



Product Type: ML-CL-7W-BC

Product Number: 23

CIE Colorimetric Parameters

Características	
Modelo	ML-CL-7W-BC
Aplicación	Downlight metalico dirigible
Material	AL
Terminado	METALICO
Pantalla	0
Indice de Protección [IP]	IP40
Base	N/A
Dimensiones mm	Ø108*65*84 mm
Lúmenes	630/570 Lm
Temperatura	3500k
Parametros Eléctricos	
Tensión Nominal [V~]	85-265 V~
Consumo de Potencia [W]	7W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.08A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	2 Año de Garantía
Certificación	NOM

Chromaticity coordinates:  $x=0.4437$   $y=0.4093$   $u(u')=0.2527$   $v=0.3496$   $v'=0.5244$

CCT:  $T_c=2931K$  ( $duv=0.00118$ )

Color Ratio:  $R=0.201$   $G=0.787$   $B=0.012$

Peak Wavelength: 587.8nm

Half Bandwidth: 102.6nm

Dominant Wavelength: 582.7nm

Color Purity: 0.561

CRI:  $R_a=61.6$ ,  $avgR(1\sim14)=49.5$ ,  $avgR(1\sim15)=49.5$  TM30:  $R_f=61$ ,  $R_g=91$

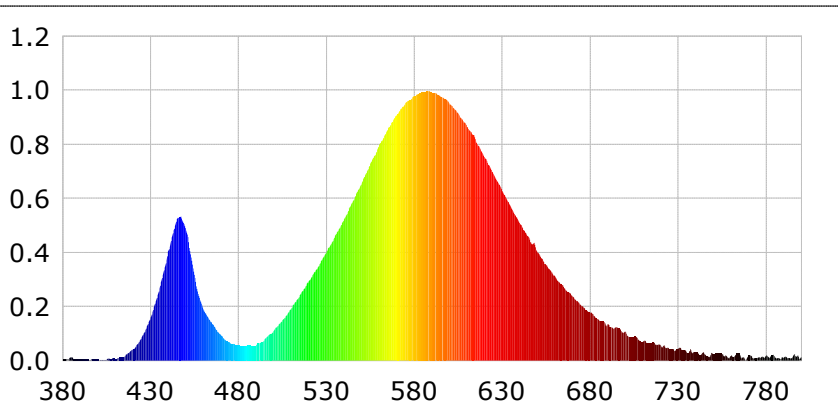
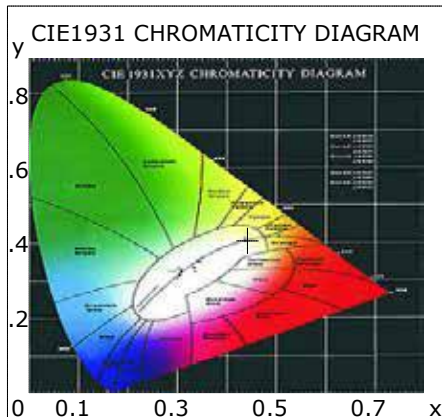
$R_1=56$   $R_2=74$   $R_3=90$   $R_4=55$   $R_5=54$   $R_6=61$   $R_7=73$   $R_8=32$

$R_9=-63$   $R_{10}=40$   $R_{11}=42$   $R_{12}=28$   $R_{13}=58$   $R_{14}=94$   $R_{15}=50$

Color Quality Scale:  $Q_a=63.0$ ,  $Q_f=64.0$ ,  $Q_p=65.5$ ,  $Q_g=84.1$

$Q_1=61$   $Q_2=96$   $Q_3=62$   $Q_4=53$   $Q_5=58$   $Q_6=57$   $Q_7=59$   $Q_8=71$

$Q_9=93$   $Q_{10}=75$   $Q_{11}=67$   $Q_{12}=64$   $Q_{13}=64$   $Q_{14}=49$   $Q_{15}=53$



### Photometric Parameters

Luminous Flux: 714.64 lm

EI: 0.13

Pupil Flux: 747.67 Plm

Efficiency: 91.04 lm/W

Energy Efficiency Class: A+ (EU 874-2012)

Pupil Lumens Per Watt: 95.24 Plm/W

Radiant Power: 1.950 W

Pupil Factor ( $K_p$ ): 1.046

### Electric Parameters

Voltage: 127.30V

Power Factor: 0.5910

Current: 0.1040A

Frequency: 60.00Hz

Power: 7.85W

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 43931 (4648)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 2074.73 ms