



Antron Electronics Co.,LTD
安雄電子股份有限公司

Circular Program Start Ballasts



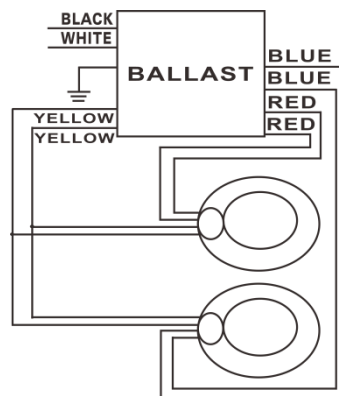
Model Name	CSD-UV42P/BMCLS
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance

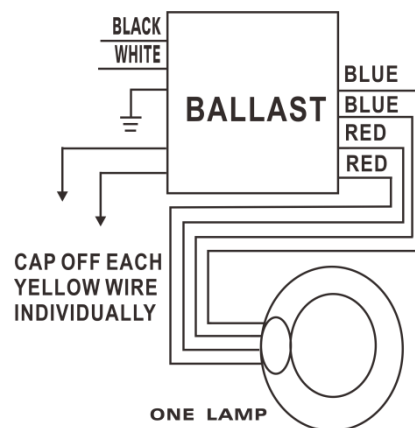


- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

Wire Diagram



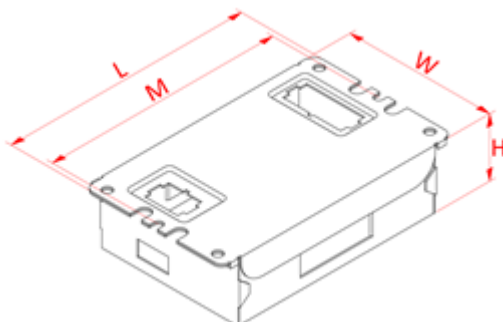
TWO LAMPS



ONE LAMP

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

Enclosure



AM54

Enclosure	Inch	Cm
Length(L)	5	12.7
Width(W)	3	7.7
Height(H)	1.34	3.4
Mounting(M)	4.6	11.7



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	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF
40+32W CL	2	120	72	-22/-30	0.64	77	0.88	10	0.99	1.7	1.14
		230			0.33			20	0.99		
		277			0.28			20	0.99		
40+30W CL	2	120	70	-22/-30	0.65	75	0.88	10	0.99	1.7	1.17
		230			0.32			20	0.99		
		277			0.27			20	0.99		
40+22W CL	2	120	62	-22/-30	0.56	68	0.89	10	0.99	1.7	1.31
		230			0.3			20	0.99		
		277			0.25			20	0.99		
40WCL	1	120	40	-22/-30	0.38	45	0.9	10	0.99	1.7	2.00
		230			0.2			30	0.99		
		277			0.16			30	0.99		
32WCL	1	120	32	-22/-30	0.31	37	0.92	10	0.99	1.7	2.49
		230			0.16			30	0.99		
		277			0.13			30	0.99		