



Antron Electronics Co.,LTD
安雄電子股份有限公司

CFL(PLT/PLC) Modified Rapid Start Ballast



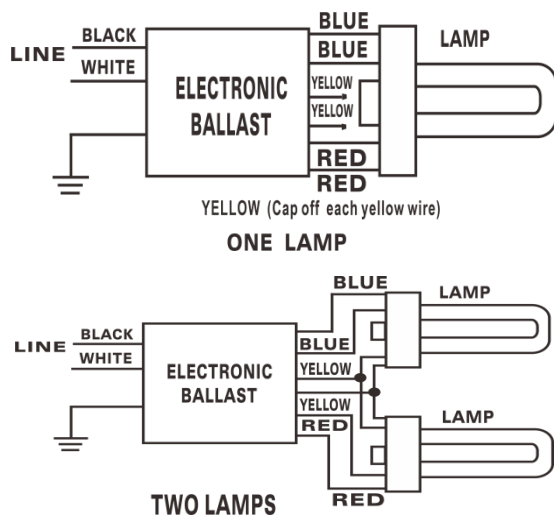
Model Name	CSD-113PNPF
Ballast Type	Electronic
Starting Method	Modified Rapid Start
Lamp connection	Series
Input Voltage	120V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance



- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- Normal Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

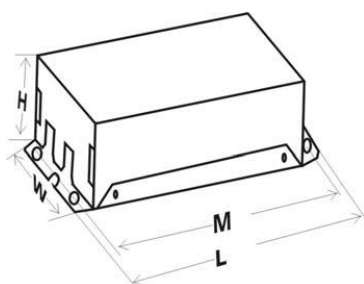
Wire Diagram



Lead Length	Inch	Cm
Black	11.81	30
White	11.81	30
Blue	13.78	35
Red	13.78	35
Yellow	13.78	35

Maximum Wiring Distance (at full load) is 18AWG/18Feet
Case must be grounded

Enclosure



AM39

Enclosure	Inch	Cm
Length(L)	3.9	9.9
Width(W)	2.05	5.2
Height(H)	1.18	3.0
Mounting(M)	3.58	9.1



Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	Power Factor	Lamp Current Crest Factor Max.	BEF
PL T13W	2	120	13	32/0	0.395	29	0.87	0.5	1.7	3.00
	1				0.23	14	0.89	0.5		6.36
PL C13W	2	120	13	32/0	0.395	28	0.87	0.5	1.7	3.11
	1				0.23	14	0.89	0.5		6.36
PL L13W	2	120	13	32/0	0.395	22	0.87	0.5	1.7	3.95
PL L9W	2	120	9	32/0	0.30	20	0.88	0.5	1.7	4.40
PL L7W	2	120	7	32/0	0.27	19	0.88	0.5	1.7	4.63