

# TriLight™

## TriLight™ Fluorescent Sign Lamps



Voltarc's [TriLight T8](#) and [T12](#) series of fluorescent sign lamps offers exceptional color rendering for maximum lumen output and maintenance performance for all lamp applications. The T8 is rated for 18,000 hours while the T12 is rated for 12,000 hours. TriLight Tri-band series fluorescent lamps are made to the same lengths as standard T12 high-output lamps, so they are easy to retrofit into existing high-output sign lighting systems.

The TriLight Tri-band series of fluorescent sign lamps are compatible with most currently available electronic warm start sign ballasts to provide maximum rated useful life. For low temperature applications starting as low as -20°C, consider using the TriLightMax Thermal lamps.

When faced with the challenges of minimum cabinet depth and potential hot spots, use the [TriLight Max](#) Long Life Thermal Diffused T8 lamps. Many styles are available upon request.



### Voltarc TriLight™ T8 High Output Fluorescent Lamps – 18,000 Hours

Cool White Part # <sup>1</sup>	Description
MS-84H-18	F18T8/CW/841/H0/RDC
MS-84H-24	F24T8/CW/841/H0/RDC
MS-84H-30	F30T8/CW/841/H0/RDC
MS-84H-36	F36T8/CW/841/H0/RDC
MS-84H-42	F42T8/CW/841/H0/RDC
MS-84H-48	F48T8/CW/841/H0/RDC
MS-84H-58	F58T8/CW/841/H0/RDC
MS-84H-60	F60T8/CW/841/H0/RDC
MS-84H-64	F64T8/CW/841/H0/RDC
MS-84H-72	F72T8/CW/841/H0/RDC
MS-84H-84	F84T8/CW/841/H0/RDC
MS-84H-96	F96T8/CW/841/H0/RDC

Day Light Part # <sup>1</sup>	Description
MS-86H-18	F18T8/DL/865/H0/RDC
MS-86H-24	F24T8/DL/865/H0/RDC
MS-86H-30	F30T8/DL/865/H0/RDC
MS-86H-36	F36T8/DL/865/H0/RDC
MS-86H-42	F42T8/DL/865/H0/RDC
MS-86H-48	F48T8/DL/865/H0/RDC
MS-86H-58	F58T8/DL/865/H0/RDC
MS-86H-60	F60T8/DL/865/H0/RDC
MS-86H-64	F64T8/DL/865/H0/RDC
MS-86H-72	F72T8/DL/865/H0/RDC

MS-86H-84	F84T8/DL/865/H0/RDC
MS-86H-96	F96T8/DL/865/H0/RDC

  

Max 5000 Part # <sup>1</sup>	Description
MS-85H-18	F18T8/5000/950/H0/RDC
MS-85H-24	F24T8/5000/950/H0/RDC
MS-85H-30	F30T8/5000/950/H0/RDC
MS-85H-36	F36T8/5000/950/H0/RDC
MS-85H-42	F42T8/5000/950/H0/RDC
MS-85H-48	F48T8/5000/950/H0/RDC
MS-85H-58	F58T8/5000/950/H0/RDC
MS-85H-60	F60T8/5000/950/H0/RDC
MS-85H-64	F64T8/5000/950/H0/RDC
MS-85H-72	F72T8/5000/950/H0/RDC
MS-85H-84	F84T8/5000/950/H0/RDC
MS-85H-96	F96T8/5000/950/H0/RDC

<sup>1</sup>Packaged 18 lamps/carton.

All lamps are made to standard T12 H0 lengths with Recessed Double Contacts (RDC) end caps.

Lamp life is based on 12 hour switching cycle using electronic warm start ballast.

† Lamp wattage is based on nominal 315 mA +/- 5% operating current. Lamp operating current range 265 – 465 mA  
Maximum Overall Length: The length of the lamp from the end of one RDC boss to the end of the opposite RDC boss.

Base Face to Base Face is Maximum Overall Length minus 3/4".

Lamp <sup>3</sup> Designation	Maxium Overall Length	Cool White k / CRI	Day Light k / CRI	Max 5000 k / CRI	Rated <sup>4</sup> Lamp Watts	Avg. Rated Life (hrs.)	Box Size
F18T8/H0/RDC	15.91"	4100 / 85	6500 / 85	5000 / 90	15	18,000	18
F24T8/H0/RDC	21.91"	4100 / 85	6500 / 85	5000 / 90	17	18,000	18
F30T8/H0/RDC	27.91"	4100 / 85	6500 / 85	5000 / 90	21	18,000	18
F36T8/H0/RDC	33.91"	4100 / 85	6500 / 85	5000 / 90	25	18,000	18
F42T8/H0/RDC	39.91"	4100 / 85	6500 / 85	5000 / 90	30	18,000	18
F48T8/H0/RDC	45.91"	4100 / 85	6500 / 85	5000 / 90	35	18,000	18
F58T8/H0/RDC	59.00"	4100 / 85	6500 / 85	5000 / 90	58	18,000	18
F60T8/H0/RDC	57.91"	4100 / 85	6500 / 85	5000 / 90	44	18,000	18
F64T8/H0/RDC	61.91"	4100 / 85	6500 / 85	5000 / 90	48	18,000	18
F72T8/H0/RDC	69.91"	4100 / 85	6500 / 85	5000 / 90	53	18,000	18
F84T8/H0/RDC	81.91"	4100 / 85	6500 / 85	5000 / 90	62	18,000	18
F96T8/H0/RDC	93.91"	4100 / 85	6500 / 85	5000 / 90	73	18,000	18

