

Radium



LED Lamps
18/19

Radium



LED GLS-lamp Replacement and Special Shapes

Comfortable light with Radium LED Lamps

- Classic Design
- Simple 1:1 exchange
- Low energy consumption
- Long service life
- Light on the spot

Range of applications

- Restaurants
- Hotels
- Bars
- Apartments and private residential buildings



			W	lm	 d mm l mm		 E27	 	 pcs	 E→A++	 h	
LED Star Classic A // Frosted												
1	4008597195372	RL-A40 DIM 827/F/E27	43319537	5,0	470	60	105	E27		10	A+	15 000
1	4008597195389	RL-A60 DIM 827/F/E27	43319538	7,5	806	60	105	E27		10	A+	15 000
1	4008597195402	RL-A75 DIM 827/F/E27	43319540	8,5	1 055	60	105	E27		10	A++	15 000
2	4008597195518	RL-A100 DIM 827/F/E27	43319551	14,0	1 521	70	135	E27		10	A+	20 000
LED Essence Classic A // Frosted												
3	4008597194276	RL-A40 827/F/E27	43219427	5,5	470	60	110	E27		10	A+	15 000
3	4008597194986	RL-A40 840/F/E27	43219498	5,5	470	60	110	E27		10	A+	15 000
3	4008597194290	RL-A60 827/F/E27	43219429	9,0	806	60	110	E27		10	A+	15 000
3	4008597190988	RL-A60 865/F/E27	42619098	9,0	806	60	112	E27		10	A+	15 000
3	4008597194313	RL-A75 827/F/E27	43219431	10,5	1 060	60	110	E27		10	A+	15 000
2	4008597194337	RL-A100 827/F/E27	43219433	14,0	1 521	60	120	E27		10	A+	15 000
2	4008597191282	RL-A100 840/F/E27	43019128	14,0	1 521	60	120	E27		10	A+	15 000
4	4008597191008	RL-A150 827/F/E27	42619100	20,0	2 452	67	143	E27		10	A+	15 000
LED Star Classic A // Filament												
5	4008597194351	RL-A60 DIM 827/C/E27 AL	43119435	6,5	806	60	105	E27		10	A++	15 000
LED Essence Classic A // Filament												
6	4008597190889	RL-A40 827/C/E27 AL	43019088	4,0	470	60	105	E27		10	A++	15 000
7	4008597190896	RL-A60 827/C/E27 AL	42619089	7,0	806	60	105	E27		10	A++	15 000



LED Star Mini-Ball // Frosted



1	4008597195532	RL-D40 DIM 827/F/E14	43119553	5,3	470	45	78	E14	●	10	A+	25 000

LED Essence Mini-Ball // Frosted

1	4008597191022	RL-D40 827/F/E14	43019102	5,7	470	45	88	E14	●	10	A+	15 000
2	4008597194993	RL-D40 827/F/E27	43219499	5,7	470	45	86	E27	●	10	A+	15 000
3	4008597194467	RL-D40 840/F/E14	43219446	4,0	470	45	78	E14	○	10	A++	15 000

LED Essence Mini-Ball // Filament

4	4008597190926	RL-D25 827/C/E14 AL	43019092	2,8	250	45	77	E14	●	10	A++	15 000
5	4008597190933	RL-D40 827/C/E14 AL	42619093	4,0	470	45	77	E14	●	10	A++	15 000

	W	lm										
			d mm	l mm						pcs	E→A++	L70 h



LED Star Candle // Frosted



				W	lm	d mm l mm					E→A++	L70
1	4008597195525	RL-C40 DIM 827/F/E14	43119552	5,7	470	35	106	E14		10	A+	20 000

LED Essence Candle // Frosted

2	4008597191183	RL-C40 827/F/E14	42919118	4,0	470	35	100	E14		10	A++	15 000
3	4008597191251	RL-C40 840/F/E14	43019125	5,0	470	37	108	E14		10	A+	10 000

LED Essence Candle // Filament

4	4008597190902	RL-C25 827/C/E14 AL	43019090	2,8	250	35	100	E14		10	A++	15 000
5	4008597190919	RL-C40 827/C/E14 AL	42619091	4,0	470	35	100	E14		10	A++	15 000



	W	lm	Light bulb icon		S14s	Temperature icon	Packing icon	E→A++	L70		
			d mm	l mm							
RaLEDina Star // Frosted											
1	4008597148170	RL-RAL2 120 DIM 827/0/S14S	42614817	15,0	1 000	29	1 000	S14s	5	A	20 000
RaLEDina Essence // Frosted											
2	4008597148095	RL-RAL1 35 827/0/S14D	42614809	3,5	260	29	300	S14d	10	A+	15 000
3	4008597148088	RL-RAL2 35 827/0/S14S	42614808	3,5	260	29	300	S14s	10	A+	15 000
4	4008597148118	RL-RAL1 60 827/0/S14D	42614811	6,0	470	29	500	S14d	10	A+	15 000
1	4008597148101	RL-RAL2 60 827/0/S14S	42614810	6,0	470	29	500	S14s	10	A+	15 000

