

COMPACT FLUORESCENT BALLASTS

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HOW TO READ A COMPACT FLUORESCENT BALLAST TABLE

PRODUCT CODE
Abbreviated product description can also be used for ordering.

BALLAST FACTOR
Ratio of the lamp's lumen output on the specified ballast to the lamp's lumen output when operated by a reference ballast.

CASE DIMENSIONS
Specifies ballast overall length, mounting length, width, and height.

INPUT VOLTS
Voltage required from a power supply for proper ballast operation.

INPUT POWER
Total power input to the ballast which includes lamp watts and ballast losses.

WIRING DIAGRAM
References the wiring diagram to use.

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PL5S/E/2G7																	
1	5	PS	120	52102	EP2CF13PS/MV/DC/K	0.06	8	0.98	1.10	<10	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
	5	PS	277	52102	EP2CF13PS/MV/DC/K	0.03	9	0.89	1.10	<15	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
2	5	PS	120	52102	EP2CF13PS/MV/DC/K	0.11	14	0.99	1.05	<10	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"
	5	PS	277	52102	EP2CF13PS/MV/DC/K	0.05	14	0.99	1.05	<10	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"

LAMP TYPE
Indicates the type of lamp that the ballast will operate.

PRODUCT NUMBER
Use this number when placing an order.

LINE CURRENT
The current that results when the line voltage is applied to a load.

POWER FACTOR
Watts to volt amps ratio, which measures efficiency of a ballast's power usage.

THD%
Indicates percentage of Total Harmonic Distortion.

MIN STARTING TEMP.
References minimum ambient temperature that the ballast will reliably start a lamp.

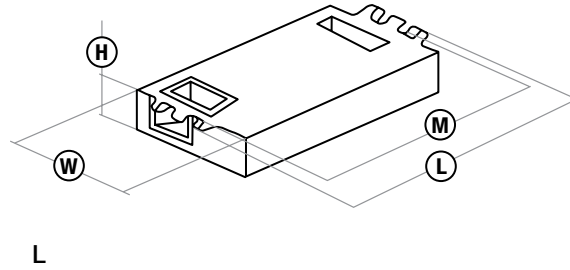
CASE
References the ballast's case shape.

COMPACT FLUORESCENT BALLASTS

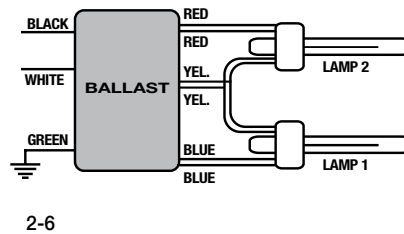
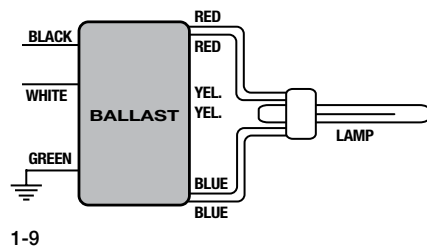
PL Single Tube

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PL5S/E/2G7																	
1	5	PS	120	52102	EP2CF13PS/MV/DC/K	0.06	8	0.98	1.10	<10	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
	5	PS	277	52102	EP2CF13PS/MV/DC/K	0.03	9	0.89	1.10	<15	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
2	5	PS	120	52102	EP2CF13PS/MV/DC/K	0.11	14	0.99	1.05	<10	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"
	5	PS	277	52102	EP2CF13PS/MV/DC/K	0.05	14	0.99	1.05	<10	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"
PL7S/E/2G7																	
1	7	PS	120	52102	EP2CF13PS/MV/DC/K	0.08	11	0.98	1.07	<10	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
	7	PS	277	52102	EP2CF13PS/MV/DC/K	0.04	11	0.91	1.07	<15	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
2	7	PS	120	52102	EP2CF13PS/MV/DC/K	0.14	20	0.99	1.03	<10	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"
	7	PS	277	52102	EP2CF13PS/MV/DC/K	0.06	16	0.97	1.03	<12	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"
PL9S/E/2G7																	
1	9	PS	120	52102	EP2CF13PS/MV/DC/K	0.10	12	0.99	1.05	<10	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
	9	PS	277	52102	EP2CF13PS/MV/DC/K	0.05	13	0.94	1.05	<15	0°F	1-9	L	5.00"	4.63"	2.40"	1.00"
2	9	PS	120	52102	EP2CF13PS/MV/DC/K	0.18	22	0.99	1.02	<10	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"
	9	PS	277	52102	EP2CF13PS/MV/DC/K	0.08	21	0.97	1.02	<12	0°F	2-6	L	5.00"	4.63"	2.40"	1.00"

