

Cold Cathode Fluorescent Lamps and Inverters

Tri-Phosphor-RGB White Lamps

Cold Cathode Fluorescent Lamp

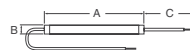
Dia. (mm)	Length (mm)	Start Volts (V)	Lamp Volts (V)	Lamp Curr. (mA)	Intensity (Cd./m ²)	Digi-Key Part No.	Price Each			JKL Part No.
							1	10	50	
2.0	125	700	280	5	38,000	289-1145-ND	7.47	6.76	5.70	BF20125-288
	218	1250	500	5	46,000	289-1107-ND	8.23	7.45	6.28	BF20218-248
	226	1275	510	5	46,000	289-1144-ND	8.84	8.01	6.74	BF20226-248
	228	1300	515	5	46,000	289-1146-ND	8.84	8.01	6.74	CF20228-318
	277	1560	625	5	38,000	289-1147-ND	8.84	8.01	6.74	CF20277-288
	292	1650	660	5	46,000	289-1108-ND	9.27	8.39	7.07	BF20292-248
2.2	140	800	370	5	38,000	289-1136-ND	7.47	6.76	5.70	BF22160-248
	160	1140	380	5	38,000	289-1148-ND	7.01	6.35	5.35	BF22180-288
	258	1700	720	5	38,000	289-1059-ND	7.47	6.76	5.70	BF2258-258
	312	1100	618	6	28,000	289-1169-ND	9.42	8.53	7.18	BF23312-248
	437	1400	835	5	38,000	289-1137-ND	10.51	9.51	8.01	BF24438-338
	2.3	61	490	195	5	30,000	289-1140-ND	7.47	6.76	5.70
2.6	180	1000	400	5	38,000	289-1054-ND	7.47	6.76	5.70	BF26180-248
	188	1300	525	5	38,000	289-1039-ND	7.47	6.76	5.70	BF26188-208
	214	1450	620	5	30,000	289-1060-ND	7.47	6.76	5.70	BF26214-208
	230	1175	495	5	30,000	289-1138-ND	9.27	8.39	7.07	BF26230-248
	240	1250	505	5	30,000	289-1055-ND	9.26	8.39	7.06	BF26240-248
	250	1300	525	5	30,000	289-1056-ND	9.26	8.39	7.06	BF26250-248
	285	1500	725	5	30,000	289-1057-ND	9.26	8.39	7.06	BF26285-208
	318	1636	676	5	34,000	289-1109-ND	9.27	8.39	7.07	BF26318-208
	346	1450	700	6	36,000	289-1149-ND	9.27	8.39	7.07	CF26346-378
	349	1715	730	5	30,000	289-1150-ND	9.27	8.39	7.07	CF26349-288
	360	1650	700	5	38,000	289-1139-ND	9.42	8.53	7.18	BF26360-208
	499	2100	1000	6	36,000	289-1151-ND	9.42	8.53	7.18	CF26499-378
600	2340	1125	6	36,000	289-1152-ND	9.42	8.53	7.18	CF26600-378	
2.9	25	400	165	5	19,000	289-1002-ND	7.47	6.76	5.70	BF325-228
	25	400	165	5	19,000	289-1154-ND	12.43	11.25	9.47	BF325-HG
	275	1475	590	5	28,000	289-1142-ND	9.27	8.39	7.07	BF3275-208
	380	1975	790	5	28,000	289-1143-ND	9.42	8.53	7.18	BF3380-248
	50	500	195	5	28,000	289-1003-ND	7.47	6.76	5.70	BF350-208
	75	525	210	5	28,000	289-1058-ND	7.47	6.76	5.70	BF375-208
3.0	86	540	220	5	28,000	289-1004-ND	7.47	6.76	5.70	BF386-208
	100	665	270	5	28,000	289-1005-ND	7.47	6.76	5.70	BF3100-208
	160	850	345	5	28,000	289-1006-ND	7.47	6.76	5.70	BF3160-208
	216	1100	440	5	28,000	289-1040-ND	7.47	6.76	5.70	BF3216-208
	228	1150	460	5	28,000	289-1007-ND	7.47	6.76	5.70	BF3228-218
	240	1150	480	5	28,000	289-1141-ND	9.27	8.39	7.07	BF3240-248
	250	1200	520	5	28,000	289-1008-ND	7.47	6.76	5.70	BF3250-208
	300	1350	665	5	28,000	289-1041-ND	9.26	8.39	7.06	BF3300-208
	360	1500	785	5	28,000	289-1042-ND	9.26	8.39	7.06	BF3360-208
	183	900	365	5	16,000	289-1043-ND	7.47	6.76	5.70	BF4183-208
	418	1400	765	5	15,000	289-1061-ND	9.94	9.00	7.58	BF4418-208
	4.85	142	800	260	5	9,500	289-1153-ND	7.47	6.76	5.70
5.6	118	800	305	5	7,000	289-1009-ND	7.47	6.76	5.70	BF5118-208
	165	800	400	5	7,000	289-1044-ND	7.47	6.76	5.70	BF5165-208
	200	850	445	5	7,000	289-1010-ND	7.47	6.76	5.70	BF5200-208
6.5	100	550	230	5	6,500	289-1012-ND	7.47	6.76	5.70	BF6100-208
	144	600	245	5	6,500	289-1045-ND	7.47	6.76	5.70	BF6144-208
	150	600	250	5	6,500	289-1013-ND	7.47	6.76	5.70	BF6150-208
	165	600	255	5	6,500	289-1046-ND	7.47	6.76	5.70	BF6165-208
	200	680	290	5	6,500	289-1015-ND	7.47	6.76	5.70	BF6200-208
	225	750	340	5	6,500	289-1016-ND	7.47	6.76	5.70	BF6225-208
262	850	350	5	6,500	289-1169-ND	7.47	6.76	5.70	BF6262-30A	

