



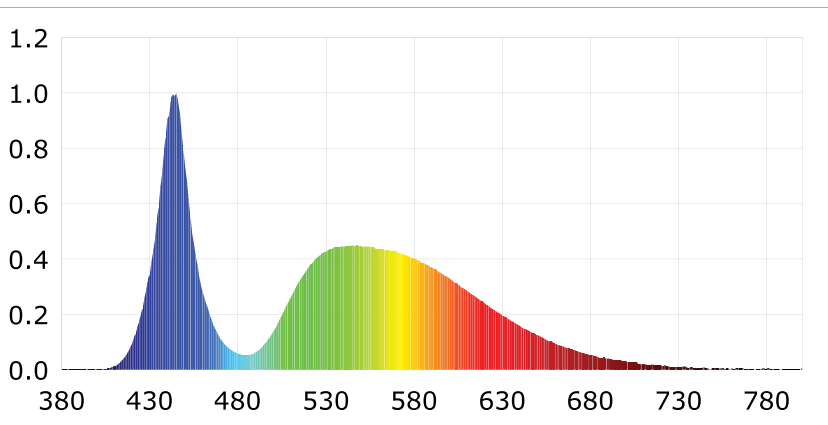
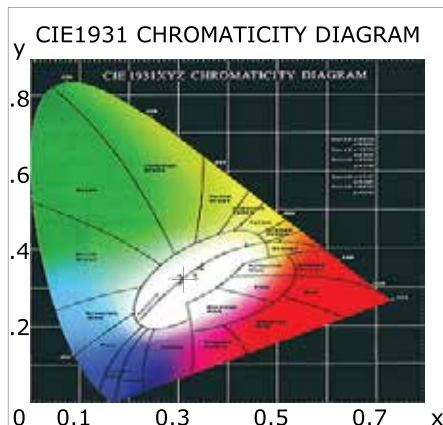
Product Type: ML-TU-CR1

Características	
Modelo	ML-TU-CR1
Categoría	Tubos LED Cristal T8
Material	CR
Terminado	TRANSPARENTE
Pantalla	0
Índice de Protección [IP]	IP20
Base	N/A
Dimensiones mm	1215*26 mm
Lúmenes	1800 Lm
Temperatura	6000K
Parámetros Eléctricos	
Tensión Nominal [V~]	100-240 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	2 Año de Garantía
Certificación	NOM

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3107$ $y=0.3242$ $u(u')=0.1982$ $v=0.3103$ $v'=0.4654$
 CCT: $T_c=6658K$ ($duv=0.00173$)
 Peak Wavelength: 444.8nm
 Dominant Wavelength: 486.4nm
 CRI: $R_a=67.7$, $avgR(1\sim14)=56.3$, $avgR(1\sim15)=56.8$ TM30: $R_f=63$, $R_g=95$
 $R_1=68$ $R_2=69$ $R_3=69$ $R_4=70$ $R_5=69$ $R_6=61$ $R_7=75$ $R_8=60$
 $R_9=-35$ $R_{10}=26$ $R_{11}=70$ $R_{12}=38$ $R_{13}=66$ $R_{14}=82$ $R_{15}=63$
 Color Quality Scale: $Q_a=67.9$, $Q_f=65.7$, $Q_p=74.0$, $Q_g=90.2$
 $Q_1=80$ $Q_2=89$ $Q_3=58$ $Q_4=54$ $Q_5=67$ $Q_6=71$ $Q_7=75$ $Q_8=87$
 $Q_9=85$ $Q_{10}=65$ $Q_{11}=60$ $Q_{12}=64$ $Q_{13}=68$ $Q_{14}=56$ $Q_{15}=67$

Product Spec: 18W



Photometric Parameters

Luminous Flux: 1930.82 lm Efficiency: 99.32 lm/W Radiant Power: 5.995 W
 EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)
 Pupil Flux: 3250.66 Plm Pupil Lumens Per Watt: 167.21 Plm/W Pupil Factor (Kp): 1.684

Electric Parameters

Voltage: 127.20V Current: 0.2330A Power: 19.44W
 Power Factor: 0.6560 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Min Photometric Condition: Sphere diameter: 1.50m, 4PI
 Max of Signal: 45884 (3141) CCD Integration Time: 468.78 ms