Case Diagram



Wiring Diagrams



COMPACT FLUORESCENT BALLASTS

PL Double Tube

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height

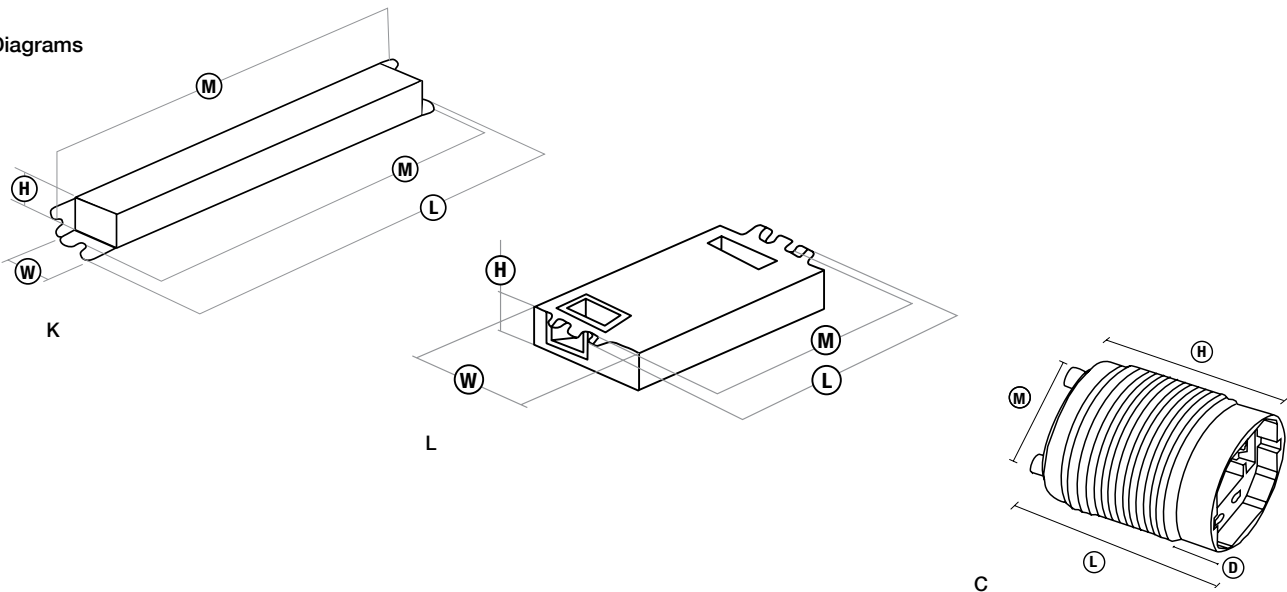
PL13D/E/G24q

1	13	RS	120	50104	E114RS/120	0.22	14	0.53	0.95	<130	0°F	1-5	K	5.90"	5.60"	0.91"	0.76"
	13	PS	120	52102	EP2CF13PS/MV/DC/K	0.16	16	0.96	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	13	PS	277	52102	EP2CF13PS/MV/DC/K	0.07	16	0.96	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
2	13	RS	120	52200	E1CF13RS/120/GU24	0.22	14	0.54	1.02	<150	0°F	-	C	2.32"	1.54"	0.90"	1.97"
	13	PS	120	52102	EP2CF13PS/MV/DC/K	0.27	29	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	13	PS	277	52102	EP2CF13PS/MV/DC/K	0.12	29	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"

