



Características	
Modelo	RFLB-50W-BC
Aplicación	Refectores Slim SDM
Material	FE+AI
Terminado	NEGRO
Pantalla	0
Indice de Protección [IP]	IP65
Base	N/A
Dimensiones mm	210*180*30 mm
Lúmenes	4000 Lm
Temperatura	3500K
Parametros Eléctricos	
Tensión Nominal [V~]	100-140 V~
Consumo de Potencia [W]	50W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.50A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	2 Año de Garantía
Certificación	NOM

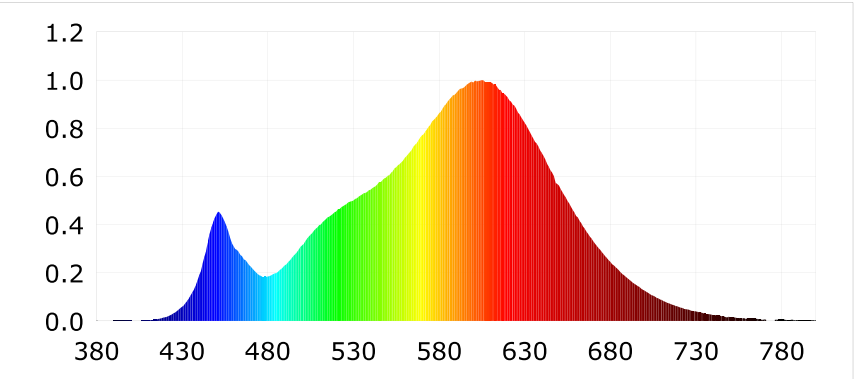
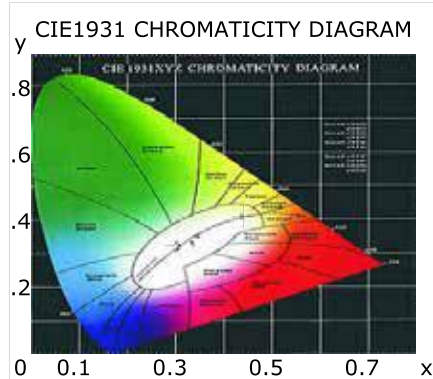
**Product Infomation**

Product Type: RBLB-50W-BC  
Product Number: 142

Product Spec: 50W

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.4426$   $y=0.4118$   $u(u')=0.2509$   $v=0.3502$   $v'=0.5252$   
 CCT:  $T_c=2969K$  ( $duv=0.00229$ )  
 Peak Wavelength: 605.1nm  
 Dominant Wavelength: 582.2nm  
 Color Ratio:  $R=0.229$   $G=0.746$   $B=0.025$   
 Half Bandwidth: 125.0nm  
 Color Purity: 0.565  
 CRI:  $R_a=81.8$ ,  $avgR(1\sim14)=76.0$ ,  $avgR(1\sim15)=75.7$  TM30:  $R_f=83$ ,  $R_g=94$   
 $R_1=80$   $R_2=90$   $R_3=97$   $R_4=80$   $R_5=80$   $R_6=89$   $R_7=82$   $R_8=57$   
 $R_9=2$   $R_{10}=78$   $R_{11}=79$   $R_{12}=69$   $R_{13}=82$   $R_{14}=99$   $R_{15}=71$   
 Color Quality Scale:  $Q_a=82.5$ ,  $Q_f=84.6$ ,  $Q_p=82.0$ ,  $Q_g=88.9$   
 $Q_1=77$   $Q_2=94$   $Q_3=85$   $Q_4=81$   $Q_5=83$   $Q_6=83$   $Q_7=84$   $Q_8=88$   
 $Q_9=95$   $Q_{10}=91$   $Q_{11}=88$   $Q_{12}=85$   $Q_{13}=83$   $Q_{14}=70$   $Q_{15}=73$



**Photometric Parameters**

Luminous Flux: 4609.73 lm  
 EEI: 0.16  
 Pupil Flux: 5706.21 Plm

Efficiency: 83.25 lm/W  
 Energy Efficiency Class: A+ (EU 874-2012)  
 Pupil Lumens Per Watt: 103.06 Plm/W

Radiant Power: 13.569 W  
 Pupil Factor (Kp): 1.238

**Electric Parameters**

Voltage: 126.90V  
 Power Factor: 0.9630

Current: 0.4530A  
 Frequency: 60.00Hz

Power: 55.37W

**Test Infomation**

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Min  
 Max of Signal: 45550 (2214)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 333.07 ms