RaLEDina Lamp holder

5	400356001237	RAL1/Holder/S14D	ZLFA0945	grey	82 x 46 x 34	RAL1	
6	400356204300	RAL2/Holder/S14S	ZLFA1530	white	67 x 36 x 36	RAL2	



				W	lm	 d mm l mm				 pcs	 E→A++	 h
LED Essence HRL // Clear												
1	4008597191077	RL-HRL125 840/E27	42619107	54,0	6 000	93	265	E27	○	6	A+	32 000
LED Essence DUO G24d // Frosted												
2	4008597180217	RL-DU018 840/G24D EM	43018021	7,0	700	35	148	G24d-2	○	10	A+	30 000
3	4008597180224	RL-DU026 840/G24D EM	43018022	10,0	1 000	35	171	G24d-3	○	10	A+	30 000
LED-Line Star R7s // Clear												
5	4008597194931	RL-TS 125 DIM 827/C/R7S	43119493	15,0	2 000	29	118	R7S	●	20	A++	25 000
LED-Line Essence R7s // Clear												
4	4008597194948	RL-TSK 60 827/C/R7S	43219494	7,0	806	29	78	R7S	●	20	A++	15 000
4	4008597194955	RL-TSK 75 827/C/R7S	43219495	8,0	1 055	29	78	R7S	●	20	A++	15 000
5	4008597194962	RL-TS 100 827/C/R7S	43219496	12,5	1 521	29	118	R7S	●	20	A++	15 000
5	4008597194979	RL-TS 125 827/C/R7S	43219497	15,0	2 000	29	118	R7S	●	20	A++	15 000

Radium



LED Spot



Spot on for professional application

- Classic design
- Simple 1:1 exchange with traditional halogen lamps
- Low energy consumption
- Long service life
- Light on the spot

Range of applications

- Shops
- Restaurants
- Hotels
- Bars
- Corridors
- Apartments and private residential buildings



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Glass

LED Star PAR16



	W	lm	d mm		l mm		GU10	Temperature	pcs	E→A++	L70 h	
1	4008597195143	RL-PAR16 35 DIM 927/WFL	43319514	4,5	230	51	55	GU10	○	10	A+	15 000
1	4008597195228	RL-PAR16 35 DIM 930/WFL	43319522	4,5	230	51	55	GU10	○	10	A+	15 000
1	4008597195174	RL-PAR16 50 DIM 927/WFL	43319517	5,9	350	51	55	GU10	○	10	A+	15 000
1	4008597195167	RL-PAR16 50 DIM 930/WFL	43319516	5,9	350	51	55	GU10	○	10	A+	15 000
1	4008597195150	RL-PAR16 50 DIM 940/WFL	43319515	5,9	350	51	55	GU10	○	10	A+	15 000
1	4008597195198	RL-PAR16 80 DIM 827/WFL	43319519	8,0	575	51	55	GU10	○	10	A+	15 000
1	4008597195181	RL-PAR16 80 DIM 830/WFL	43319518	8,0	575	51	55	GU10	○	10	A+	15 000

LED Essence PAR16

1	4008597190629	RL-PAR16 50 827/WFL	43019062	4,3	350	51	55	GU10	○	10	A+	15 000
1	4008597194818	RL-PAR16 50 830/WFL	43219481	3,6	350	51	55	GU10	○	10	A++	10 000
1	4008597191305	RL-PAR16 50 840/WFL	43019130	4,3	350	51	55	GU10	○	10	A+	15 000
1	4008597194832	RL-PAR16 50 865/WFL	43219483	4,3	350	51	55	GU10	○	10	A+	10 000
1	4008597190643	RL-PAR16 80 827/WFL	43019064	6,9	575	51	55	GU10	○	10	A+	10 000
1	4008597190636	RL-PAR16 80 840/WFL	43019063	6,9	575	51	55	GU10	○	10	A+	10 000



LED Star MR16



	W	lm	Lighting		Beam angle	Base	Temp. class	Packaging	Energy class	L70
			d mm	l mm						
1 4008597195211	5,0	350	51	46	GU5.3	○	10	A+	15 000	
1 4008597195204	5,0	350	51	46	GU5.3	○	10	A+	15 000	
2 4008597195419	7,8	621	51	53	GU5.3	○	10	A+	15 000	

LED Essence MR16

1 4008597190513	4,6	350	51	46	GU5.3	○	10	A+	15 000
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Glass

LED Star AR111



	W	lm	Light Dimensions		Beam Spread	Color	Temp	Pack	Efficacy	L70	
			d mm	l mm							
1 4008597195358	RL-AR111 75 DIM 930/FL	43319535	15,0	800	111	55	G53	●	6	A	35 000
1 4008597195365	RL-AR111 75 DIM 930/WFL	43319536	15,0	800	111	55	G53	●	6	A	35 000

Radium



LED Tubes

Can't beat it!

