



# Lamp Cross-reference

This cross-reference includes industry-standard incandescent bulbs and corresponding VCC LED lamps. Many configurations, options, and colors are available within each model. We strongly suggest evaluating samples of any product prior to purchase.

VCC LED lamps offer significant cost-saving advantages over incandescent bulbs:

- 100,000-hour life vs. unpredictable incandescent bulb life
- cooler operation
- lower operating current
- vibration and shock resistance

VCC engineers have designed a vast product line to provide direct replacement of almost any incandescent bulb being used in illuminated push buttons, pilot lights, switches, or other indicator light applications.

Furthermore, VCC can modify most standard products or design an LED lamp to fit unique or custom applications. For technical support, please call us to discuss your application: (800) 522-5546.

To cross an incandescent bulb:

1. Locate the incandescent bulb number and the equivalent VCC LED lamp number in the cross-reference. The "X" in the VCC Part number is a variable representing the LED color (e.g. "R" for red, "G" for green, "A" for amber, "B" for blue, "O" for orange, "Y" for yellow, "W" for white) Verify your application parameters (actual supply voltage, built in resistor, socket type, polarity, ambient light conditions). Bi-polar options are available for most models.
2. Request a sample. For assistance us call at (800) 522-5546.

Part Number	Design Voltage	Base Description	VCC Model Number	Suggested VCC Part Number
3S6/5	120VAC	Candelabra Screw	MS502	MS502-X120-CW-BP
5ESB	5	Slide Number 5	5SB	5SB-NFX5H
6ESB	6	Slide Number 5	5SB	5SB-NFX6H
6S6	120VAC	Candelabra Screw	MS502	MS502-X120-CW-BP
12MB	12	Miniature Bayonet	MB403	MB403-X12-CX-BP
12PSB	12	Slide Number 5	5SB	5SB-NFX12H
12RB	12	Miniature Bayonet	MB402	MB402-X12-CW-BP
12RC	12	Candelabra Screw	MS502	MS502-X12-CW-BP
17	28	Sub-Miniature Wedge	WB201	WB201-NFX28H
18	14	Sub-Miniature Wedge	WB201	WB201-NFX15H
24CSB	24	Slide Number 5	5SB	5SB-NFX24H
24E	24	# 2 Slide Base	2SB	2SB-NFX24H
24ESB	24	Slide Number 5	5SB	5SB-NFX24H
24MB	24	Miniature Bayonet	MB403	MB403-X24-CW-BP
24PSB	24	Slide Number 5	5SB	5SB-NFX24H
24RB	24	Miniature Bayonet	MB402	MB402-X24-CW-BP
24RC	24	Candelabra Screw	MS502	MS502-X24-CW-BP
24X	24	# 2 Slide Base	2SB	2SB-NFX24H
28ESB	28	Slide Number 5	5SB	5SB-NFX28H
28MB	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
28PSB	28	Slide Number 5	5SB	5SB-NFX28H
28RB	28	Miniature Bayonet	MB402	MB402-X28-CW-BP
28RC	28	Candelabra Screw	MS502	MS502-X28-CW-BP
37	14	Sub-Miniature Wedge	WB201	WB201-NFX15H
44	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
46	6.3VAC	Miniature Screw	MS403	MS403-X6AC-CX
47	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
48D	48	Slide Number 3	2SB	2SB-NFX48H
48ESB	48	Slide Number 5	5SB	5SB-NFX48H
48MB	48	Miniature Bayonet	MB403	MB403-X48-CX-BP
48PSB	48	Slide Number 5	5SB	5SB-NFX48H
48RB	48	Miniature Bayonet	MB402	MB402-X48-CW-BP
48RC	48	Candelabra Screw	MS502	MS502-X48-CW-BP
52	14.4VAC	Miniature Screw	MS403	MS403-X15AC-CX
53	14.4VAC	Miniature Bayonet	MB403	MB403-X15AC-CX
55	7	Miniature Bayonet	MB403	MB403-X6-CX
56	5	Sub-Miniature Wedge	WB201	WB201-NFX5H
57	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
60MB	60	Miniature Bayonet	MB403	MB403-X60-CX-BP
60PSB	60	Slide Number 5	5SB	5SB-NWX60H
60RB	60	Miniature Bayonet	MB402	MB402-X60-CW-BP
60RC	60	Candelabra Screw	MS502	MS502-X60-CW-BP
73	14	Sub-Miniature Wedge	WB201	WB201-NFX15H
74	14	Sub-Miniature Wedge	WB201	WB201-NFX15H
79	6	Sub-Miniature Wedge	WB201	WB201-NFX6H
82	6.5	Double Contact Bayonet	DCB502	DCB502-X6-CW