◆ RoHS Compliant

Narrow Spectrum Ultraviolet (UV) Lamps

Dia. (mm)	Length (mm)	Start Volts (V)	Operating Volts (V)	Watts @ 5mA	Output uW/cm ² @1"	Digi-Key Part No.	Price Each			JKL Part No.
							1	10	50	
3.0	25	350	140	0.70	0.30	289-1018-ND	7.47	6.76	5.70	BF325-UV1
3.0	50	500	195	0.98	0.30	289-1019-ND	7.47	6.76	5.70	BF350-UV1
3.0	100	675	270	1.35	0.25	289-1020-ND	7.47	6.76	5.70	BF3100-UV1
3.0	120	865	280	1.35	0.25	289-1021-ND	7.47	6.76	5.70	BF3120-UV1
3.0	240	950	500	2.50	0.25	289-1022-ND	7.47	6.76	5.70	BF3240-UV1
9.0	59	375	150	0.75	0.15	289-1023-ND	7.47	6.76	5.70	BF859-UV1/3

Fluorescent Lamp Assembly



Lamp Length A (mm)	Lamp Diameter B (mm)	Lead Length C (mm)	Digi-Key Part No.	1	10	50	JKL Part No.
258	2.2	150	289-1111-ND	13.90	12.58	10.60	BF2258-25B/DK01
100	3.0	150	289-1112-ND	11.21	10.14	8.54	BF3100-20B/DK01
160	3.0	150	289-1113-ND	11.21	10.14	8.54	BF3100-20B/DK01
250	3.0	150	289-1114-ND	12.50	11.32	9.53	BF3250-20B/DK01
418	4.1	150	289-1115-ND	14.91	13.50	11.37	BF4418-20B/DK01

Inverters for Electroluminescent (EL) Backlighting

Input Voltage Range (dc)	EL Element Area (cm ²)	Digi-Key Part No.	1	10	50	JKL Part No.
3.0 - 5.5	10 - 19	289-1028-ND	14.16	12.75	11.33	NDL-201
	19 - 38	289-1029-ND	14.16	12.75	11.33	NDL-202
	20 - 60	289-1132-ND*	17.92	16.21	13.65	NDL-104LP
	25 - 43	289-1030-ND	14.16	12.75	11.33	NDL-203
	41 - 70	289-1031-ND	14.16	12.75	11.33	NDL-204
	50 - 83	289-1032-ND	14.16	12.75	11.33	NDL-205
	100 - 170	289-1033-ND	14.16	12.75	11.33	NDL-217