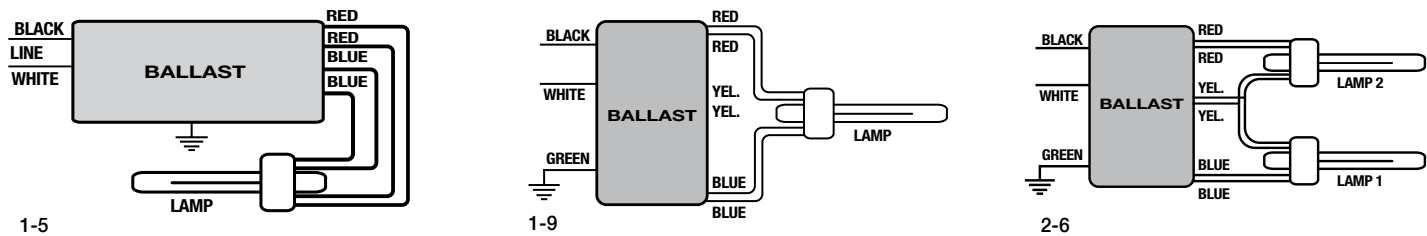
PL18D/E/G24q

1	18	PS	120	52102	EP2CF13PS/MV/DC/K	0.17	20	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	18	PS	277	52102	EP2CF13PS/MV/DC/K	0.07	20	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	18	PS	120	52104	EP2CF18PS/MV/DC/K	0.16	19	0.97	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
2	18	PS	277	52104	EP2CF18PS/MV/DC/K	0.07	19	0.97	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	18	PS	120	52104	EP2CF18PS/MV/DC/K	0.30	35	0.99	0.95	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	18	PS	277	52104	EP2CF18PS/MV/DC/K	0.13	35	0.99	0.95	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"

Case Diagrams



Wiring Diagrams

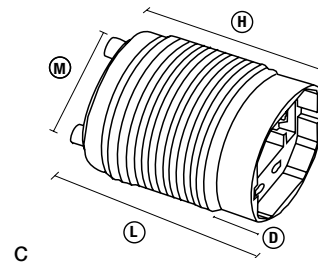
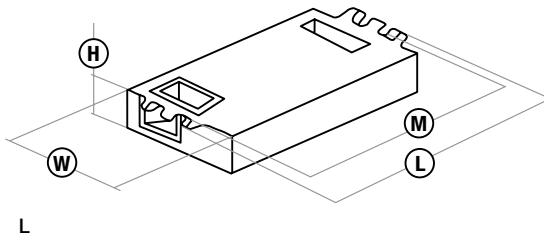


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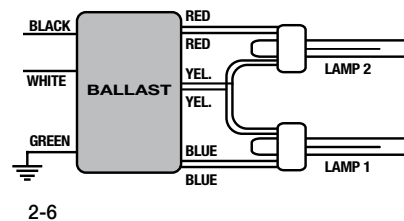
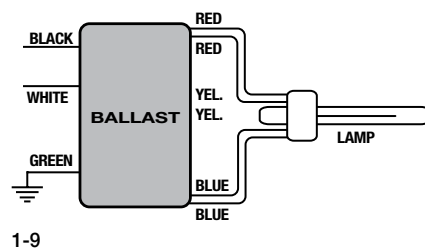
PL Double Tube

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PL26D/E/G24q																	
1	26	PS	120	52104	EP2CF18PS/MV/DC/K	0.24	28	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	277	52104	EP2CF18PS/MV/DC/K	0.10	28	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	120	52106	EP2CF26PS/MV/DC/K	0.24	27	0.98	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	277	52106	EP2CF26PS/MV/DC/K	0.11	27	0.98	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	120	52108	EP2CF42PS/MV/DC/K	0.27	32	0.99	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	26	PS	277	52108	EP2CF42PS/MV/DC/K	0.13	32	0.95	1.00	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	26	RS	120	52202	E1CF26RS/120/GU24	0.32	22	0.57	0.80	<150	0°F	-	C	2.32"	0.95"	1.54"	1.97"
2	26	PS	120	52106	EP2CF26PS/MV/DC/K	0.45	51	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	26	PS	277	52106	EP2CF26PS/MV/DC/K	0.19	51	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	26	PS	120	52108	EP2CF42PS/MV/DC/K	0.45	54	0.99	0.90	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	26	PS	277	52108	EP2CF42PS/MV/DC/K	0.21	54	0.97	0.90	<12	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"

Case Diagrams



Wiring Diagrams



COMPACT FLUORESCENT BALLASTS

PL Triple Tube

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height

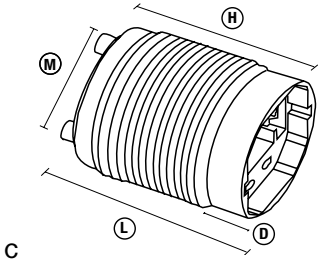
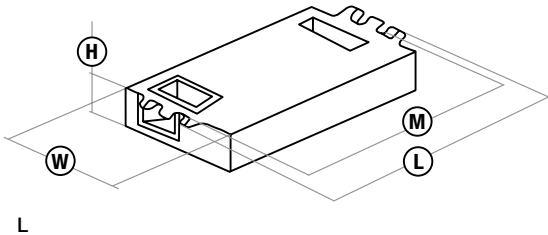
PL18T/E/GX24q

