



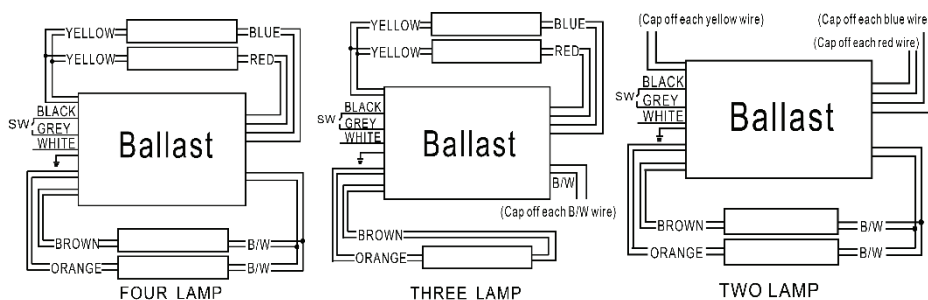
Model Name	26880B EL454T5HO-120/277HF 120-277V
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	3 Years 75°C ≤ TC ≤ 90°C

Safety & Performance



- Maximum Four 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
- DOE Energy Verified
- NRCAN Energy Verified

Wire Diagram



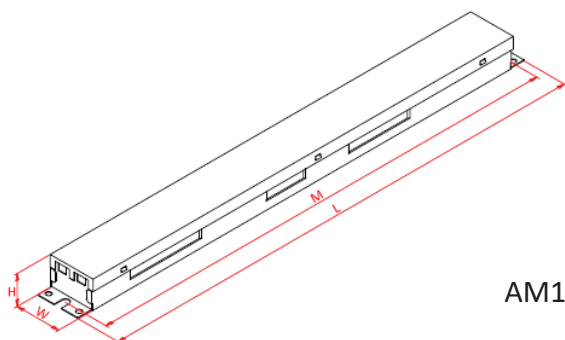
Lead Length	Inch	Cm
Black	60	152.4
White	60	152.4
Blue	60	152.4
Red	60	152.4
Yellow	60	152.4
Grey	60	152.4
Blue/White	60	152.4
Brown	60	152.4
Orange	60	152.4

Wire Color	Name / Function	Required	Description
Black	Main Line	Required	Must be connected at all times; supports 1 lamp or 2 lamps operation (Brown / Orange / Blue & White)
Grey	SW Input	Optional	When connected to Line, enables additional outputs (Blue / Red / Yellow) for 3-4 lamps

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

Enclosure

Case must be grounded



AM104

Enclosure	Inch	Cm
Length(L)	17.7	45
Width(W)	1.7	4.3
Height(H)	1.16	2.95
Mounting(M)	17.2	43.8

Revised 2026/03/27

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
54W T5	4	120	54	-22/-30	2.00	230	0.98	10	0.99	1.7	0.43
		230			1.02			10	0.99		
		277			0.86			10	0.98		
	3	120			1.47	176	1.00	10	0.99		
		230			0.78			10	0.98		
		277			0.65			15	0.98		
	2	120			0.98	118	0.99	10	0.98		
		230			0.52			15	0.97		
		277			0.43			15	0.97		
	1	120			0.51	60	1.02	15	0.97		
		230			0.27			20	0.97		
		277			0.22			20	0.96		
54W T5/ES (49W)	4	120	49	-22/-30	1.78	212	0.98	10	0.99	1.7	0.46
		230			0.94			10	0.99		
		277			0.78			10	0.98		
	3	120			1.42	169	1.00	10	0.99		
		230			0.75			10	0.98		
		277			0.62			15	0.98		
	2	120			0.95	113	0.99	10	0.98		
		230			0.50			15	0.97		
		277			0.42			15	0.97		
	1	120			0.49	58	1.02	15	0.97		
		230			0.26			20	0.97		
		277			0.21			25	0.96		
55W PLL	4	120	55	-22/-30	1.64	198	0.92	10	0.99	1.7	0.46
		230			0.88			10	0.98		
		277			0.73			10	0.98		
	3	120			1.26	154	0.95	10	0.99		
		230			0.68			10	0.98		
		277			0.56			15	0.98		
	2	120			0.72	102	0.92	10	0.98		
		230			0.45			15	0.97		
		277			0.38			15	0.97		
	1	120			0.46	56	0.95	15	0.97		
		230			0.25			20	0.97		
		277			0.21			25	0.96		
39W T5	4	120	39	-22/-30	1.42	174	1.04	10	0.99	1.7	0.60
		230			0.75			10	0.98		
		277			0.63			15	0.98		
	2	120			0.72	85	1.03	15	0.98		
		230						20	0.97		
		277						20	0.97		

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
50W PLL	4	120	50	-22/-30	1.88	224	1.1	10	0.99	1.7	0.49
		230			0.99			10			
		277			0.83			10			
	3	120			1.42	170	1.13	10	0.99		
		230			0.75			10			0.98
		277			0.72			15			
	2	120			0.86	103	1.1	10	0.98		
		230			0.46			15			0.97
		277			0.38			15			
	1	120			0.46	54	1.1	15	0.97		
		230			0.24			20			0.97
		277			0.20			25			