* Low Profile

Inverters for CCFL and UV Lamps

Input Volts	Output Volts (V)	I (mA)	Inverter Characteristics	Digi-Key Part No.	Price Each			JKL Part No.
					1	10	50	
3.0	650	4.5	Fixed Single Output	289-1062-ND	9.60	8.69	7.32	BXA-302
5.0	650	4.5		289-1047-ND	10.98	10.07	8.70	BXA-502
5.0	700	5.0		289-1134-ND	8.80	8.07	6.97	BXA-501
6.0	1200	5.0		289-1064-ND	10.85	9.83	8.28	BXA-503
12.0	700	5.5		289-1049-ND	10.98	10.07	8.70	BXA-12553
12.0	800	4.0		289-1050-ND	10.98	10.07	8.70	BXA-12576
12.0	800	4.0	289-1051-ND	10.98	10.07	8.70	BXA-12577	
12.0	850	5.5	Fixed Dual Output	289-1048-ND†	15.48	14.01	11.80	BXA-12529-PS1
12.0	1000	5.5		289-1025-ND	10.98	10.07	8.70	BXA-12529
24.0	1000	5.5		289-1027-ND	10.98	10.07	8.70	BXA-24529
12.0	1200	5.0	Dimming Single Output	289-1167-ND	9.60	8.69	7.32	BXA-12665-5M
12.0	1800	7.0	Dual Output	289-1119-ND	44.55	40.31	33.95	BXA-12610-7M

Accessories

Input Conn. Assembly for BXA-12579	289-1037-ND◆	1.45	—	—	BXC-10605
Output Conn. Assembly for BXA-12579	289-1038-ND	1.82	—	—	BXC-10569
Output Connector Assembly for BXA-12553 and BXA-501	289-1052-ND◆	1.45	—	—	BXC-10566
Input Conn. Assembly for BXA-12379	289-1158-ND◆	1.91	1.73	1.46	BXC-12379/ICON
Output Connector Assembly for Single BXA-12379	289-1159-ND◆	1.52	1.38	1.17	BXC-12379/OC0N1
Output Connector Assembly for Dual BXA-12379	289-1160-ND◆	2.29	2.07	1.75	BXC-12379/OC0N2
Input Conn. Assembly for BXA-12563	289-1161-ND◆	1.91	1.73	1.46	BXC-10546
Output Conn. Assembly for BXA-12563	289-1162-ND◆	1.91	1.73	1.46	BXC-10567
Input Connector Assembly for BXA-12630-5.5M	289-1163-ND◆	2.29	2.07	1.75	BXC-10694
Output Connector Assembly for BXA-12630-5.5M	289-1164-ND◆	1.91	1.73	1.46	BXC-10685
Input Connector for BXA-12549-6M	289-1066-ND◆	1.91	1.73	1.46	BXC-10550
Output Connector for BXA-12549-6M	289-1067-ND◆	1.91	1.73	1.46	BXC-10655
Input Connector for BXA-12617C-6M	289-1068-ND◆	1.91	1.73	1.46	BXC-10580
Output Connector for BXA-12617C-6M, BXA-12592-3M, BXA-12598-5M, BXA-12610-7M and BXA-12613-7M	289-1069-ND◆	1.91	1.73	1.46	BXC-10643
Input Connector for BXA-503	289-1070-ND◆	1.91	1.73	1.46	BXC-10574
Output Connector for BXA-503	289-1071-ND◆	1.91	1.73	1.46	BXC-10585
Input Connector for BXA-12592-3M, BXA-12598-5M and BXA-12594-5M	289-1121-ND◆	2.11	1.91	1.61	BXC-10549
Output Connector for BXA-12594-5M	289-1123-ND◆	1.91	1.73	1.46	BXC-10689
Input Connector for BXA-12610-7M and BXA-12613-7M	289-112				