

TriLight Max™

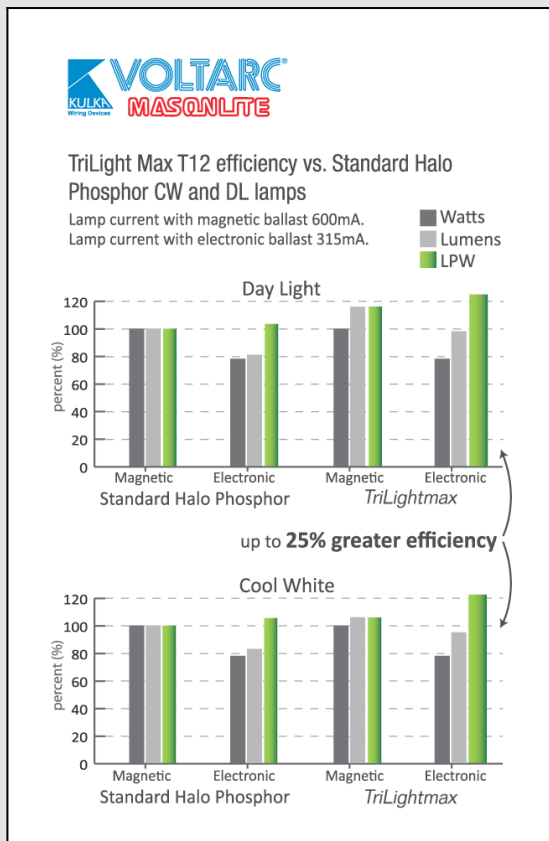
TriLight Max™ Fluorescent Sign Lamps

Voltarc's [TriLight Max™ T8 and T12 series](#) of fluorescent lamps use our [Long Life™ Cup-Cathode Technology](#).



The T8 TriLightMax fluorescent lamps have 60,000 hours of rated useful life – a life expectancy six times greater than standard T12 H0 lamps and up to 40% more efficient. The T12 TriLightMax lamps have 50,000 hours of rated useful life with 25 percent greater efficiency. Using TriLight Max T8H0 and T12H0 lamps means fewer lamp replacements and greatly reduced service calls.

The TriLight Max series of fluorescent lamps in conjunction with our Long Life™ technology uses high-quality tri-band phosphors to yield exceptional color rendering for maximum lumen output and maintenance performance.



Designed with the sign-maker and serviceman in mind, the TriLight Max series of Long Life™ fluorescent lamps are made to the same lengths as standard T12 high-output lamps, so they will easily fit into existing systems. [TriLight Max](#) lamps are available in T8 and T12 styles from the F18T12/H0 to F96T12 H0 TUFSTRAIGHT, F108T12/H0 to F120T12/H0 XtraLong styles and in standard TUFBEND U-Bend styles.

Energy efficient and environmentally friendly, the TriLight Max Long Life™ fluorescent lamps with Cup-Cathode Technology are compatible with most magnetic and electronic sign ballasts. T8 lamps, when used with electronic ballasts, provide up to 40% greater efficiency. T12 fluorescent lamps, when used with an electronic warm start ballast, provide up to 25% greater efficiency.

Also see Thermal Diffused Long Life™ T8 fluorescent lamps – many styles are available upon request.

Direct Retrofitting

Unlike any other manufacturer, direct retrofitting with electronic ballasts rated for T8 and T12 fluorescent lamps directly replaces existing T12 H0 lamps with up to 25% greater efficiency! Whether you are building, designing or retrofitting an existing sign, you'll find it easy to incorporate TriLight Max into your signage program. Unlike other manufacturers that specialize in general lighting, Voltarc lamps are built with the sign-maker and professional serviceman in mind and are made to the same industry lengths as standard T12 high output lamps. TriLight Max T12 RDC's are designed to operate on both magnetic and electronic sign ballasts so new construction and changeover is now a simple process.

You want to learn more? Just click here to download our [TriLight Max T8 LongLife Brochure](#) and [T12 LongLife Brochure](#).

[Voltarc TriLight Max™ T8](#)

High Output Long Life Lamps – 60,000 Hours

With Cup Cathode Technology

Cool WhitePart#	Description
MM-84H-18	F18T8/CW/841/H0/RDC
MM-84H-24	F24T8/CW/841/H0/RDC
MM-84H-30	F30T8/CW/841/H0/RDC
MM-84H-36	F36T8/CW/841/H0/RDC
MM-84H-42	F42T8/CW/841/H0/RDC
MM-84H-48	F48T8/CW/841/H0/RDC
MM-84H-58	F58T8/CW/841/H0/RDC
MM-84H-60	F60T8/CW/841/H0/RDC
MM-84H-64	F64T8/CW/841/H0/RDC
MM-84H-72	F72T8/CW/841/H0/RDC
MM-84H-84	F84T8/CW/841/H0/RDC
MM-84H-96	F96T8/CW/841/H0/RDC

Day LightPart#	Description
MM-86H-18	F18T8/DL/865/H0/RDC
MM-86H-24	F24T8/DL/865/H0/RDC
MM-86H-30	F30T8/DL/865/H0/RDC
MM-86H-36	F36T8/DL/865/H0/RDC
MM-86H-42	F42T8/DL/865/H0/RDC
MM-86H-48	F48T8/DL/865/H0/RDC
MM-86H-58	F58T8/DL/865/H0/RDC
MM-86H-60	F60T8/DL/865/H0/RDC

