



Antron Electronics Co.,LTD
安雄電子股份有限公司

T8 DC Input Fluorescent Ballast



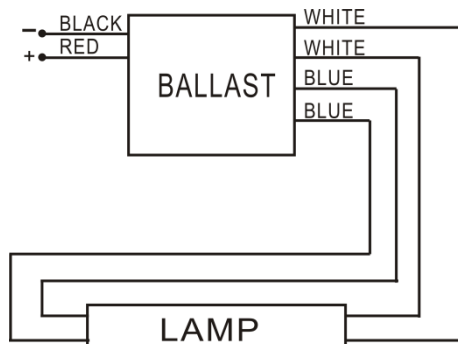
Model Name	FDC40T812EB
Ballast Type	Electronic
Starting Method	Rapid Start
Lamp connection	Series
Input Voltage	DC12V
Input Frequency	N.A
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance



- One lamp
- 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

Wire Diagram

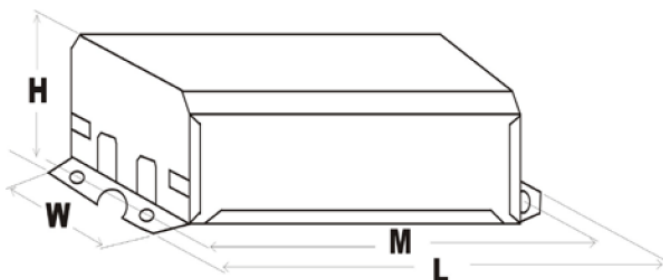


Lead Length	Inch	Cm
Black	14	36
White	14	36
Blue	14	36
Red	14	36

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

Case must be grounded

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



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
40W T8	1	12	40	32/0	3.25	39	0.71	N/A	N/A	1.7	1.82
40W T12	1	12	40	32/0	3.16	38	0.70	N/A	N/A	1.7	1.84
40W PLL	1	12	40	32/0	2.77	33	0.66	N/A	N/A	1.7	2.00
39W T5	1	12	39	32/0	2.23	26	0.45	N/A	N/A	1.7	1.73
40W CLT9	1	12	40	32/0	3.40	41	0.73	N/A	N/A	1.7	1.78
40W CLT5	1	12	40	32/0	3.33	40	0.72	N/A	N/A	1.7	1.80
2D 38W	1	12	38	32/0	3.00	36	0.70	N/A	N/A	1.7	1.94
42W PLT	1	12	42	32/0	3.00	36	0.66	N/A	N/A	1.7	1.83