

Accessories

Filament bulbs

Ba 9s base Catalog No. of current: AC/DC. A lamp changing tool is required for changing bulb.

Description					Catalog No.	Ref. Code	List Price
Rated voltage V	Rated current mA	Rated output W	Service life h	Luminance mcd			
6	200	1.2	10 000	350	5911 086-11	5911 086-11	\$ 6.00
12	100	1.2	10 000	230	5911 086-12	5911 086-12	
24	50	1.2	10 000	280	5911 086-13	5911 086-13	
30	40	1.2	10 000	250	5911 086-4	5911 086-4	
48	42	2	6 000	500	5911 086-5	5911 086-5	
60	20	1.2	5 000	190	5911 086-14	5911 086-14	
110	18	2	7 500	250	5911 086-7	5911 086-7	
130	15	2	7 500	120	5911 086-15	5911 086-15	

LEDs

With one diode chip mounted on a Ba 9s base. Choose the same color for the LED and the lamp cap or else use a clear lamp cap.

For white light use white LED with clear lamp cap. At DC the lamp base have to be connected to cathode (-) and the bottom contact to anode (+).

Description					Catalog No.	Ref. Code	List Price
Color	Rated current mA	Wave-length nm	Luminance mcd				
Rated voltage 12 V, DC Service life >50 000 h							
Red	15	630	250		KA2-2011	1SFA 616 921 R2011	\$ 21.00
Green	15	525	1000		KA2-2012	1SFA 616 921 R2012	
Yellow	15	592	250		KA2-2013	1SFA 616 921 R2013	
Blue	15	470	450		KA2-2014	1SFA 616 921 R2014	
White	15	x=0.31 y=0.32	600		KA2-2015	1SFA 616 921 R2015	
Rated voltage 24 V, (AC)/DC ① Service life >50 000 h							
Red	15	630	250		KA2-2021	1SFA 616 921 R2021	15.00
Green	15	525	800		KA2-2022	1SFA 616 921 R2022	
Yellow	15	592	250		KA2-2023	1SFA 616 921 R2023	
Blue	15	470	400		KA2-2024	1SFA 616 921 R2024	
White	15	x=0.31 y=0.32	500		KA2-2025	1SFA 616 921 R2025	
Rated voltage 48 V, (AC)/DC ① Service life >50 000 h							
Red	12	630	200		KA2-2041	1SFA 616 921 R2041	21.00
Green	12	525	1700		KA2-2042	1SFA 616 921 R2042	
Yellow	12	592	240		KA2-2043	1SFA 616 921 R2043	
Blue	12	470	720		KA2-2044	1SFA 616 921 R2044	
White	12	x=0.31 y=0.32	1200		KA2-2045	1SFA 616 921 R2045	
Rated voltage 60 V, (AC)/DC ① Service life >50 000 h							
Red	10	630	160		KA2-2051	1SFA 616 921 R2051	21.00
Green	10	525	1400		KA2-2052	1SFA 616 921 R2052	
Yellow	10	592	200		KA2-2053	1SFA 616 921 R2053	
Blue	10	470	600		KA2-2054	1SFA 616 921 R2054	
White	10	x=0.31 y=0.32	1000		KA2-2055	1SFA 616 921 R2055	
Rated voltage 110-130 V, AC ① Service life 25 000 h							
Red	4-6	630	60-100		KA2-2131	1SFA 616 921 R2131	15.00
Green	4-6	525	500-850		KA2-2132	1SFA 616 921 R2132	
Yellow	4-6	592	70-120		KA2-2133	1SFA 616 921 R2133	
Blue	4-6	470	220-350		KA2-2134	1SFA 616 921 R2134	
White	4-6	x=0.31 y=0.32	350-600		KA2-2135	1SFA 616 921 R2135	
Rated voltage 110-130 V, AC/DC ① Service life 25 000 h							
Red	4-6	630	60-100		KA2-2141	1SFA 616 921 R2141	21.00
Green	4-6	525	500-850		KA2-2142	1SFA 616 921 R2142	
Yellow	4-6	592	70-120		KA2-2143	1SFA 616 921 R2143	
Blue	4-6	470	220-350		KA2-2144	1SFA 616 921 R2144	
White	4-6	x=0.31 y=0.32	350-600		KA2-2145	1SFA 616 921 R2145	
Rated voltage 230 V, AC ① Service life 25 000 h							
Red	4	630	60		KA2-2221	1SFA 616 921 R2221	21.00
Green	4	525	500		KA2-2222	1SFA 616 921 R2222	
Yellow	4	592	70		KA2-2223	1SFA 616 921 R2223	
Blue	4	470	220		KA2-2224	1SFA 616 921 R2224	
White	4	x=0.31 y=0.32	350		KA2-2225	1SFA 616 921 R2225	

① At AC the luminance is decreased with 30 % and there is also a slight flickering.