

Accessories

LED and filament bulbs



LED bulbs

Description	Wavelength nm	Luminance mcd	Catalog number	Weight oz.
LED bulbs continued				
Rated voltage 230 V, AC/DC, rated current 4 mA, service life 25 000 h				
Red	630	60	KA2-2231	0.18
Green	525	500	KA2-2232	0.18
Yellow	592	70	KA2-2233	0.18
Blue	470	220	KA2-2234	0.18
White	¹⁾	350	KA2-2235	0.18

Note: Care should be taken for DC supply where + and - must be correctly connected. This is marked X1 (+) and X2 (-) on the product.

Choose the same color on the LED as on the lamp cap.

¹⁾ X=0.31, Y=0.32 according to the ICI Chromaticity Diagram.

Flashing LED bulbs

Rated voltage 24 V, DC rated current 25 mA

Description	Wavelength nm	Service life hours	Catalog number	Weight oz.
Red	630	50 000	4950 512-1	0.18
Green	565	50 000	4950 512-2	0.18
Yellow	585	50 000	4950 512-3	0.18

Note: Care should be taken for DC supply where + and - must be correctly connected. This is marked X1 (+) and X2 (-) on the product.

Choose the same color on the LED as on the lamp cap.

Filament bulbs BA 9s base

Rated voltage V m AC/DC	Rated current A	Rated output W	Service life h	Luminance mcd	Catalog number	Weight oz.
6	200	1.2	10 000	350	5911 086-11	0.071
12	100	1.2	10 000	203	5911 086-12	0.071
24	50	1.2	10 000	280	5911 086-13	0.071
30	40	1.2	10 000	250	5911 086-4	0.071
48	42	2	6 000	500	5911 086-5	0.071
60	20	1.2	5 000	190	5911 086-14	0.071
110	18	2	7 500	250	5911 086-7	0.071
130	15	2	7 500	120	5911 086-15	0.071

A lamp Changing Tool is required for changing bulb.

Lamp changing tool

For LED bulbs and for bulbs	KA1-8072	0.071
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A lamp changing tool is required for changing bulb.



Filament bulbs



Lamp changing tool