MM-86H-64	F64T8/DL/865/H0/RDC
MM-86H-72	F72T8/DL/865/H0/RDC
MM-86H-84	F84T8/DL/865/H0/RDC
MM-86H-96	F96T8/DL/865/H0/RDC

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

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 ³ Designation	MaxiumOverall Length	Cool Whitek / CRI	Day Lightk / CRI	Max 5000k / CRI	Rated ⁴ Lamp Watts	Avg. RatedLife (hrs.)	BoxSize
F18T8/H0/RDC	15.91"	4100 / 85	6500 / 85	5000 / 90	15	60,000	18
F24T8/H0/RDC	21.91"	4100 / 85	6500 / 85	5000 / 90	17	60,000	18
F30T8/H0/RDC	27.91"	4100 / 85	6500 / 85	5000 / 90	21	60,000	18
F36T8/H0/RDC	33.91"	4100 / 85	6500 / 85	5000 / 90	25	60,000	18
F42T8/H0/RDC	39.91"	4100 / 85	6500 / 85	5000 / 90	30	60,000	18
F48T8/H0/RDC	45.91"	4100 / 85	6500 / 85	5000 / 90	35	60,000	18
F58T8/H0/RDC	59.00"	4100 / 85	6500 / 85	5000 / 90	58	60,000	18
F60T8/H0/RDC	57.91"	4100 / 85	6500 / 85	5000 / 90	44	60,000	18
F64T8/H0/RDC	61.91"	4100 / 85	6500 / 85	5000 / 90	48	60,000	18
F72T8/H0/RDC	69.91"	4100 / 85	6500 / 85	5000 / 90	53	60,000	18

F84T8/H0/RDC	81.91"	4100 / 85	6500 / 85	5000 / 90	62	60,000	18
F96T8/H0/RDC	93.91"	4100 / 85	6500 / 85	5000 / 90	73	60,000	18

[Back to top](#)

Voltarc TriLight Max™ T12

High Output Long Life Lamps – up to 50,000 Hours

With Cup Cathode Technology

Cool WhitePart#	Description
MM-14H-18	F18T12/CW/H0/RDC
MM-14H-24	F24T12/CW/H0/RDC
MM-14H-30	F30T12/CW/H0/RDC
MM-14H-36	F36T12/CW/H0/RDC
MM-14H-42	F42T12/CW/H0/RDC
MM-14H-48	F48T12/CW/H0/RDC
MM-14H-60	F60T12/CW/H0/RDC
MM-14H-64	F64T12/CW/H0/RDC
MM-14H-72	F72T12/CW/H0/RDC
MM-14H-84	F84T12/CW/H0/RDC
MM-14H-96	F96T12/CW/H0/RDC*

Day LightPart#	Description
MM-16H-18	F18T12/DL/H0/RDC
MM-16H-24	F24T12/DL/H0/RDC
MM-16H-30	F30T12/DL/H0/RDC
MM-16H-36	F36T12/DL/H0/RDC
MM-16H-42	F42T12/DL/H0/RDC
MM-16H-48	F48T12/DL/H0/RDC
MM-16H-60	F60T12/DL/H0/RDC
MM-16H-64	F64T12/DL/H0/RDC
MM-16H-72	F72T12/DL/H0/RDC
MM-16H-84	F84T12/DL/H0/RDC
MM-16H-96	F96T12/DL/H0/RDC*

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

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 ³ Designation	MaxiumOverall Length	Cool Whitek / CRI	Day Lightk / CRI	Max 5000k / CRI	Rated ⁴ Lamp Watts	Avg. Rated Life (hrs.)	ShippingWeight	BoxSize
F18T12/H0/RDC	15.91"	4100 / 85	6500 / 85	5000 / 90	25	40,000	5	15
F24T12/H0/RDC	21.91"	4100 / 85	6500 / 85	5000 / 90	37	40,000	6	15
F30T12/H0/RDC	27.91"	4100 / 85	6500 / 85	5000 / 90	42	40,000	8	15
F36T12/H0/RDC	33.91"	4100 / 85	6500 / 85	5000 / 90	50	40,000	11	15
F42T12/H0/RDC	39.91"	4100 / 85	6500 / 85	5000 / 90	55	40,000	10	15
F48T12/H0/RDC	45.91"	4100 / 85	6500 / 85	5000 / 90	63	50,000	9	15
F60T12/H0/RDC	57.91"	4100 / 85	6500 / 85	5000 / 90	75	50,000	16	15
F64T12/H0/RDC	61.91"	4100 / 85	6500 / 85	5000 / 90	80	50,000	15	15
F72T12/H0/RDC	69.91"	4100 / 85	6500 / 85	5000 / 90	87	50,000	13	15
F84T12/H0/RDC	81.91"	4100 / 85	6500 / 85	5000 / 90	100	50,000	20	15
F96T12/H0/RDC*	93.91"	4100 / 85	6500 / 85	5000 / 90	113	50,000	18	15

* Cold temperature rated

Voltarc TriLight Max™ XtraLong T12

High Output Long Life Lamps – up to 50,000 Hours

With Cup Cathode Technology

Cool WhiteXtraLong

Part#DescriptionMM-14H-108F108T12/CW/H0/RDCMM-14H-117F117T12/CW/H0/RDCMM-14H-120F120T12/CW/H0/RDC

Day LightXtraLong

Part#DescriptionMM-16H-108F108T12/DL/H0/RDCMM-16H-117F117T12/DL/H0/RDCMM-16H-120F120T1

2/DL/H0/RDC

Lamp Style	Max Overall Length	Watts	Average Rated Life (hrs)
F108T12/H0/RDC	105 3/16"	124	50,000
F117T12/H0/RDC	114 3/16"	132	50,000
F120T12/H0/RDC	117 3/16"	135	50,000

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".

[Back to top](#)