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## SubstiTUBE® Value - SL Tube (Signage)

ST8V-1.2M 17W/780 230V/AC SL*	4058075022805	17	—	1,800	—	8,000	≥70	—	130°	1,208	28	30,000	01
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\* Including accessory of connecting wire

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<sup>3</sup> L70/B50

## Our portfolio at a glance



### Reflector

### Classic

PAR16	MR16	MR11	AR111	PAR30/38	A	A	B	P	P	P	GLOBE	GLOBE
GU10	GU5.3	GU4	G53	E27	E27	B22D	E14	E27	E14	B22D	E27	B22D



#### PARATHOM®\*

x	x	-	x	x	-	-	-	-	-	-	-	-
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Premium lighting for professional applications

#### LED SUPERSTAR®

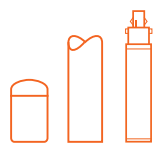
x	x	-	-	x	x	-	x	x	x	-	x	-
---	---	---	---	---	---	---	---	---	---	---	---	---

High quality and flexibility for all dimmable applications

#### LED STAR®

x	x	x	x	x	x	x	x	x	x	x	x	x
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A large RETROFIT portfolio in vintage design



### Special

PIN G9	PIN G4	G24
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#### PARATHOM® SPECIAL PIN

x	x	-
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PIN G9: For atmospheric lighting accents in living rooms and party basements, among other places  
PIN G4: For "starry sky" applications

#### DULUX D LED

-	-	x
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### Tubes

G13	G5
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#### SubstiTUBE® Advanced

x	x
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For demanding lighting installations with high luminous flux

#### SubstiTUBE® Value

x	x
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For cost-oriented lighting installations

\* With European Package. Product may have long leadtime on make-to-order basis. Thus, please consult LEDVANCE before placing orders

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§ L70/B50

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