1	18	PS	120	52102	EP2CF13PS/MV/DC/K	0.17	17	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	18	PS	277	52102	EP2CF13PS/MV/DC/K	0.07	17	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	18	PS	120	52104	EP2CF18PS/MV/DC/K	0.17	20	0.97	1.05	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	18	PS	277	52104	EP2CF18PS/MV/DC/K	0.08	20	0.97	1.05	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
2	18	PS	120	52104	EP2CF18PS/MV/DC/K	0.33	39	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	18	PS	277	52104	EP2CF18PS/MV/DC/K	0.14	39	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"

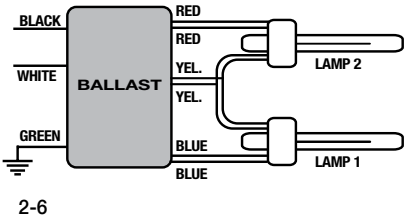
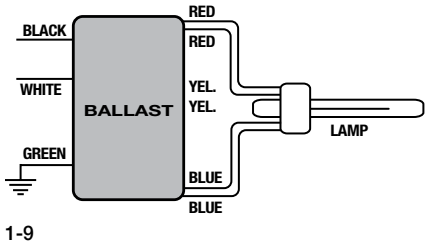
PL26T/E/GX24q

1	26	PS	120	52104	EP2CF18PS/MV/DC/K	0.24	28	0.99	1.00	< 12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	277	52104	EP2CF18PS/MV/DC/K	0.10	28	0.99	1.00	<12	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	120	52106	EP2CF26PS/MV/DC/K	0.23	29	0.98	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	277	52106	EP2CF26PS/MV/DC/K	0.10	29	0.98	1.00	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	26	PS	120	52108	EP2CF42PS/MV/DC/K	0.27	32	0.99	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	26	PS	277	52108	EP2CF42PS/MV/DC/K	0.13	32	0.95	1.00	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	26	RS	120	52202	E1CF26RS/120/GU24	0.32	22	0.57	0.80	<150	0°F	-	C	2.32"	0.95"	1.54"	1.97"
	26	PS	120	52106	EP2CF26PS/MV/DC/K	0.45	54	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	26	PS	277	52106	EP2CF26PS/MV/DC/K	0.19	54	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	26	PS	120	52108	EP2CF42PS/MV/DC/K	0.45	54	0.99	0.90	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	26	PS	277	52108	EP2CF42PS/MV/DC/K	0.21	54	0.97	0.90	<12	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	26	PS	277	52108	EP2CF42PS/MV/DC/K	0.21	54	0.97	0.90	<12	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"

Case Diagrams



Wiring Diagrams

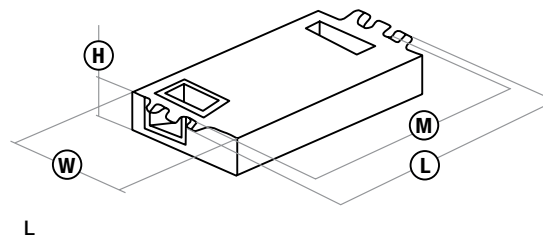


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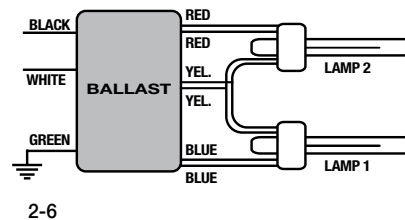
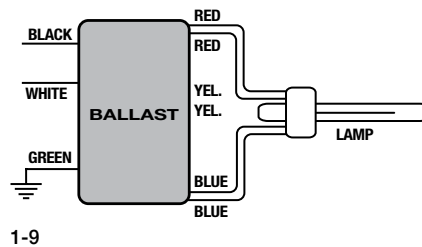
PL Triple Tube

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PL32T/E/GX24q																	
1	32	PS	120	52106	EP2CF26PS/MV/DC/K	0.26	36	0.98	0.98	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	32	PS	277	52106	EP2CF26PS/MV/DC/K	0.13	36	0.98	0.98	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	32	PS	120	52108	EP2CF42PS/MV/DC/K	0.35	42	0.99	0.96	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	32	PS	277	52108	EP2CF42PS/MV/DC/K	0.13	42	0.96	0.96	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	32	PS	120	52108	EP2CF42PS/MV/DC/K	0.53	63	0.99	0.95	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	32	PS	277	52108	EP2CF42PS/MV/DC/K	0.23	63	0.98	0.95	<12	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
PL42T/E/GX24q																	
1	42	PS	120	52106	EP2CF26PS/MV/DC/K	0.38	46	0.98	0.98	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	42	PS	277	52106	EP2CF26PS/MV/DC/K	0.17	46	0.98	0.98	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	42	PS	120	52108	EP2CF42PS/MV/DC/K	0.40	47	0.99	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	42	PS	277	52108	EP2CF42PS/MV/DC/K	0.18	47	0.96	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	42	PS	120	52108	EP2CF42PS/MV/DC/K	0.77	94	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	42	PS	277	52108	EP2CF42PS/MV/DC/K	0.38	93	0.98	1.00	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
PL57T/E/GX24q																	
1	57	PS	120	52106	EP2CF26PS/MV/DC/K	0.43	56	0.99	0.85	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	57	PS	277	52106	EP2CF26PS/MV/DC/K	0.19	56	0.99	0.85	<10	0°F	1-9	L	5.00"	4.63"	2.41"	1.00"
	57	PS	120	52108	EP2CF42PS/MV/DC/K	0.49	58	0.99	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	57	PS	277	52108	EP2CF42PS/MV/DC/K	0.22	58	0.97	1.00	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"