[Back to Top](#)

**Voltarc TriLight™ T12  
High Output Long Life Lamps**

Cool White Part # <sup>1</sup>	Description
MS-14H-18	F18T12/CW/H0/RDC
MS-14H-24	F24T12/CW/H0/RDC
MS-14H-30	F30T12/CW/H0/RDC
MS-14H-36	F36T12/CW/H0/RDC
MS-14H-42	F42T12/CW/H0/RDC
MS-14H-48	F48T12/CW/H0/RDC

MS-14H-60	F60T12/CW/H0/RDC
MS-14H-64	F64T12/CW/H0/RDC
MS-14H-72	F72T12/CW/H0/RDC
MS-14H-84	F84T12/CW/H0/RDC
MS-14H-96	F96T12/CW/H0/RDC*

Day Light Part # <sup>1</sup>	Description
MS-16H-18	F18T12/DL/H0/RDC
MS-16H-24	F24T12/DL/H0/RDC
MS-16H-30	F30T12/DL/H0/RDC
MS-16H-36	F36T12/DL/H0/RDC
MS-16H-42	F42T12/DL/H0/RDC
MS-16H-48	F48T12/DL/H0/RDC
MS-16H-60	F60T12/DL/H0/RDC
MS-16H-64	F64T12/DL/H0/RDC
MS-16H-72	F72T12/DL/H0/RDC
MS-16H-84	F84T12/DL/H0/RDC
MS-16H-96	F96T12/DL/H0/RDC*

Max 5000 Part # <sup>1</sup>	Description
MS-15H-18	F18T12/5000/H0/RDC
MS-15H-24	F24T12/5000/H0/RDC
MS-15H-30	F30T12/5000/H0/RDC
MS-15H-36	F36T12/5000/H0/RDC
MS-15H-42	F42T12/5000/H0/RDC
MS-15H-48	F48T12/5000/H0/RDC
MS-15H-60	F60T12/5000/H0/RDC
MS-15H-64	F64T12/5000/H0/RDC
MS-15H-72	F72T12/5000/H0/RDC
MS-15H-84	F84T12/5000/H0/RDC
MS-15H-96	F96T12/5000/H0/RDC*

<sup>1</sup>All lamps are made to standard T12 H0 lengths with Recessed Double Contacts (RDC) end caps.

Lamp life is based on 12 hour switching cycle using electronic warm start ballast.

† Lamp wattage is based on nominal 315 mA +/- 5% operating current. Lamp operating current range 265 – 465 mA.

Maximum Overall Length: The length of the lamp from the end of one RDC boss to the end of the opposite RDC boss.

Base Face to Base Face is Maximum Overall Length minus 3/4".

\*Cold temperature rated

Lamp <sup>3</sup> Designation	Maxium Overall Length	Cool White k / CRI	Day Light k / CRI	Max 5000 k / CRI	Rated <sup>4</sup> Lamp Watts	Avg. Rated Life (hrs.)	Shipping Weight	Box Size
F18T12/H0/RDC	15.91"	4100 / 85	6500 / 85	5000 / 90	25	9,000	5	15
F24T12/H0/RDC	21.91"	4100 / 85	6500 / 85	5000 / 90	37	9,000	6	15
F30T12/H0/RDC	27.91"	4100 / 85	6500 / 85	5000 / 90	42	9,000	8	15
F36T12/H0/RDC	33.91"	4100 / 85	6500 / 85	5000 / 90	50	9,000	11	15
F42T12/H0/RDC	39.91"	4100 / 85	6500 / 85	5000 / 90	55	9,000	10	15
F48T12/H0/RDC	45.91"	4100 / 85	6500 / 85	5000 / 90	63	12,000	9	15
F60T12/H0/RDC	57.91"	4100 / 85	6500 / 85	5000 / 90	75	12,000	16	15
F64T12/H0/RDC	61.91"	4100 / 85	6500 / 85	5000 / 90	80	12,000	15	15

F72T12/H0/RDC	69.91"	4100 / 85	6500 / 85	5000 / 90	87	12,000	13	15
F84T12/H0/RDC	81.91"	4100 / 85	6500 / 85	5000 / 90	100	12,000	20	15
F96T12/H0/RDC	93.91"	4100 / 85	6500 / 85	5000 / 90	113	12,000	18	15

[Back to top](#)