



Features and Benefits

- 5 models operate one to six lamps from 2 to 48 total feet
- The same ballast will either run T12HO or T8HO lamps
- Lighter weight than magnetic ballasts making them easier to install
- Consume 25-40% less energy than magnetic sign ballasts
- Sound rated A, making them much quieter than magnetic versions
- Input voltage range of 120-277 V
- Parallel lamp operation ensures that if a lamp fails, the remaining lamps will continue to run, which keeps the signs lit up
- Reliable starting in temperatures as low as -20°F
- UL Type 2 Outdoor - listed

61015



61016



61017



61018



61019



Number of Lamps	Lamp Footage		Input Volts (V)	Order Code	Description	Line Current (Amps)	Input Power (Watts)	Open Circuit Volts	Max Case Temp. (°C)	Min. Starting Temp.	Wiring Diagram	Case Diagram	Weight (lb)
	Min.	Max.											

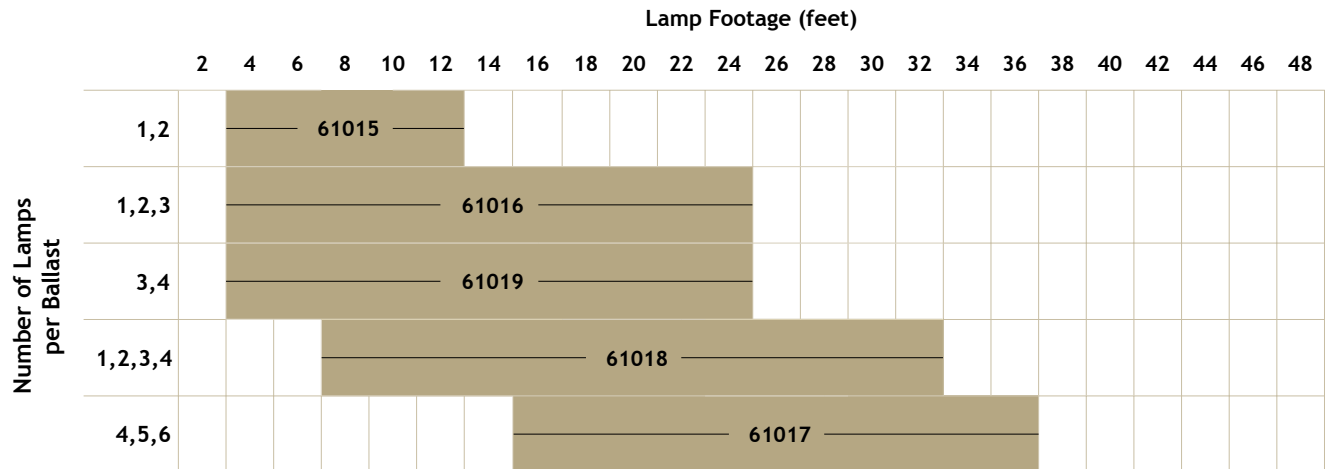
T8HO

1, 2	4'	12'	120	61015	ESB/12/216/UV/STD	1.10	122	800	90	-20°F, -29°C	1, 2	A	2.88
			277			0.45	121						
1, 2, 3	4'	24'	120	61016	ESB/13/432/UV/STD	2.20	244	800	90	-20°F, -29°C	3, 4, 5	B	4.46
			277			0.90	242						
3, 4	4'	24'	120	61019	ESB/34/432/UV/STD	2.20	244	800	90	-20°F, -29°C	5, 6	B	4.46
			277			0.90	242						
1, 2, 3, 4	8'	32'	120	61018	ESB/14/1040/UV/STD	2.80	330	1 000	90	-20°F, -29°C	7, 8, 9, 10	C	7.00
			277			1.25	325						
4, 5, 6	16'	36'	120	61017	ESB/46/848/UV/STD	3.30	370	860	90	-20°F, -29°C	11, 12, 13	C	7.02
			277			1.36	365						