Case Diagram



Wiring Diagrams

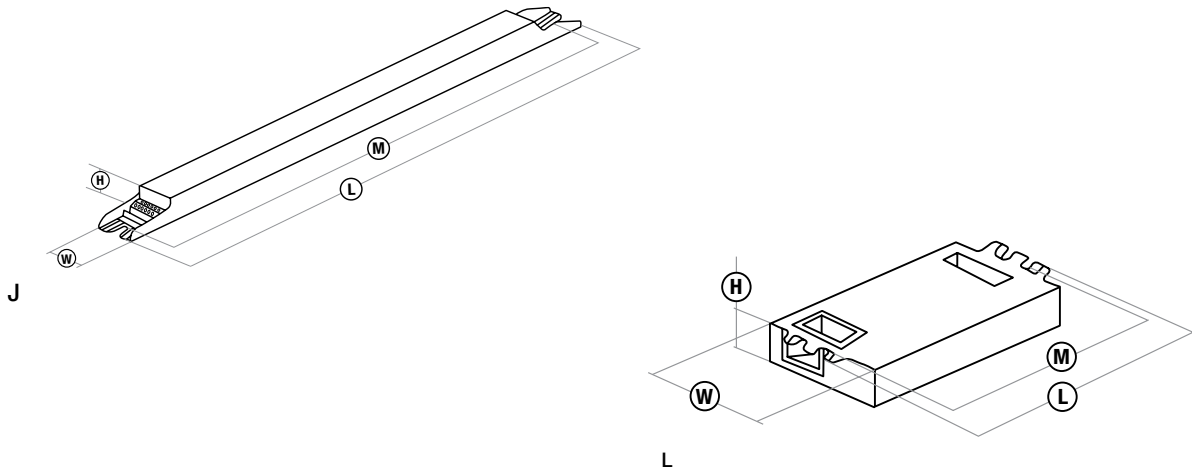


COMPACT FLUORESCENT BALLASTS

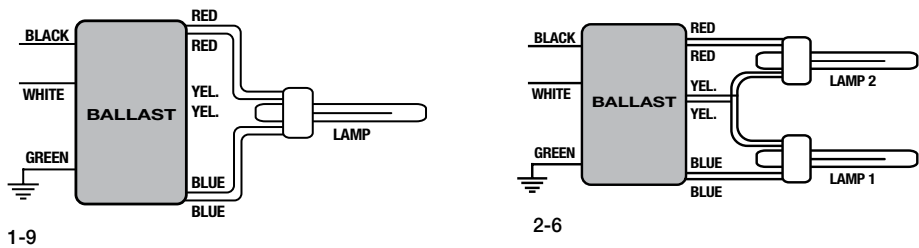
PLL High Lumen

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PLL18/2G11																	
2	18	PS	120	52106	EP2CF26PS/MV/DC/K	0.31	35	0.99	0.92	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	18	PS	277	52106	EP2CF26PS/MV/DC/K	0.14	35	0.99	0.92	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
PLL24/2G11																	
1	24	PS	120	50142	EP239HO/PS/MV	0.24	29	0.98	1.12	<20	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	24	PS	277	50142	EP239HO/PS/MV	0.12	29	0.98	1.12	<20	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	24	PS	120	52108	EP2CF42PS/MV/DC/K	0.22	27	0.99	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	24	PS	277	52108	EP2CF42PS/MV/DC/K	0.11	28	0.92	1.00	<15	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	24	PS	120	50142	EP239HO/PS/MV	0.46	54	0.98	1.10	<10	0°F	2-6	J	16.90"	16.00"	1.20"	1.00"
	24	PS	277	50142	EP239HO/PS/MV	0.20	54	0.98	1.10	<10	0°F	2-6	J	16.90"	16.00"	1.20"	1.00"
	24	PS	120	52106	EP2CF26PS/MV/DC/K	0.43	48	0.99	0.93	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	24	PS	277	52106	EP2CF26PS/MV/DC/K	0.18	48	0.99	0.93	<10	0°F	2-6	L	5.00"	4.63"	2.41"	1.00"
	24	PS	120	52108	EP2CF42PS/MV/DC/K	0.45	54	0.99	1.00	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	24	PS	277	52108	EP2CF42PS/MV/DC/K	0.20	54	0.97	1.00	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"

