



Características	
Modelo	ML-REF-20WSMDBB
Aplicación	Reflector SDM Alta Potencia
Material	FE+AI
Terminado	PLATA
Pantalla	0
Índice de Protección [IP]	IP65
Base	N/A
Dimensiones mm	180*140*100 mm
Lúmenes	2000/1800 Lm
Temperatura	6000k/3500k
Parametros Eléctricos	
Tensión Nominal [V~]	85-265 V~
Consumo de Potencia [W]	20W
Frecuencia Nominal [Hz]	50/60Hz
Consumo de Corriente [A]	0.22A
Temperatura de Operación	0 - 40 °C
Beneficios	
Garantía	3 Año de Garantía
Certificación	NOM

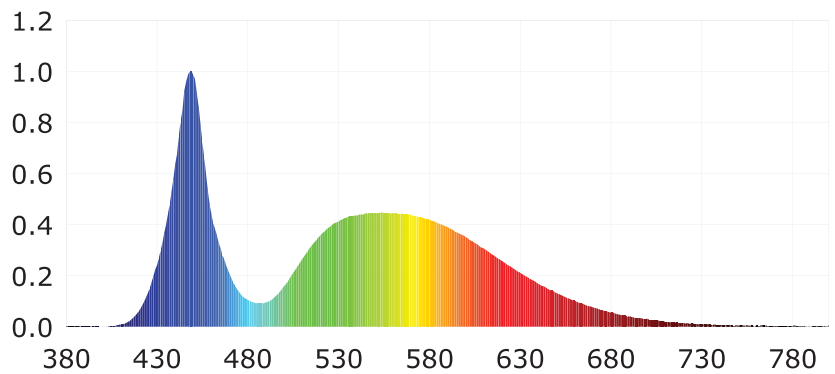
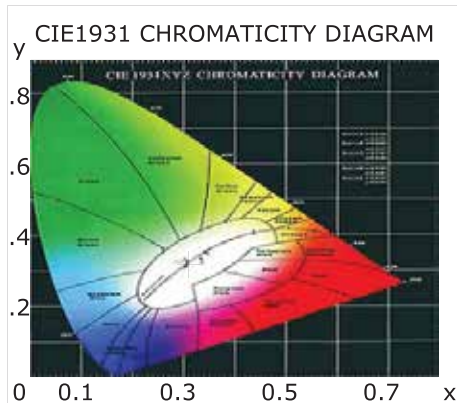
Product Infomation

Product Type: ML-REF-20WSMD BB
Product Number: 134

Product Spec: 20W

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3102$ $y=0.3192$ $u(u')=0.1998$ $v=0.3084$ $v'=0.4626$
 CCT: $T_c=6734K$ ($duv=-0.00066$) Color Ratio: $R=0.123$ $G=0.838$ $B=0.039$
 Peak Wavelength: 448.5nm Half Bandwidth: 21.2nm
 Dominant Wavelength: 483.4nm Color Purity: 0.090
 CRI: $R_a=72.6$, $avgR(1\sim14)=62.0$, $avgR(1\sim15)=62.5$ TM30: $R_f=68$, $R_g=95$
 $R_1=72$ $R_2=76$ $R_3=75$ $R_4=75$ $R_5=73$ $R_6=66$ $R_7=81$ $R_8=63$
 $R_9=-23$ $R_{10}=39$ $R_{11}=72$ $R_{12}=41$ $R_{13}=72$ $R_{14}=86$ $R_{15}=69$
 Color Quality Scale: $Q_a=69.8$, $Q_f=68.2$, $Q_p=74.2$, $Q_g=90.2$
 $Q_1=82$ $Q_2=92$ $Q_3=61$ $Q_4=53$ $Q_5=66$ $Q_6=72$ $Q_7=78$ $Q_8=87$
 $Q_9=87$ $Q_{10}=70$ $Q_{11}=64$ $Q_{12}=66$ $Q_{13}=70$ $Q_{14}=60$ $Q_{15}=69$



Photometric Parameters

Luminous Flux: 1915.68 lm
EEI: 0.15
Pupil Flux: 3344.15 Plm

Efficiency: 91.53 lm/W Radiant Power: 6.020 W
Energy Efficiency Class: A+ (EU 874-2012)
Pupil Lumens Per Watt: 159.78 Plm/W Pupil Factor (Kp): 1.746

Electric Parameters

Voltage: 127.20V
Power Factor: 0.9950

Current: 0.1650A Power: 20.93W
Frequency: 60.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 47033 (2661)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 416.17 ms