



<b>Model Name</b>	<b>CSD-713PNPF</b>
<b>Ballast Type</b>	Electronic
<b>Starting Method</b>	Modified Rapid Start
<b>Lamp connection</b>	Series
<b>Input Voltage</b>	277V
<b>Input Frequency</b>	50/60Hz
<b>Warranty</b>	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

## Safety & Performance

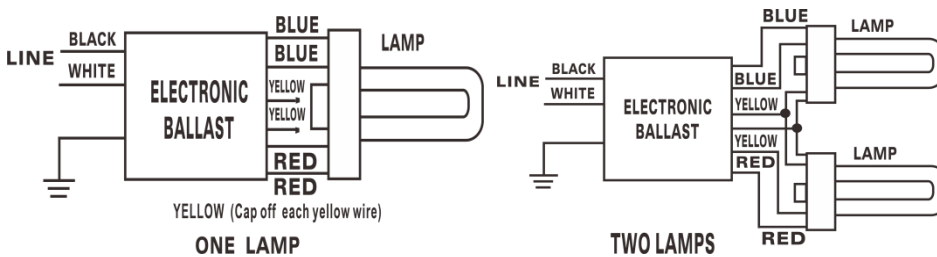


- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- Normal Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

## 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	277	13	32/0	0.19	26	0.87	0.5	1.7	3.35
	1				0.09	12	0.89	0.4		7.42

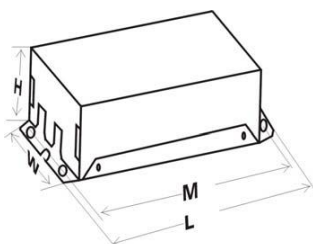
## Wire Diagram



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

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

## 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