Case Diagrams



Wiring Diagrams

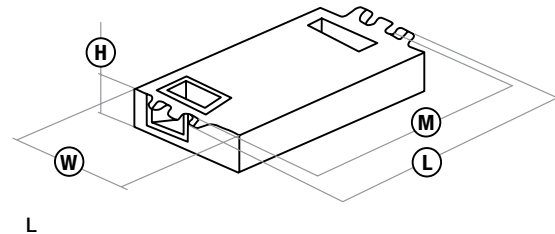
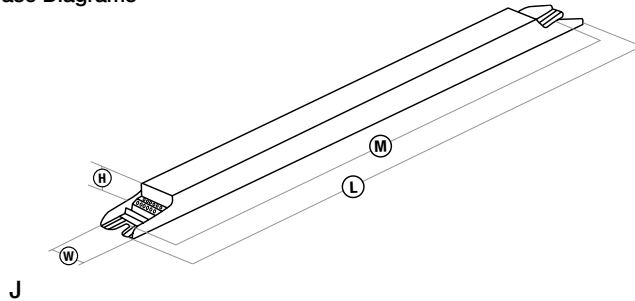


COMPACT FLUORESCENT BALLASTS

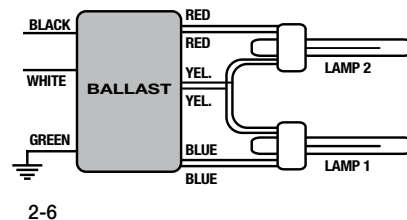
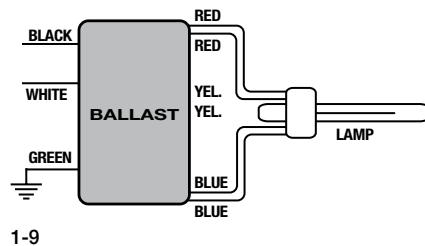
PLL High Lumen

Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PLL36/2G11																	
1	36	PS	120	50142	EP239HO/PS/MV	0.30	36	0.98	0.96	<15	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	36	PS	277	50142	EP239HO/PS/MV	0.20	36	0.98	0.96	<15	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	36	PS	120	52108	EP2CF42PS/MV/DC/K	0.31	37	0.99	0.88	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	36	PS	277	52108	EP2CF42PS/MV/DC/K	0.14	37	0.95	0.88	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	36	PS	120	50142	EP239HO/PS/MV	0.59	69	0.94	0.94	<10	0°F	2-6	J	16.90"	16.00"	1.20"	1.00"
	36	PS	277	50142	EP239HO/PS/MV	0.25	69	0.98	0.94	<10	0°F	2-6	J	16.90"	16.00"	1.20"	1.00"
	36	PS	120	52108	EP2CF42PS/MV/DC/K	0.55	66	0.99	0.80	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	36	PS	277	52108	EP2CF42PS/MV/DC/K	0.24	65	0.98	0.80	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"

