

# High-efficiency electronic ballasts



## MILLER LIGHTING PRODUCTS ELECTRONIC BALLASTS



T8/ES Linear



For 28W - 48" T8 Lamps

Number Of Lamps	Input Volts	Lamp Start. method	MILLER Ballast Number	Input Power	Ballast Factor	Max. THD %	Line Current (Amps)	Min. Start Temp. ( F / C )	Case Measure	Wiring Diagram	Symbols, Foot Notes
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### F32T8/ES - 28W

### 28W - 48" T8 Lamps

<b>1 Lamp</b>	<b>120-277</b>	<b>IS</b>	<b>BB32LMTNE</b>	<b>31</b>	<b>1.05</b>	<b>10</b>	<b>0.26-0.11</b>	<b>0/-18</b>	<b>C</b>	<b>40</b>	For Case measurements and Wiring diagrams data refer to APPENDIX
	120-277	IS	BB32LMTHE	40	1.40	15	0.34-0.16	0/-18	C	40	
	120-277	IS	BB32LMTLE	26	0.90	10	0.22-0.10	0/-18	C	40	
<b>2 Lamps</b>	<b>120-277</b>	<b>IS</b>	<b>BB32LMTNE</b>	<b>48</b>	<b>0.89</b>	<b>10</b>	<b>0.41-0.18</b>	<b>0/-18</b>	<b>C</b>	<b>2</b>	
	120-277	IS	BB32LMTHE	67	1.19	10	0.57-0.25	0/-18	C	2	
	120-277	IS	BB32LMTLE	43	0.77	10	0.37-0.16	0/-18	C	2	
<b>3 Lamps</b>	<b>120-277</b>	<b>IS</b>	<b>BB5LMTNE</b>	<b>80</b>	<b>0.98</b>	<b>10</b>	<b>0.67-0.29</b>	<b>0/-18</b>	<b>C</b>	<b>43</b>	
	120-277	IS	BB5LMTHE	98-95	1.24	10	0.80-0.36	0/-18	B	43	
	120-277	IS	BB5LMTLE	69-68	0.85	10	0.57-0.25	0/-18	C	43	
<b>4 Lamps</b>	<b>120-277</b>	<b>IS</b>	<b>BB5LMTNE</b>	<b>97-96</b>	<b>0.88</b>	<b>10</b>	<b>0.82-0.36</b>	<b>0/-18</b>	<b>C</b>	<b>4</b>	
	120-277	IS	BB5LMTHE	116-115	1.16	10	0.98-0.42	0/-18	B	4	
	120-277	IS	BB5LMTLE	84-82	0.77	10	0.71-0.30	0/-18	C	4	

### ORDERING INFORMATION (SUFFIXES)

**Note: For Standard applications Order NE (Normal Ballast Factor)**

**Miller Electronic Ballasts ARE Multi-Voltage (120V-277V)**

NE = (N) Normal Ballast Factor + (E) High Efficiency Designation  
 HE = (H) High Ballast Factor + (E) High Efficiency Designation  
 LE = (L) Low ballast Factor + (E) High Efficiency Designation

### Lamp Starting Methods

IS = INSTANT START  
 RS = RAPID START  
 PS = PROGRAM START

### Additional Notes

C = side terminals  
 W = wire from behind

For Case measurements and Wiring diagrams data refer to APPENDIX