

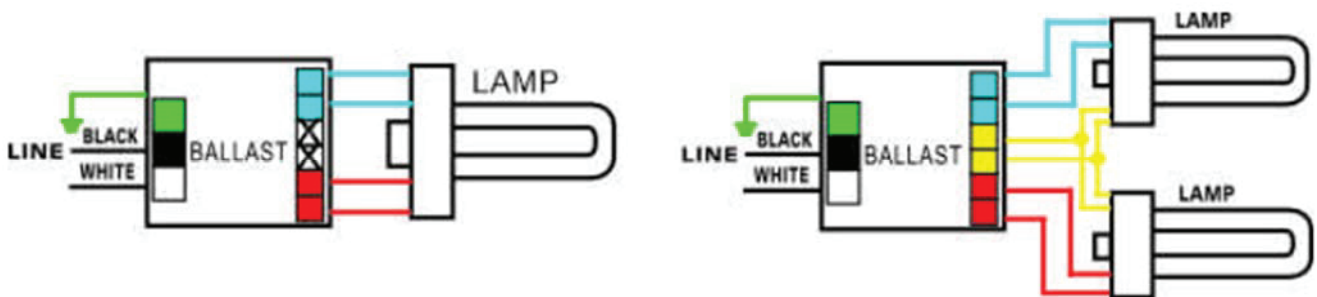
Model Name	20091D EL226CF-120-277HF
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	3 Years $75^{\circ}\text{C} < \text{TC} \leq 90^{\circ}\text{C}$

Safety & Performance



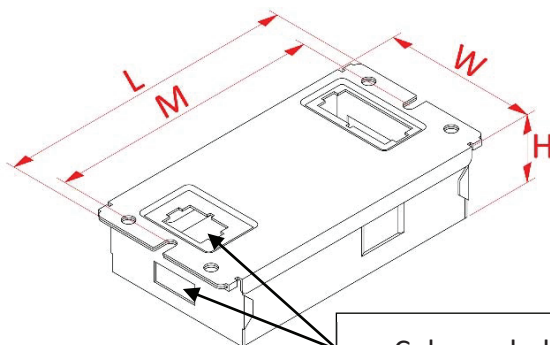
- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- EOL-end of life lamp protection
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL
- CAN ICES-005 (A)

Wire Diagram



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

Enclosure



Color coded, dual entry terminal blocks

AM42

Enclosure	Inch	Cm
Length(L)	4.92	12.5
Width(W)	2.51	6.4
Height(H)	1.14	2.9
Mounting(M)	4.49	11.4

Installation Kits

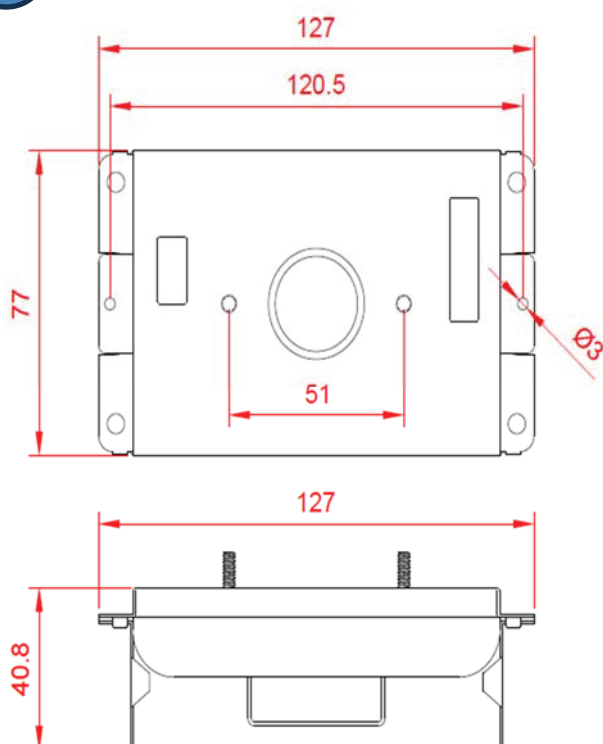
1



Lead Length	Inch	Cm
Black	9	23
White	9	23
Green	9	23
Red	9	23
Blue	9	23
Yellow	9	23

1. Extending wire set
2. Mounting plate with studs
3. Wire extraction tool
4. Hardware

2



3



4



* Use the wire extraction tool, to help easily disconnect fixture wiring from old ballast.

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	
PL*26W	2	120	26	-22/-30	0.46	53	0.86	10	0.99	1.7	1.59	
		230			0.22			15	0.98			
		277			0.18			20	0.97			
	1	120			0.23	30	0.88	15	0.99		2.93	
		230			0.12			15	0.97			
		277			0.11			20	0.95			
PLL27W	2	120	27		0.30	36	0.85	10	0.99		1.77	
		230			0.16			15	0.98			
		277			0.13			20	0.96			
	1	120			0.16	20	0.82	15	0.98		3.57	
		230			0.09			20	0.95			
		277			0.08			25	0.92			
PLL24W	2	120	24		0.38	46	0.83	10	0.99		1.66	
		230			0.20			15	0.98			
		277			0.17			20	0.97			
	1	120			0.21	26	0.80	15	0.99			3.20
		230			0.12			20	0.97			
		277			0.10			20	0.95			
2D21W	2	120	21	0.37	44	0.81	15	0.99	1.88			
		230		0.19			20	0.98				
		277		0.16			20	0.97				
PL*42W	1	120	42	0.37	45	0.80	10	0.99	1.78			
		230		0.19			15	0.98				
		277		0.16			20	0.97				
PL*32W	1	120	32	0.26	31	0.88	10	0.99	2.84			
		230		0.14			15	0.97				
		277		0.12			20	0.95				
PLL40W	1	120	40	0.34	41	0.78	10	0.99	1.90			
		230		0.18			15	0.98				
		277		0.15			20	0.97				

*Typical for both PLC and PLT lamps

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
PLL39W	1	120	39	-22/-30	0.26	31	0.49	10	0.99	1.7	1.58
		230			0.15			15	0.97		
		277			0.12			20	0.96		
PLL36W	1	120	36		0.27	33	0.73	10	0.99		2.21
		230			0.14			15	0.97		
		277			0.12			20	0.96		
2D38W	1	120	38		0.26	31	0.65	15	0.99		1.81
		230			0.14			15	0.97		
		277			0.12			20	0.95		
2D28W	1	120	28		0.25	30	0.67	10	0.99		2.23
		230			0.13			15	0.97		
		277			0.11			15	0.95		
FC12T5	1	120	40		0.31	39	0.80	10	0.99		1.90
		230			0.17			15	0.98		
		277			0.14			20	0.96		
FC9T5	1	120	22		0.22	26	0.95	15	0.98		3.65
		230			0.12			20	0.97		
		277			0.10			20	0.95		
FC8T5	1	120	22		0.16	19	0.70	15	0.98		3.68
		230			0.08			20	0.97		
		277			0.07			20	0.95		

*Typical for both PLC and PLT lamps