Case Diagrams



Wiring Diagrams



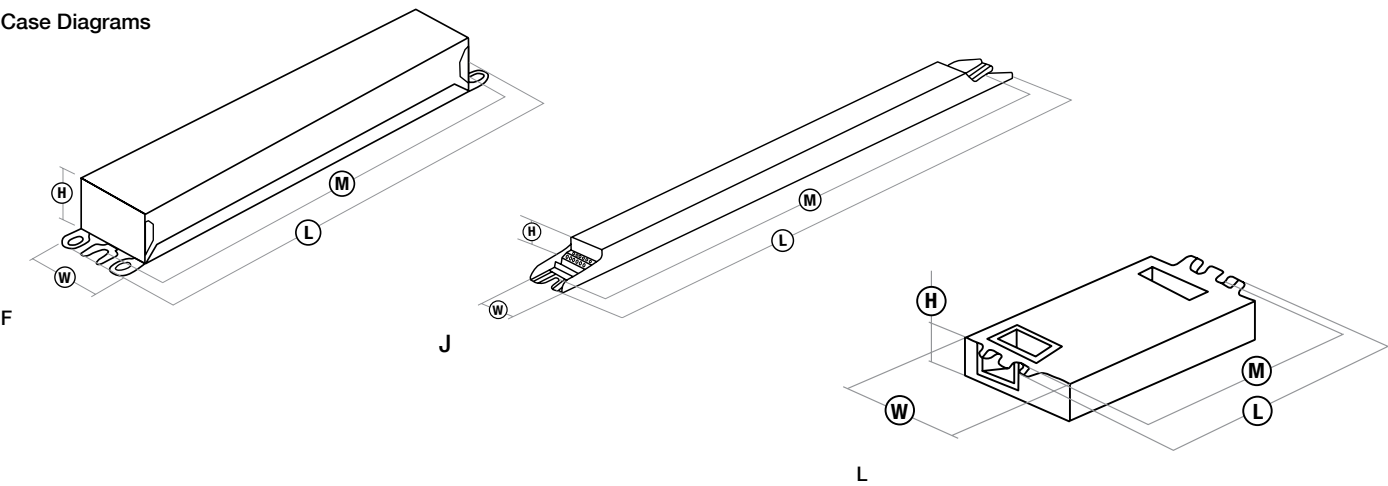
COMPACT FLUORESCENT BALLASTS

PLL High Lumen

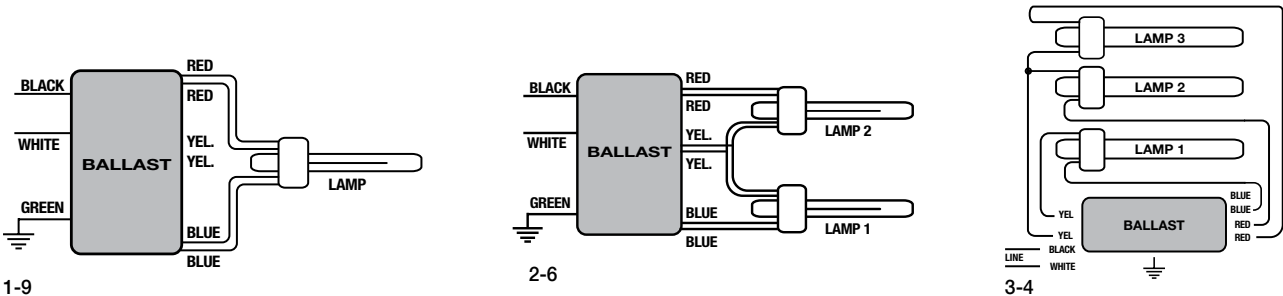
Lamp Type			Input Volts	Product Number	Product Code	Line Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	THD %	Min. Start Temp	Wire Diag.	Case	Case Dimensions			
Qty.	Watts	Start Type												Length	Mounting	Width	Height
PLL40/2G11																	
1	40	PS	120	50142	EP239HO/PS/MV	0.42	50	0.98	1.10	<10	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	40	PS	277	50142	EP239HO/PS/MV	0.19	50	0.98	1.10	<10	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	40	PS	120	52108	EP2CF42PS/MV/DC/K	0.37	45	0.99	1.00	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	40	PS	277	52108	EP2CF42PS/MV/DC/K	0.17	45	0.96	1.00	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	40	PS	120	52108	EP2CF42PS/MV/DC/K	0.69	82	0.99	0.95	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
	40	PS	277	52108	EP2CF42PS/MV/DC/K	0.30	82	0.98	0.95	<10	0°F	2-6	L	5.00"	4.63"	3.00"	1.38"
3	40	IS	120	50124	EP432IS/120/SL	0.82	107	0.99	0.88	<10	0°F	3-4	F	9.50"	8.82"	1.70"	1.15"

PLL55/2G11																	
1	55	PS	120	50144	EP254HO/PS/MV	0.49	58	0.96	0.92	<15	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	55	PS	277	50144	EP254HO/PS/MV	0.22	58	0.96	0.92	<15	0°F	1-9	J	16.90"	16.00"	1.20"	1.00"
	55	PS	120	52108	EP2CF42PS/MV/DC/K	0.37	44	0.99	0.70	<10	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
	55	PS	277	52108	EP2CF42PS/MV/DC/K	0.17	44	0.96	0.70	<12	0°F	1-9	L	5.00"	4.63"	3.00"	1.38"
2	55	PS	120	50144	EP254HO/PS/MV	0.94	112	0.98	0.90	<10	0°F	2-6	J	16.90"	16.00"	1.20"	1.00"
	55	PS	277	50144	EP254HO/PS/MV	0.41	112	0.98	0.90	<10	0°F	2-6	J	16.90"	16.00"	1.20"	1.00"