The energy saving LED Tubes.

- LED lamps for direct exchange with classic T8- and T5-fluorescent lamps (ECG or CCG operations)
- Uniform light distribution and high luminous flux
- High luminous flux also at low ambient temperatures
- Easy handling, no luminaire modification (change of lamp and starter with CCG operation)
- Classic Design with glass bulb
- Rotatable endcap (only Star Tube)

Range of applications

- Industrial illumination
- Parking lots
- Paths and corridors
- Maintenance rooms
- Indirect illumination
- Backlight



LED Star Tube T5 HO



			W	lm	d mm l mm					pcs	E→A++	L70 h
1	4008597195488	RL-T5 49 HO 840 UN	43519548	26,0	4 000	17	1449	G5	○	10	A++	60 000
1	4008597195495	RL-T5 54 HO 840 UN	43519549	27,0	4 000	17	1449	G5	○	10	A++	60 000
1	4008597195501	RL-T5 80 HO 840 UN	43519550	37,0	5 600	17	1449	G5	○	10	A++	60 000

LED Star Tube T5 HE



1	4008597195457	RL-T5 14 HE 840 UN	43519545	7,0	1 100	17	549	G5	○	10	A++	60 000
1	4008597195464	RL-T5 28 HE 840 UN	43519546	17,0	2 600	17	1149	G5	○	10	A++	60 000
1	4008597195471	RL-T5 35 HE 840 UN	43519547	18,0	2 800	17	1463	G5	○	10	A++	60 000

When replacing a conventional fluorescent lamp, the overall energy efficiency and light distribution depend on the design of the system.

Explanation pictograms



CCG – Suitable for operation on conventional control gear as well as directly at mains voltage (230V). When operated with CCG, the presently used starter must be replaced with the starter included in scope of delivery.



UN – Operation universally. T5 lamps may be operated with electronic ballast (ECG) as well as directly at mains voltage (230V). T8 lamps may be operated with electronic or conventional ballast. When operated with ECG, compatibility must be confirmed beforehand. Compatibility lists can be found at the Radium website.



LED Star Tube T8 UN

UN

			W	lm	d mm		l mm	G13	⊙	pcs	E→A++	L70 h
1	4008597195426	RL-T8 18 S 840 UN	43519542	7,5	1 100	28	600	G13	⊙	10	A++	50 000
1	4008597195433	RL-T8 36 S 840 UN	43519543	14,0	2 100	28	1200	G13	⊙	10	A++	50 000
1	4008597195440	RL-T8 58 S 840 UN	43519544	20,5	3 100	28	1500	G13	⊙	10	A++	50 000

LED Star Tube T8 EM

KVG
CCG

2	4008597195259	RL-T8 18 S 840 EM*	43319525	7,3	1 100	27	600	G13	⊙	10	A++	40 000
2	4008597195273	RL-T8 36 S 840 EM	43319527	14,0	2 100	27	1200	G13	⊙	10	A++	40 000
2	4008597195280	RL-T8 58 S 840 EM	43319528	20,6	3 100	27	1500	G13	⊙	10	A++	40 000

*Suitable for series connection

LED Essence Tube T8 EM

KVG
CCG

2	4008597195297	RL-T8 18 840 EM	43419529	7,6	800	27	600	G13	⊙	10	A+	25 000
2	4008597195303	RL-T8 18 865 EM	43419530	7,6	800	27	600	G13	⊙	10	A+	25 000
2	4008597195310	RL-T8 36 840 EM	43419531	16,2	1 700	27	1200	G13	⊙	10	A+	25 000
2	4008597195327	RL-T8 36 865 EM	43419532	16,2	1 700	27	1200	G13	⊙	10	A+	25 000
2	4008597195334	RL-T8 58 840 EM	43419533	19,1	2 000	27	1500	G13	⊙	10	A+	25 000
2	4008597191565	RL-T8 58 865 EM	43219156	19,1	1 800	26	1500	G13	⊙	10	A+	25 000

Only CCG operation, not suitable for series connection

When replacing a conventional fluorescent lamp, the overall energy efficiency and light distribution depend on the design of the system.

Technical Specifications

General Information

All the technical parameters apply to the entire lamp. Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value.

Dimming/ Controllability



Due to different technological concepts, the dimming behaviour of LED lamps with integrated electronics distinguishes from conventional incandescent or halogen lamps and thus, can be limited in certain cases. Under unfavourable conditions (many possible influences) the integral electronic components can lead to acoustic noise. More information about lamp dimmer compatibility you can find on www.radium.de/en/dim.

LED's Save Calculator



Find the right LED product for your light source. Moreover, you can calculate the savings potential of the energy costs in € and of the power consumption in KWh, as well as the payback period.



Radium

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