



Model Name	FDC21T512EDB
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

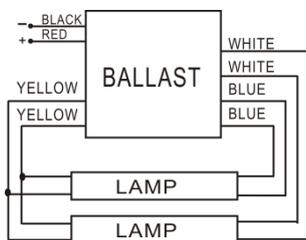


- One or Two lamp
- Sound Rated Class A
- Auto Restart
- UL/cUL Listed
- Class P Thermally Protected
- No PCBs
- UL Type 1 Outdoor
- FCC part 18 Class A
- Surge Protected

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	Lamp Current Crest Factor Max.	BEF
21W T5	2	12	21	32/0	3.25	39	0.72	1.7	1.85
20W T12	2	12	20	32/0	3.16	38	0.85	1.7	2.24
18W T8	2	12	18	32/0	2.9	35	1	1.7	2.86
PLT 18W	2	12	18	32/0	2.8	34	0.89	1.7	2.62
PLL 18W	2	12	18	32/0	2.75	33	0.89	1.7	2.70

Wire Diagram

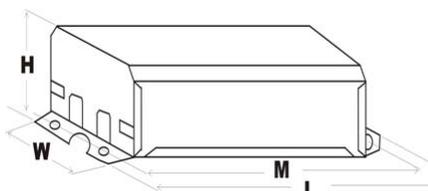


Maximum Wiring Distance (at full load) is 18AWG/18Feet

Case must be grounded

Lead Length	Inch	Cm
Black	14	36
White	14	36
Blue	14	36
Red	14	36
Yellow	8.2	21

Enclosure



AM8

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