Case Diagrams



Wiring Diagrams



COMPACT FLUORESCENT BALLASTS

Cross Reference Guide and Specifications

HALCO	ADVANCE	UNIVERSAL/ MAGNETEK	HOWARD
EP2CF13PS/MV/DC/K	ICF-2S13-H1-LD	C213UNV	EP2/13CF/MV/K
EP2CF18PS/MV/DC/K	ICF-2S18-H1-LD	C218UNV	EP2/18CF/MV/K
EP2CF26PS/MV/DC/K	ICF-2S26-H1-LD	C2642UNV	EP2/26CF/MV/K2
EP2CF42PS/MV/DC/K	ICF-2S42-M2-LD	C242UNV	EP2/42CF/MV/K2

SPECIFICATIONS

	Ballast shall have a Lamp Current Crest Factor of <1.7 in accordance with ANSI C82.1.
	Ballast shall withstand line voltage transients and surges as specified in ANSI standard C62.41-1991.
	Ballast shall have an Underwriters Laboratories certification for operation in the US and either an Underwriters Laboratories or Canadian Standards Association certification for operation in Canada.
	Ballast shall comply with the EMI and RFI limits of the code of Federal Regulations, Title 47, Part 18C for Non-Consumer equipment.
	Ballast shall operate in the range of 50-60Hz input frequency.
	Ballast shall operate at a maximum of 18 feet remote mounting distance for primary lamp. For energy saving reduced wattages lamps, remote mounting distances will be shorter.
	Ballast shall operate at a frequency of 20-40 kHz.
	Ballast shall contain potting compound in order to protect from moisture, dissipate heat and provide stability.
	All ProFormance ballasts shall have a power factor of 0.98 or better on the primary lamp configuration.
	Ballast shall be sound rated Class A.
	Ballast shall have a minimum starting temperature of 0°F standard lamps and 60°F on Energy Saving lamps.
	Ballast shall tolerate sustained variations of +/-10% of supply voltage with no damage to the ballast.
	Ballast shall not contain PCBs.
	Manufacturer shall provide written warranty against defects in material or workmanship for 5 years from date of manufacture.

COMPACT FLUORESCENT BALLASTS

Lamp Compatibility Specifications

EP2CF13PS/MV/DC/K 52102		EP2CF18PS/MV/DC/K 52104		EP2CF26PS/MV/DC/K 52106		EP2CF42PS/MV/DC/K 52108	
Lamp Type	# of Lamps	Lamp Type	# of Lamps	Lamp Type	# of Lamps	Lamp Type	# of Lamps
PL13D/E/G24q	1, 2	PL18D/E/G24q	1, 2	PL26D/E/G24q	1, 2	PL42T/E/GX24q	1, 2
PL13T/E/GX24q	1, 2	PL18T/E/GX24q	1, 2	PL57D/E/G24q	1	PL32T/E/GX24q	1, 2
PL18T/E/GX24q	1, 2	PL26D/E/G24q	1, 2	PL26T/E/GX24q	1, 2	PL26D/E/G24q	1, 2
PL10/2D/GR10q	1, 2	PL16/2D/GR10q	1, 2	PL32T/E/GX24q	1	PL26T/E/GX24q	1, 2
PL16/2D/GR10q	1, 2	PL21/2D/GR10q	1, 2	PL42T/E/GX24q	1	PLL39/2G11	1, 2
F14T5	1, 2	PL28/2D/GR10q	1	PL57T/E/GX24q	1	PLL40/2G11	1, 2
F13T5	1, 2			PLL18/2G11	2	PLL36/2G11	1, 2
PL5/S/E/2G7	1, 2			PLL24/2G11	1, 2	PLL24/2G11	1, 2
PL7/S/E/2G7	1, 2			PLL36/2G11	1	PL57T/E/GX24q	1
PL9/S/E/2G7	1, 2			PLL40/2G11	1	PL28/2D/GR10q	2
				PL21/2D/GR10q	2	PL28/2D/GR10q	1
				PL28/2D/GR10q	1	FC22T5 + FC40T5	2
				FC40T5	1	FC22T5	2
				FC22T5	1	FC22T5	1
				FC16T9	1	FC40T5	2
						FC40T5	1

E1CF13RS/120/GU24 52200		E1CF26RS/120/GU24 52202	
Lamp Type	# of Lamps	Lamp Type	# of Lamps
PL13D/E/G24q	1	PL26D/E/G24q	1
PL13T/E/GX24q	1	PL26T/E/GX24q	1