

MAXLUME™ TECHNICAL SPECIFICATIONS

Maxlume High Output T5 Tube 54W 5400K

ITEM CODE: MLT5001

APPLICATIONS: Horticulture, controlled environment agriculture, daylight supplementation in greenhouse structures, livestock photoperiod management, aquaculture, algaculture, aquaponics.

DESCRIPTION: The MaxLume High Output (HO) T5 tubes take into consideration the proper Kelvin temperature for growing plants. Research has proven that the 5400K temperature improves vegetative growth more than standard 6500K tubes. Their incomparable 2800K temperature model makes a noticeable difference in the bloom stage and outperforms the industry's standard T5s.

PERFORMANCE DATA

Rated Initial lumens at 100 hrs	4116
Rated Average Life	10,000 hrs
Kelvin Temperature	5400K
CRI	82
Lumen Output	4200
Lumens per Watt	78
PAR Value	57 $\mu\text{mol/s}$
Warm-up Time	2 min
Hot Re-strike Time	Instantaneous

RE-LAMP INTERVAL

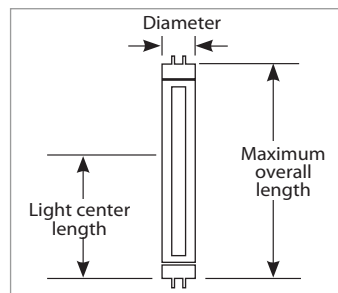
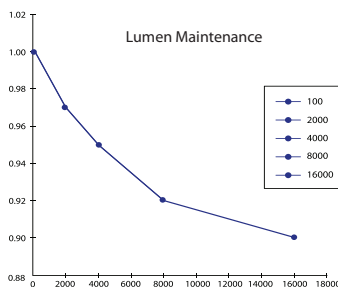
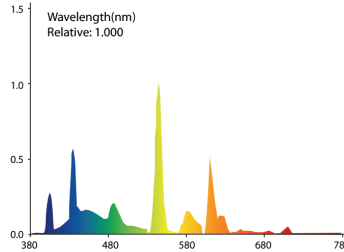
Optimum Growth	6-8 months
Average Growth	9-10 months
Maintenance Growth	10-12 months
Operating Position	Universal

ELECTRICAL CHARACTERISTICS

Tube Wattage	54W
ANSI Ballast Requirements	Electronic Ballast
Open Fixture Rated	Open/Enclosed

PHYSICAL DESCRIPTION

Tube Diameter (inches)	0.62
Max Overall Length (MOL) (inches)	45.79
Tube Center Location (LCL) (inches)	22.89
Tube Finish	White
Tube Designation	001
Base Type	G5



CAUTION: This is an electric discharge tube. Use only with proper circuits and auxiliary equipment. Failure to comply with this requirement may result in poor performance and possible personal injury or property damage for which the lamp manufacturer will not be responsible. Do not scratch glass bulb or subject lamp to undue pressure as either may cause the lamp to break. Wear safety glasses and gloves when installing or removing lamp.

WARNING: Fluorescent tubes contain mercury. Please take care to dispose of the tubes properly as e-waste when they are replaced.

AUXILIARY EQUIPMENT: Tubes must be operated on ballasts and luminaires that meet all applicable ANSI specifications.



Lamp contains mercury. Manage in accordance with disposal laws.
lamprecycle.org