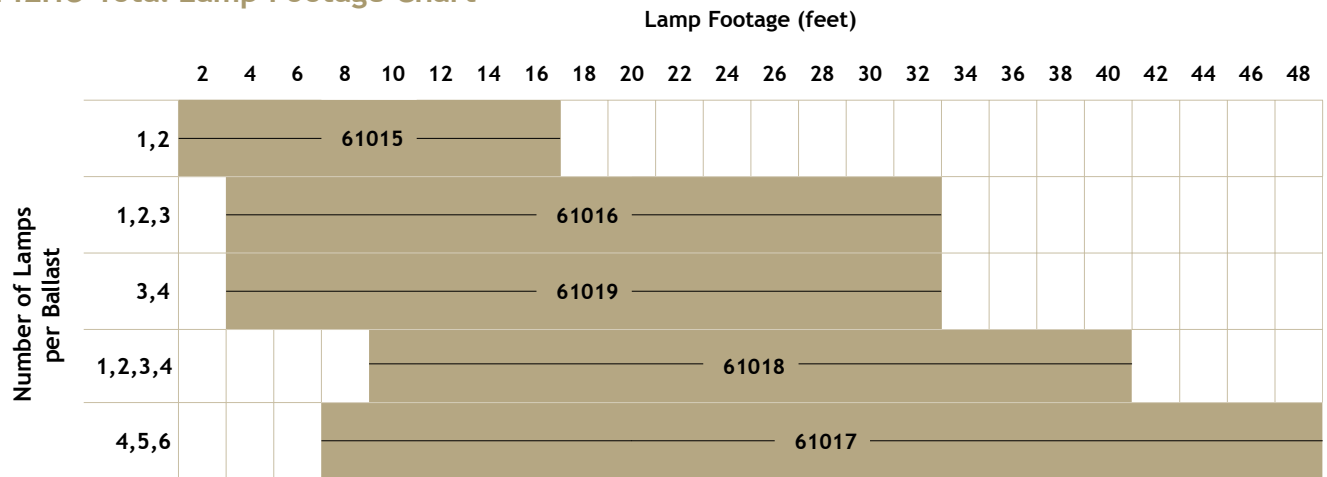
T12HO

1, 2	2'	16'	120	61015	ESB/12/216/UV/STD	1.20	131	800	90	-20°F, -29°C	1, 2	A	2.88
			277			0.50	132						
1, 2, 3	4'	32'	120	61016	ESB/13/432/UV/STD	2.40	267	800	90	-20°F, -29°C	3, 4, 5	B	4.46
			277			1.00	267						
3, 4	4'	32'	120	61019	ESB/34/432/UV/STD	2.40	267	800	90	-20°F, -29°C	5, 6	B	4.46
			277			1.00	267						
1, 2, 3, 4	10'	40'	120	61018	ESB/14/1040/UV/STD	3.00	352	1 000	90	-20°F, -29°C	7, 8, 9, 10	C	7.00
			277			1.30	349						
4, 5, 6	8'	48'	120	61017	ESB/46/848/UV/STD	3.50	410	860	90	-20°F, -29°C	11, 12, 13	C	7.02
			277			1.50	405						

T8HO Total Lamp Footage Chart



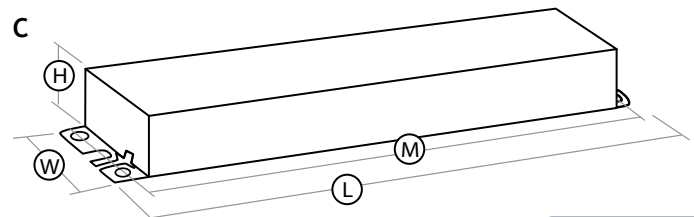
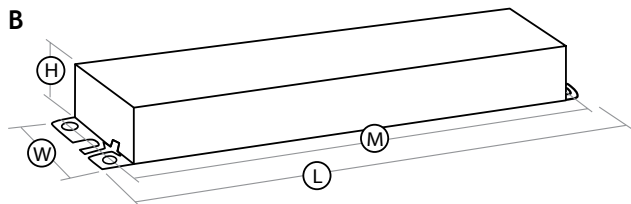
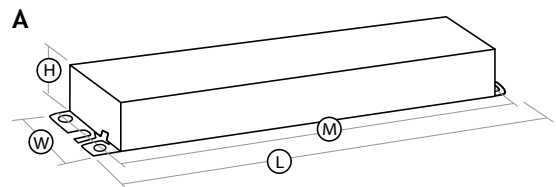
T12HO Total Lamp Footage Chart



