



Model Name	FDC32T812EB
Ballast Type	Electronic
Starting Method	Rapid Start
Lamp connection	Series
Input Voltage	DC12V
Input Frequency	N.A
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance

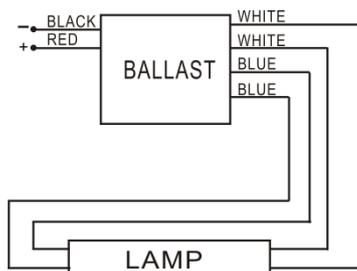


- One lamp
- Sound Rated Class A
- Auto Restart
- UL/cUL Listed
- Class P Thermally Protected
- No PCBs
- UL Type 1 Outdoor
- Normal Power Factor
- FCC part 18 Class A
- Surge Protected

Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Min Start Temp (°F/°C)	Input Current (Amps)	Input Power (W) (Min/Max)	Ballast Factor (Min/Max)	MAX THD (%)	Power Factor	MAX Lamp Current Crest Factor	BEF
32W T8	1	12	32	32/0	2.58	31	0.9	N/A	N/A	1.7	2.90
25W T8	1	12	25	32/0	2.20	27	1.1	N/A	N/A	1.7	4.07
17W T8	1	12	17	32/0	1.58	19	1.3	N/A	N/A	1.7	6.84

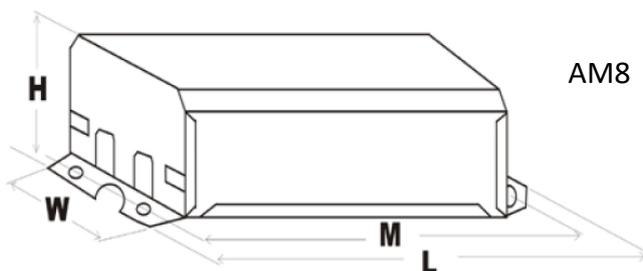
Wire Diagram



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

Lead Length	Inch	Cm
Black	14	36
White	14	36
Blue	14	36
Red	14	36

Enclosure



Enclosure	Inch	Cm
Length(L)	5.7	14.7
Width(W)	1.8	4.7
Height(H)	1.3	3.4
Mounting(M)	5.2	13.3