Part Number	Design Voltage	Base Description	VCC Model Number	Suggested VCC Part Number
84	6.3VAC	Sub-Miniature Wedge	WB201	WB201-NFX6H
85	28	Sub-Miniature Wedge	WB201	WB201-NFX28H
86	6.3VAC	Sub-Miniature Wedge	WB201	WB201-NFX6H
120MB	120VAC	Miniature Bayonet	MB403	MB403-X120-CX
120PSB	120VAC	Slide Number 5	5SB	5SB-NWX120
120RB	120VAC	Miniature Bayonet	MB402	MB402-X120-CW
120RC	120VAC	Candelabra Screw	MS502	MS502-X120-CW
216	14.4VAC	Miniature Bayonet	MB403	MB403-X15AC-CX
239	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
240	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
256	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
302	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
304	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
306	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
308	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
313	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
316	6	Miniature Bayonet	MB403	MB403-X6-CX
327	28	Sub-Miniature Flange	MF200	MF200-NFX28H
328	6	Sub-Miniature Flange	MF200	MF200-NFX6H
330	14	Sub-Miniature Flange	MF200	MF200-NFX15H
334	28	Sub-Miniature Groove	MG200	MG200-NFX28H
335	28	Sub-Miniature Screw	MS200	MS200-NFX28H
336	14	Sub-Miniature Groove	MG200	MG200-NFX15H
337	6	Sub-Miniature Groove	MG200	MG200-NFX6H
342	6	Sub-Miniature Screw	MS200	MS200-NFX6H
345	6	Sub-Miniature Flange	MF200	MF200-NFX6H
349	6.3VAC	Sub-Miniature Flange	MF200	MF200-NFX6H
350	6.3VAC	Sub-Miniature Flange	MF200	MF200-NFX6H
356	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
363	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
369	28	Sub-Miniature Screw	MS200	MS200-NFX28H
370	18	Sub-Miniature Flange	MF200	MF200-NFX24H
373	14	Sub-Miniature Screw	MS200	MS200-NFX15H
376	28	Sub-Miniature Flange	MF200	MF200-NFX28H
377	6.3VAC	Sub-Miniature Flange	MF200	MF200-NFX6H
378	6.3VAC	Sub-Miniature Screw	MS200	MS200-NFX6H
379	6.3VAC	Sub-Miniature Groove	MG200	MG200-NFX6H
380	6.3VAC	Sub-Miniature Flange	MF200	MF200-NFX6H
381	6.3VAC	Sub-Miniature Flange	MF200	MF200-NFX6H
382	14	Sub-Miniature Flange	MF200	MF200-NFX15H
383	14	Sub-Miniature Screw	MS200	MS200-NFX15H
385	28	Sub-Miniature Flange	MF200	MF200-NFX28H
386	14	Sub-Miniature Groove	MG200	MG200-NFX15H
387	28	Sub-Miniature Flange	MF200	MF200-NFX28H
388	28	Sub-Miniature Groove	MG200	MG200-NFX28H
394	12	Sub-Miniature Flange	MF200	MF200-NFX12H

