

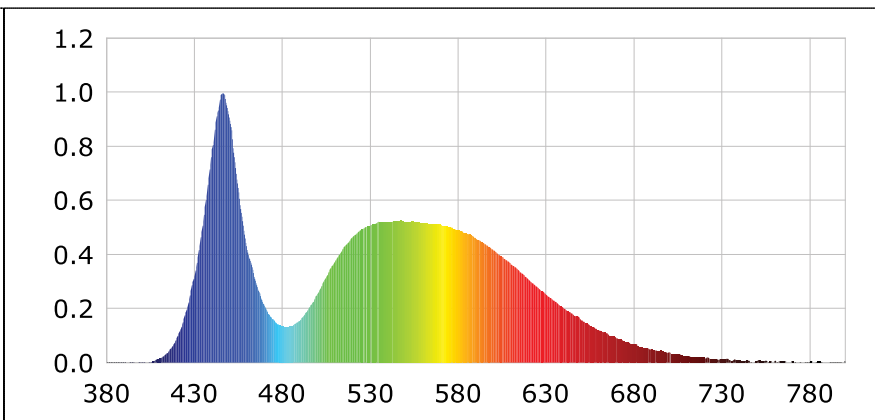
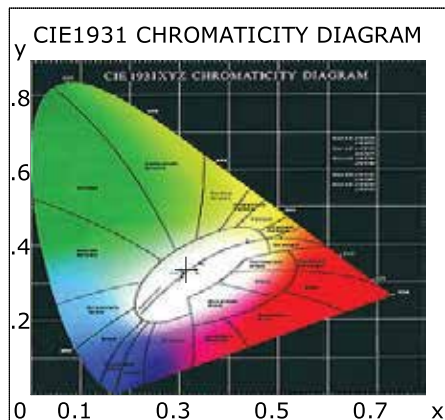


Product Type: ML-TU-OP-CR1
Product Number: 133

Características	
Modelo	ML-TU-OP-CR1
Aplicación	Tubos LED Cristal T8
Material	CR
Terminado	OPALINO
Pantalla	0
Índice de Protección [IP]	IP20
Base	N/A
Dimensiones mm	1215*26 mm
Lúmenes	1700 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: $x=0.3153$ $y=0.3368$ $u(u')=0.1967$ $v=0.3152$ $v'=0.4728$
 CCT: $T_c=6320K$ ($duv=0.00590$) Color Ratio: $R=0.122$ $G=0.839$ $B=0.039$
 Peak Wavelength: 446.1nm Half Bandwidth: 23.4nm
 Dominant Wavelength: 494.2nm Color Purity: 0.059
 CRI: $R_a=73.0$, $avgR(1\sim14)=62.6$, $avgR(1\sim15)=62.8$ TM30: $R_f=71$, $R_g=94$
 $R_1=71$ $R_2=76$ $R_3=80$ $R_4=75$ $R_5=73$ $R_6=69$ $R_7=81$ $R_8=61$
 $R_9=-30$ $R_{10}=43$ $R_{11}=73$ $R_{12}=48$ $R_{13}=71$ $R_{14}=89$ $R_{15}=65$
 Color Quality Scale: $Q_a=73.7$, $Q_f=72.9$, $Q_p=76.1$, $Q_g=89.7$
 $Q_1=80$ $Q_2=94$ $Q_3=68$ $Q_4=64$ $Q_5=73$ $Q_6=76$ $Q_7=79$ $Q_8=87$
 $Q_9=91$ $Q_{10}=75$ $Q_{11}=71$ $Q_{12}=72$ $Q_{13}=74$ $Q_{14}=59$ $Q_{15}=68$



Photometric Parameters

Luminous Flux: 1643.05 lm Efficiency: 86.39 lm/W Radiant Power: 5.056 W
 EEI: 0.16 Energy Efficiency Class: A+ (EU 874-2012)
 Pupil Flux: 2855.29 Plm Pupil Lumens Per Watt: 150.12 Plm/W Pupil Factor (Kp): 1.738

Electric Parameters

Voltage: 127.10V Current: 0.2470A Power: 19.02W
 Power Factor: 0.6050 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: 45479 (3185) CCD Integration Time: 719.56 ms