



Características	
Modelo	ML-TU-T5-18W (opalino)
Categoría	Tubo T5 Aluminio
Material	AL+PC
Terminado	ALUMINIO NAT.
Pantalla	0
Indice de Protección [IP]	IP20
Base	N/A
Dimensiones mm	1163*16 mm
Lúmenes	1800 Lm
Temperatura	6000k
Parámetros Eléctricos	
Tensión Nominal [V~]	85-265 V~
Consumo de Potencia [W]	18W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.21A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	3 Año de Garantía
Certificación	NOM

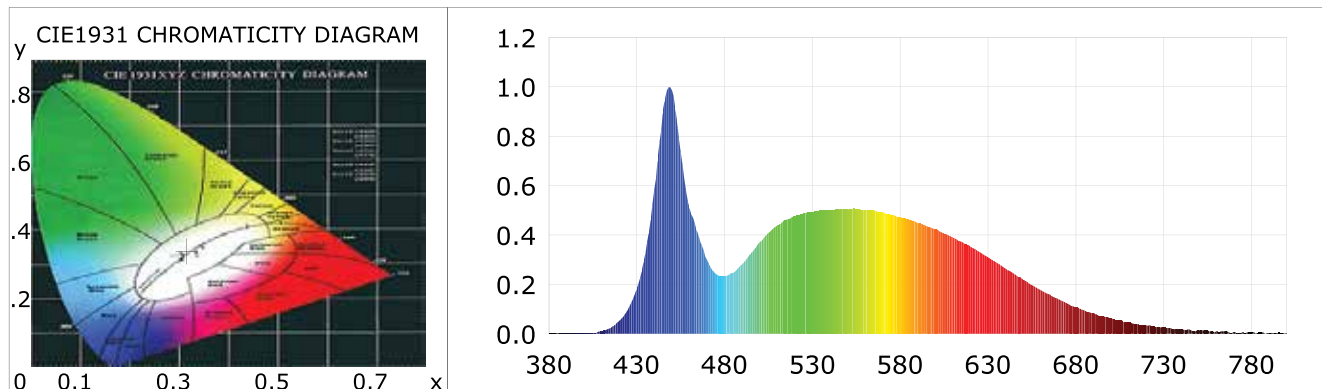
### Product Information

Product Type: ML-TU-T5-18W  
Product Spec: 18W

Product Number: 98

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3160$   $y=0.3388$   $u(u')=0.1965$   $v=0.3160$   $v'=0.4740$   
 CCT:  $T_c=6270K$  ( $duv=0.00651$ ) Color Ratio:  $R=0.134$   $G=0.813$   $B=0.052$   
 Peak Wavelength: 448.7nm Half Bandwidth: 21.9nm  
 Dominant Wavelength: 495.8nm Color Purity: 0.055  
 CRI:  $R_a=82.8$ ,  $avgR(1\sim14)=75.6$ ,  $avgR(1\sim15)=75.7$  TM30:  $R_f=82$ ,  $R_g=96$   
 $R_1=80$   $R_2=85$   $R_3=89$   $R_4=83$   $R_5=82$   $R_6=81$   $R_7=89$   $R_8=72$   
 $R_9=12$   $R_{10}=66$   $R_{11}=83$   $R_{12}=60$   $R_{13}=81$   $R_{14}=94$   $R_{15}=76$   
 Color Quality Scale:  $Q_a=83.1$ ,  $Q_f=82.9$ ,  $Q_p=83.7$ ,  $Q_g=92.7$   
 $Q_1=86$   $Q_2=98$   $Q_3=79$   $Q_4=76$   $Q_5=82$   $Q_6=84$   $Q_7=86$   $Q_8=91$   
 $Q_9=96$   $Q_{10}=86$   $Q_{11}=83$   $Q_{12}=83$   $Q_{13}=84$   $Q_{14}=73$   $Q_{15}=78$



### Photometric Parameters

Luminous Flux: 2034.75 lm Efficiency: 107.66 lm/W Radiant Power: 6.574 W  
 EEI: 0.13 Energy Efficiency Class: A+ (EU 874-2012)  
 Pupil Flux: 3755.36 Plm/W Pupil Lumens Per Watt: 198.70 Plm/W Pupil Factor (Kp): 1.846

### Electric Parameters

Voltage: 127.10V Current: 0.1540A Power: 18.90W  
 Power Factor: 0.9640 Frequency: 60.00Hz

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Min  
 Max of Signal: 45350 (2861)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 509.35 ms