



# LED LIGHTS

SMD/COB/HI-POWER

Product name	Bulb type	LED type	LED Qty	Voltage	Wattage	Power system	Viewing angle [°]	Luminous flux [Lm]	CCT [Kelwin]	Dimensions [mm]	Base	Body
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## LED LIGHTS GU10

### LED LIGHTS GU10 COB

<b>EL-COB03</b>	JDR	COB 16-chip	1	220-240V 50-60 Hz	5.5W	full constant LED driver	110-120	384	2952	D50xH63	GU10	aluminum radiator, PVC
<b>EL-COB5</b>	JDR	COB 24-chip	1	220-240V 50-60 Hz	8W	full constant LED driver	110-120	504	3038	D50xH74	GU10	aluminum radiator, PVC
<b>EL-COB5 SM</b>	JDR	COB 57-chip	1	220-240V 50-60 Hz	5W	full constant LED driver	110-120	345	2988	D50xH65	GU10	aluminum radiator, PVC

### LED LIGHTS GU10 SMD

<b>EL-CER10</b>	JDR	SMD5630	10	220-240V 50-60 Hz	5W	full constant LED driver	90	400	3200K	D50xH55	GU10	ceramic, glass cloche
<b>EL-CER10 CW</b>	JDR	SMD5630	10	220-240V 50-60 Hz	5W	full constant LED driver	90	400	6000K	D50xH55	GU10	ceramic, glass cloche
<b>EL-CER8D</b> <i>Dimmer ready</i>	JDR	SMD5630	8	220-240V 50-60 Hz	5W	full constant LED driver	90	400	3200K	D50xH55	GU10	ceramic, glass cloche
<b>EL-CER8D CW</b> <i>Dimmer ready</i>	JDR	SMD5630	8	220-240V 50-60 Hz	5W	full constant LED driver	90	400	6000K	D50xH55	GU10	ceramic, glass cloche
<b>EL-SMB09</b>	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W	full constant LED driver	120-140	350	3000 - 3200	D50xH56	GU10	glass
<b>EL-SMB09 CW</b>	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W	full constant LED driver	120-140	350	6000	D50xH56	GU10	glass
<b>EL-SMB09 AL</b>	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W	full constant LED driver	120-140	350	3000 - 3200	D50xH56	GU10	aluminum + cloche
<b>EL-SMB09 AL CW</b>	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W	full constant LED driver	120-140	350	6000	D50xH56	GU10	aluminum + cloche

\*Q – power loss, taking into account the effective value of distorted waveforms .

<b>EL-SMB09 D</b> Dimmer ready	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W	full constant LED driver	120-140	350	3000 - 3200	D50xH56	GU10	glass
<b>EL-SMB09 CW D</b> Dimmer ready	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W	full constant LED driver	120-140	350	6000	D50xH56	GU10	glass
<b>EL-SML60-GU10</b>	JDR	SMD3528 1-chip	60	220-240V 50-60 Hz	3.5W+Q*	Graetz bridge	120	240	3000	D50xH56	GU10	glass
<b>EL-SML60-GU10 CW</b>	JDR	SMD3528 1-chip	60	220-240V 50-60 Hz	3.5W+Q*	Graetz bridge	120	240	6000	D50xH56	GU10	glass
<b>EL-SML48-GU10</b>	JDR	SMD3528 1-chip	48	220-240V 50-60 Hz	3W+Q*	Graetz bridge	120	220	3000	D50xH55	GU10	glass
<b>EL-SML48-GU10 CW</b>	JDR	SMD3528 1-chip	48	220-240V 50-60 Hz	3W+Q*	Graetz bridge	120	220	6000	D50xH55	GU10	glass
<b>EL-SMB07</b>	JDR	SMD5550 3-chip	21	220-240V 50-60 Hz	4.5W+Q*	Graetz bridge	120-140	300	3000 - 3200	D50xH56	GU10	glass + cloche
<b>EL-SMB07alu</b>	JDR	SMD5550 3-chip	21	220-240V 50-60 Hz	4.5W+Q*	Graetz bridge	120-140	300	3000 - 3200	D50xH56	GU10	aluminum, cloche
<b>EL-SMB04</b>	JDR	SMD5550 3-chip	12	220-240V 50-60 Hz	3.5W+Q*	Graetz bridge	120-140	180	3000 - 3200	D50xH56	GU10	glass + cloche
<b>EL-SMB08</b>	JDR	SMD5550 3-chip	21	220-240V 50-60 Hz	4.5W	full constant LED driver	120-140	300	3000 - 3200	D50xH56	GU10	glass
<b>EL-SML12-GU10</b>	mini JDR	SMD5050 3-chip	12	220-240V 50-60 Hz	2W+Q*	Graetz bridge	120	130	3200	D35xH50	GU10	glass
<b>EL-SMB09SE</b>	JDR	SMD5550 3-chip	24	220-240V 50-60 Hz	5W+Q*	Graetz bridge	120-140	350	3000 - 3200	D50xH56	GU10	glass + cloche
<b>LED LIGHTS GU10 HI-POWER</b>												
<b>EL-HP03</b>	JDR	High Power 1W	3	220-240V 50-60 Hz	3W	full constant LED driver	15-60	240	2700	D50xH60	GU10	aluminum radiator, PVC
<b>EL-HP03 CW</b>	JDR	High Power 1W	3	220-240V 50-60 Hz	3W	full constant LED driver	15-60	240	6000K	D50xH60	GU10	aluminum radiator, PVC
<b>LED LIGHTS MR16</b>												
<b>LED LIGHTS MR16 COB</b>												
<b>EL-COB5se MR16</b>	JDR	COB 57-chip	1	12V DC	5W	full constant LED driver	110-120	345	2988	D50xH65	MR16	aluminum radiator, PVC