Case Diagrams

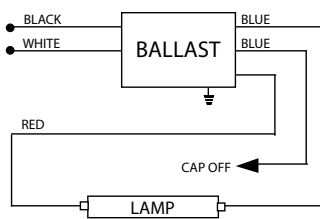
Case Dimensions

	Length (L)	Width (W)	Height (H)	Mounting (M)
A	9.50	2.36	1.70	8.90
B	11.65	3.15	1.85	11.00
C	14.45	3.23	2.20	13.75

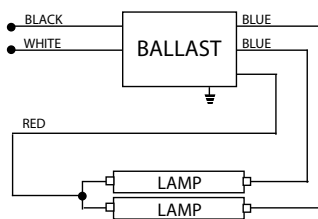


Wiring Diagrams

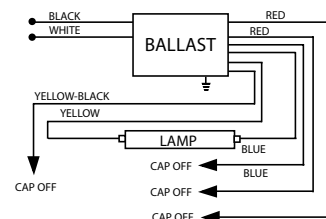
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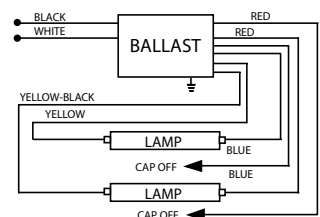
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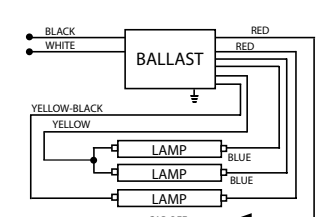
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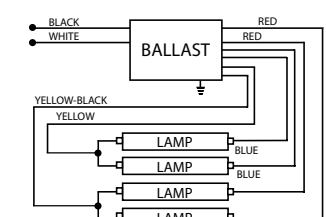
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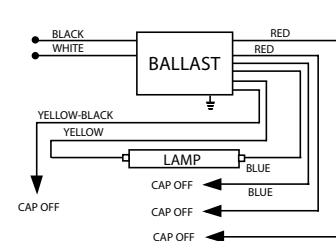
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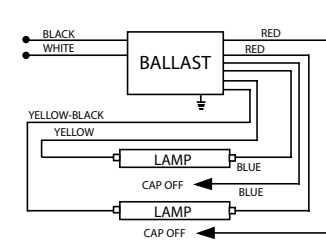
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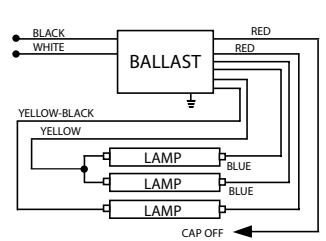
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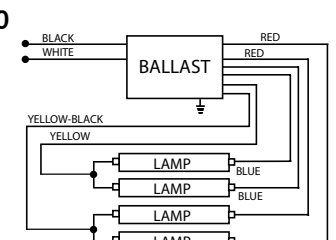
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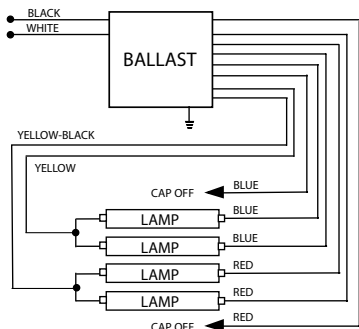
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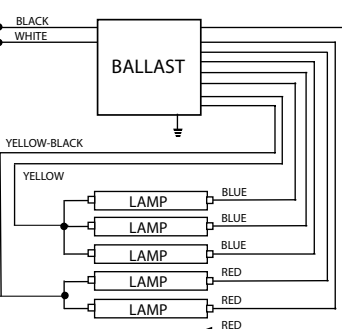
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