



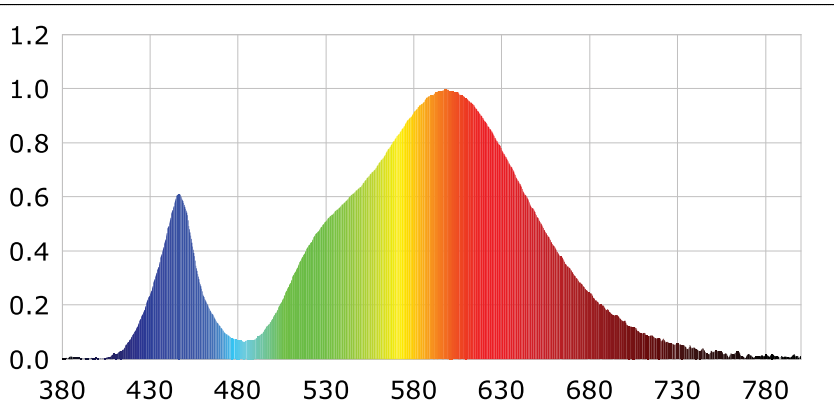
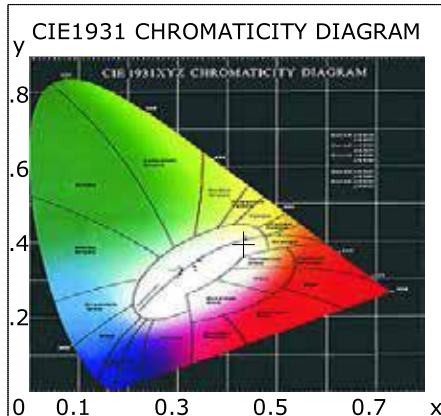
Product Information

Product Type: ML-DL-12W-BC-P
Product Spec: 12 W

Características	
Modelo	ML-DL-12W-BC-P
Aplicación	Downlight
Material	Al+PC
Terminado	ALUMINIO NAT.
Pantalla	0
Indice de Protección [IP]	IP40
Base	N/A
Dimensiones mm	Ø148*102*45 mm
Lúmenes	710 Lm
Temperatura	3500k
Parametros Eléctricos	
Tensión Nominal [V~]	85-265 V~
Consumo de Potencia [W]	12W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.14A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	2 Año de Garantía
Certificación	NOM

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4350$ $y=0.3951$ $u(u')=0.2532$ $v=0.3450$ $v'=0.5175$
 CCT: $T_c=2958K$ ($duv=-0.00336$) Color Ratio: $R=0.221$ $G=0.764$ $B=0.015$
 Peak Wavelength: 598.7nm Half Bandwidth: 124.0nm
 Dominant Wavelength: 584.3nm Color Purity: 0.492
 CRI: $R_a=73.6$, $avgR(1\sim14)=65.3$, $avgR(1\sim15)=65.3$ TM30: $R_f=69$, $R_g=98$
 $R_1=71$ $R_2=82$ $R_3=90$ $R_4=71$ $R_5=70$ $R_6=75$ $R_7=79$ $R_8=50$
 $R_9=-17$ $R_{10}=57$ $R_{11}=67$ $R_{12}=51$ $R_{13}=73$ $R_{14}=94$ $R_{15}=66$
 Color Quality Scale: $Q_a=71.9$, $Q_f=71.3$, $Q_p=77.7$, $Q_g=93.9$
 $Q_1=68$ $Q_2=96$ $Q_3=69$ $Q_4=66$ $Q_5=71$ $Q_6=69$ $Q_7=68$ $Q_8=77$
 $Q_9=94$ $Q_{10}=78$ $Q_{11}=74$ $Q_{12}=72$ $Q_{13}=74$ $Q_{14}=64$ $Q_{15}=65$



Photometric Parameters

Luminous Flux: 935.09 lm Efficiency: 75.41 lm/W Radiant Power: 2.770 W
 EEI: 0.17 Energy Efficiency Class: A (EU 874-2012)
 Pupil Flux: 1068.18 Plm Pupil Lumens Per Watt: 86.14 Plm/W Pupil Factor (Kp): 1.142

Electric Parameters

Voltage: 127.20V Current: 0.1630A Power: 12.40W
 Power Factor: 0.5970 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: 43906 (4418) CCD Integration Time: 1805.68 ms