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## LED LIGHTS MR16 SMD

<b>EL-CER10</b>	JDR	SMD5630	10	12V DC	5W	full constant LED driver	90	400	3200K	D50xH55	MR16	ceramic, glass cloche
<b>EL-CER10 CW</b>	JDR	SMD5630	10	12V DC	5W	full constant LED driver	90	400	6000K	D50xH55	MR16	ceramic, glass cloche
<b>EL-SMB08 MR16</b>	JDR	SMD5550 3-chip	21	12V DC	4.5W	full constant LED driver	120-140	300	3000 - 3200	D50xH45	MR16	aluminum, cloche
<b>EL-SMB08 MR16alu</b>	JDR	SMD5550 3-chip	21	12V DC	4.5W	full constant LED driver	120-140	300	3000 - 3200	D50xH46	MR16	aluminum, cloche
<b>EL-SMB08 MR16alu CW</b>	JDR	SMD5550 3-chip	21	12V DC	4.5W	full constant LED driver	120-140	300	6000	D50xH46	MR16	aluminum, cloche
<b>EL-SML60-MR16</b>	JDR	SMD3528 1-chip	60	12V DC	3W+Q*	Graetz bridge	120	240	3200	D50xH46	MR16	glass
<b>EL-SML60-MR16 CW</b>	JDR	SMD3528 1-chip	60	12V DC	3W+Q*	Graetz bridge	120	240	3200	D50xH46	MR16	glass

## LED LIGHTS MR16 HI-POWER

<b>EL-HP03 MR16</b>	JDR	High Power 1W	3	12V DC	3W	full constant LED driver	15-60	240	3000-3200	D50xH50	MR16	aluminum radiator, PVC
<b>EL-HP03 MR16 CW</b>	JDR	High Power 1W	3	12V DC	3W	full constant LED driver	15-60	240	6000	D50xH50	MR16	aluminum radiator, PVC

## LED LIGHTS MR11

<b>EL-SMB03</b>	JDR	SMD5550 3-chip	12	12V DC	2.5W	full constant LED driver	120-140	180	3000 - 3200	D36xH36	MR11	glass
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## LED LIGHTS E14

<b>EL-CER10</b>	JDR	SMD5630	10	220-240V 50-60 Hz	5W	full constant LED driver	90	400	3200K	D50xH77	E14	ceramic, glass cloche
<b>EL-CSMB27-M</b>	candle	SMD5550 3-chip	27	220-240V 50-60 Hz	5W	full constant LED driver	180	380	3000 - 3200	D36xH120	E14	aluminum radiator, PVC, Mat

<b>EL-CSMB27-T</b>	candle	SMD5550 3-chip	27	220-240V 50-60 Hz	5W	full constant LED driver	180	380	3000 - 3200	D36xH120	E14	aluminum radiator, PVC, Transparent
<b>EL-HPC03</b>	candle	Hi-Power SMD	3	220-240V 50-60 Hz	3W	full constant LED driver	≥180°	240	3000 - 3200	D37xH125	E14	aluminum radiator, PVC, flame
<b>EL-CSMB21</b>	JDR	SMD5550 3-chip	21	220-240V 50-60 Hz	4.5W+Q*	Graetz bridge	120-140	300	3000 - 3200	D50xH72	E14	glass
<b>EL-SML60-E14</b>	JDR	SMD3528 1-chip	60	220-240V 50-60 Hz	3.5W+Q*	Graetz bridge	120	240	3200	D50xH75	E14	glass
<b>EL-SML60-E14 CW</b>	JDR	SMD3528 1-chip	60	220-240V 50-60 Hz	3.5W+Q*	Graetz bridge	120	240	3200	D50xH75	E14	glass