Part Number	Design Voltage	Base Description	VCC Model Number	Suggested VCC Part Number
398	6.3VAC	Sub-Miniature Groove	MG200	MG200-NFX6H
399	28	Sub-Miniature Screw	MS200	MS200-NFX28H
459	22	Sub-Miniature Flange	MF200	MF200-NFX24H
623	28	Single Contact Bayonet	MB502	MB502-X28-CW
755	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CW
756	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
757	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1204	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
1252	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
1302	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
1437	24	Miniature Bayonet	MB403	MB403-X24-CX-BP
1445	14.4VAC	Miniature Bayonet	MB403	MB403-X15AC-CX
1446	12	Miniature Screw	MS403	MS403-X12-CX-BP
1449	14	Miniature Screw	MS403	MS403-X15-CX-BP
1450	24	Miniature Bayonet	MB403	MB403-X24-CX-BP
1483	6	Miniature Screw	MS403	MS403-X6-CX
1487	14	Miniature Screw	MS403	MS403-X15-CX-BP
1488	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
1495	28	Miniature Bayonet	MB402	MB402-X28-CW-BP
1638	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
1692	28	Double Contact Bayonet	DCB502	DCB502-X28-CW
1768	6	Sub-Miniature Screw	MS200	MS200-NFX6H
1775	6.3VAC	Sub-Miniature Screw	MS200	MS200-NFX6H
1810	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
1813	14.4VAC	Miniature Bayonet	MB403	MB403-X15AC-CX
1815	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
1818	24	Miniature Bayonet	MB403	MB403-X24-CX-BP
1819	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1820	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1821	28	Miniature Screw	MS403	MS403-X28-CX-BP
1829	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1835	55	Miniature Bayonet	MB403	MB403-X60-CX-BP
1843	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1847	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
1850	5	Miniature Bayonet	MB403	MB403-X5-CX
1855	6.3VAC	Miniature Bayonet	MB402	MB402-X6AC-CX
1864	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1866	6.3VAC	Miniature Bayonet	MB403	MB403-X6AC-CX
1873	28	Miniature Bayonet	MB403	MB403-X28-CX-BP
1889	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
1891	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
1892	14.4VAC	Miniature Bayonet	MB403	MB403-X15AC-CX
1893	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
1895	14	Miniature Bayonet	MB403	MB403-X15-CX-BP
2314	28	Sub-Miniature Bi-Pin	BP202	BP202-NFX28H
2324	28	Sub-Miniature Bi-Pin	BP202	BP202-NFX28H

Part Number	Design Voltage	Base Description	VCC Model Number	Suggested VCC Part Number
2335	14	Sub-Miniature Bi-Pin	BP202	BP202-NFX15H
2337	6.3VAC	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
3149	5	Sub-Miniature Bi-Pin	BP202	BP202-NFX5H
7001	24	Sub-Miniature Bi-Pin	BP202	BP202-NFX24H
7003	24	Sub-Miniature Bi-Pin	BP202	BP202-NFX24H
7327	28	Sub-Miniature Bi-Pin	BP202	BP202-NFX28H
7328	6	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
7330	14	Sub-Miniature Bi-Pin	BP202	BP202-NFX15H
7332	5	Sub-Miniature Flange	MF200	MF200-NFX5H
7333	5	Sub-Miniature Flange	MF200	MF200-NFX5H
7335	5	Sub-Miniature Flange	MF200	MF200-NFX5H
7341	28	Sub-Miniature Flange	MF200	MF200-NFX28H
7349	6.3VAC	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
7361	5	Sub-Miniature Bi-Pin	BP202	BP202-NFX5H
7371	12	Sub-Miniature Bi-Pin	BP202	BP202-NFX12H
7373	14	Sub-Miniature Bi-Pin	BP202	BP202-NFX15H
7376	28	Sub-Miniature Bi-Pin	BP202	BP202-NFX28H
7377	6.3VAC	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
7380	6.3VAC	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
7381	6.3VAC	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
7382	14	Sub-Miniature Bi-Pin	BP202	BP202-NFX15H
7387	28	Sub-Miniature Bi-Pin	BP202	BP202-NFX28H
7876	28	Sub-Miniature Bi-Pin	BP202	BP202-NFX28H
7945	6	Sub-Miniature Bi-Pin	BP202	BP202-NFX6H
8362	14	Sub-Miniature Screw	MS200	MS200-NFX15H
8369	28	Sub-Miniature Screw	MS200	MS200-NFX28H
8384	28	Sub-Miniature Screw	MS200	MS200-NFX28H
8918	14	Sub-Miniature Flange	MF200	MF200-NFX15H