



Winwell LED Lighting Limited

Tel:0086-755-29309842 Fax:0086-755-2011015 website: www.win-let.net

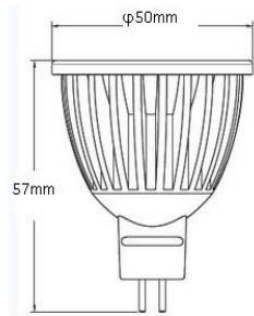
E: info@win-let.net Skype : Shining_1019 MSN : shining.qi@hotmail.com

Add: 3rd Floor Building Dacheng Industrial Park No.357 Jihua Road, Buji Town, Shenzhen China

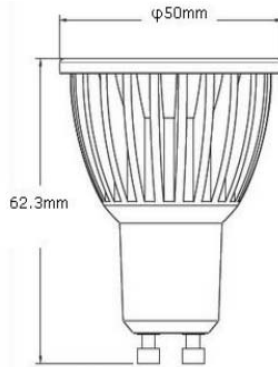
7W High Power LED Spot Lights



WW-MR16HD-7W



WW-GU10HD-7W



Technical Data

GU10 Details

Part Number	LED	Power	CCT	Output lumen	Size	Replacement	Lifespan	PF
WW-GU10HD-7W	COB	7W	Warm White 2700K-2900K Natureal White 4000K-4200K Cool White 5500K-6000K	580-680LM	Dia50mm *L62.3mm	75W	50000H	>0.9

Input voltage	RA	Weight	Package	Efficiency	Working Temperature	Certificates	Beam angle	Frenquency
AC85-260V	90	112g	100PCS/CTN Carton Meas: 35*35*37CM	>90%	- 40°C + 45°C	CE ROHS	15°30°60°	50-60HZ

MR16 Details

Part Number	LED	Power	CCT	Output lumen	Size	Replacement	Lifespan	PF
WW-MR16HD-7W	COB	7W	Warm White 2700K-2900K Natureal White 4000K-4200K Cool White 5500K-6000K	580-680LM	Dia50mm *L57mm	75W	50000H	>0.9

Input voltage	RA	Weight	Package	Efficiency	Working Temperature	Certificates	Beam angle	Frenquency
AC/DC12V	90	102g	100PCS/CTN Carton Meas: 35*35*37CM	>90%	- 40°C + 45°C	CE ROHS	15°30°60°	50-60HZ

Package

	Model	WW-MR16HD-7W	WW-MR16HD-7W
	Package	100PCS/CARTON	
	Carton Size	35*35*37CM	35*35*37CM
	N/W	9KG	9KG
	G/W	12KG	12KG

Advantages

Very low energy consumption Robust against vibrations Extremely long life

No UV and near - IR radiation in the light beam

Instant 100 % light, no warm - up time

Can be easily fitted instead of ordinary light bulbs

Lower thermal output (compared with the standard reference product)

Correct operation even at low temperatures

Robust against vibrations

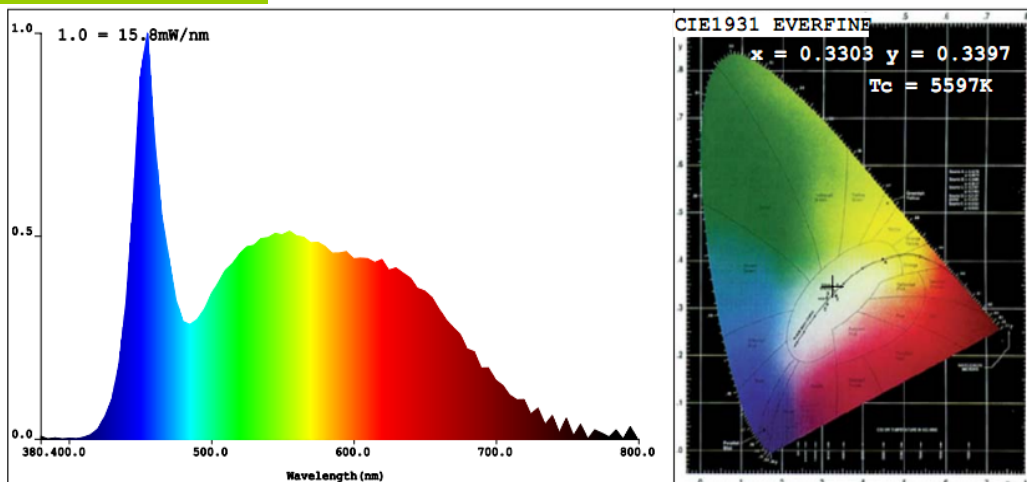
Applications

Display cabinets and show windows

Retail outlets and exhibition rooms

Spotlighting heat - sensitive objects such as flood,plants,etc

Spectrum Test Report



CIE颜色参数:

色品坐标: $x=0.3303$ $y=0.3397$ / $u'=0.2059$ $v'=0.4765$ ($duv=2.92e-04$)

相关色温: $Tc=5597K$ 主波长: $\lambda_d=522.7nm$ 色纯度: $Purity=1.3\%$

峰值波长: $\lambda_p=455nm$ 半宽度: $\Delta\lambda_p=24.1nm$ 色比: $R=16.1\%$ $G=78.3\%$ $B=5.6\%$

平均波长: $\lambda_{av}=556nm$

显色指数: $Ra=92.2$ $Ra'=88.6$

$R1=93$ $R2=95$ $R3=93$ $R4=92$ $R5=91$ $R6=89$ $R7=95$ $R8=90$

$R9=72$ $R10=85$ $R11=91$ $R12=66$ $R13=94$ $R14=96$ $R15=93$

光参数:

光通量: $\Phi=559.80$ (lm) 光效率: $\eta=80.73$ (lm/W) 光辐射功率 $P=1.868$ (W)

电参数:

$U=221.8V$ $I=0.03771A$ $P=6.816W$ $PF=0.815$

仪器状态:

扫描范围: 380.0nm-800.0nm

扫描间隔: 5.0nm

参考通道: REF=19109

倍增管工作温度: 22.6°C

主通道峰值: $I_p=4492$ (G=4, D=50)

测试模式: 快速测试