## LED LIGHTS E27

<b>EL-CER10</b>	JDR	SMD5630	10	220-240V 50-60 Hz	5W	full constant LED driver	90	400	3200K	D50xH65	E27	ceramic, glass cloche
<b>EL-DSMB100</b>	typical bulb	SMD3528 1-chip	100	220-240V 50-60 Hz	6W	full constant LED driver	120	400	3000 - 3200	D40xH145	E27	aluminum radiator, PVC, cloche
<b>EL-COSMB102</b>	typical bulb	SMD5550 3-chip	102	220-240V 50-60 Hz	18W	full constant LED driver	180	1410	3000 - 3200	D72xH148	E27	aluminum PCB, PVC
<b>EL-COSMB72</b>	typical bulb	SMD5550 3-chip	72	220-240V 50-60 Hz	12W	full constant LED driver	180	1020	3000 - 3200	D50xH120	E27	aluminum PCB, PVC
<b>EL-COSMB44</b>	typical bulb	SMD5050 3-chip	44	220-240V 50-60 Hz	8W+Q*	full constant LED driver	120	572	3200	D35xH110	E27	PVC
<b>EL-COSMB24</b>	typical bulb	SMD5050 3-chip	24	220-240V 50-60 Hz	5W+Q*	Graetz bridge	120	320	3200	D30xH73	E27	PVC
<b>EL-GSMB27-M</b>	typical bulb	SMD5550 3-chip	27	220-240V 50-60 Hz	5W	full constant LED driver	180	380	3000 - 3200	D50xH110	E27	aluminum radiator, PVC, Mat
<b>EL-GSMB27-O</b>	typical bulb	SMD5550 3-chip	27	220-240V 50-60 Hz	5W	full constant LED driver	180	380	3000 - 3200	D50xH110	E27	aluminum radiator, PVC, Frosty
<b>EL-SML60-E27</b>	JDR	SMD3528 1-chip	60	220-240V 50-60 Hz	3.5W+Q*	Graetz bridge	120	240	3200	D50xH70	E27	glass

## LED LIGHTS G4

<b>EL-G4-2</b>	JC/G4	SMD5550 3-chip	10	12V DC	2W	Graetz bridge	120-140	160	3000 - 3200	D28	G4	-
<b>EL-G4-2 CW</b>	JC/G4	SMD5550 3-chip	10	12V DC	2W	Graetz bridge	120-140	160	6000	D28	G4	-
<b>EL-G4-1</b>	JC/G4	SMD5050 3-chip	3	12V DC	0.6W	Graetz bridge	120	40	3200	D20	G4	-
<b>EL-G4-1 CW</b>	JC/G4	SMD5050 3-chip	3	12V DC	0.6W	Graetz bridge	120	40	6000	D20	G4	-
<b>EL-G4-3</b>	JC/G4	SMD5050 3-chip	18	12V DC	3W	Graetz bridge	180	230	3200	D17xH40	G4	-

### LED LIGHTS G9

<b>EL-G9-2W</b>	G9	SMD5050 3-chip	24	220-240V 50-60 Hz	5W+Q*	Graetz bridge	180	380	3200	D33xH65	G9	PVC
<b>EL-G9-2W CW</b>	G9	SMD5050 3-chip	24	220-240V 50-60 Hz	5W+Q*	Graetz bridge	180	380	6000	D33xH65	G9	PVC

### LAMP AND CEILING LIGHTS

<b>EL-CL3</b>	frame	High Power 1W	3	220-240V 50-60Hz	3.5W	stand-alone power supply	60	240	3000	92x92x50	-	aluminum
<b>EL-CL9</b>	frame	High Power 3W	3	220-240V 50-60Hz	9.5W	stand-alone power supply	60	540	3000	92x92x90	-	aluminum
<b>EL-CLAR111</b>	frame	XLamp CREE MC-E, 4-chip	1	220-240V 50-60Hz	9.5W	stand-alone power supply	110	530	3000	D111xH61	-	aluminum
<b>EL-CLAR111- 120SMD</b>	frame	SMD3528 1-chip	120	12V DC	7.5W	Graetz bridge	110	550	3000	D110xH55	-	aluminum

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