



深圳市友亿成照明有限公司
Shenzhen YYC-LED Lighting Co.,Ltd

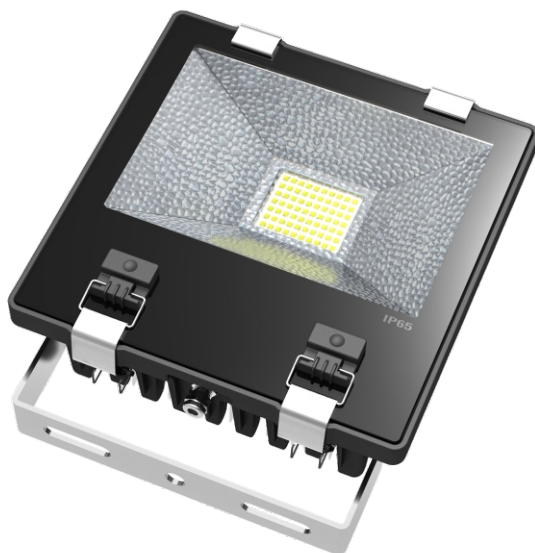
产 品 规 格 书 SPECIFICATION

Item No: FM071

VER: A/0

DATE:2012/11/20

产品图片:
product picture:



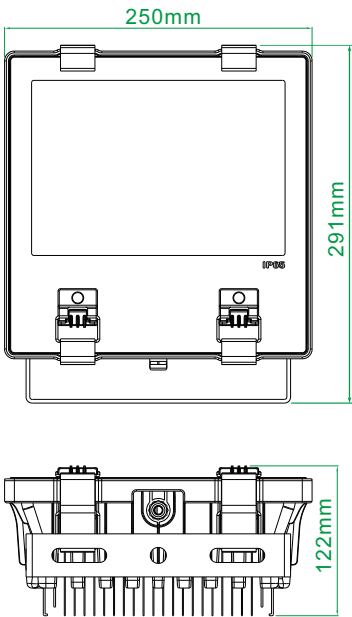
友亿成确认: YYC confirm:		
制 作: made:	审 核: Audit:	批 准: Approved:
刘冠 2012. 11. 20		
客 户 确 认: customer confirm:		
检 查: check:	审 核: Audit:	确 认: confirm:

FM071投光灯(Flood Light)



一. 产品特性(Product features)

- 1☆) 采用现代美学流线造型设计，结构紧凑，外形美观。Adopt the modern aesthetic streamline design, compact in structure and nice in appearance.
- 2☆) 采用优质铝合金片材组合，最大限度增加了散热面积，把重量减到最轻。Reliable aluminum alloy corrugated-fin composition, increasing the cooling area at utmost, reducing the light weight a lot.
- 3☆) 采用高效率高品质的恒流驱动，既保证了产品的稳定，又大大减少电能消耗。Adopt high-quality-high-efficiency constant current driver, to ensure the products' stability, also to reduce the power consumption greatly.



- 4☆) 采用低光衰、高显色LED做光源，光色稳定、无眩光，更加适合人眼，让光更温馨。With high-quality SMD LED light source. A long lifespan. Lower temperatures. Without causing any flickering, helpful to protect the eyes
- 5☆) 不含汞、铅等有害物质，使用时无紫外线、无红外线、无辐射、有利人体健康。No mercury and lead. No UV. No infrared No radiation.

广泛适用于工厂照明，超市照明，体育馆照明，市政工程照明，会展中心照明等等。 Widely used in plant lighting ,supermarket lighting, stadium lighting ,municipal project lighting, Convention Center lighting, etc.

可替换150W传统金卤投光灯
Can replace 150W Traditional Metal halide floodlights .



二. 产品规格(specification)

产品型号(Item No)	规格 (specification)	输入电压 (input voltage)	输入功率 (input power)	功率因素 (power Factor)	色温 (CCT)	光通量 (luminous flux)	显色指数 (CRI)	光束角 (angel beam)
F M071	70W	AC100-240V(50/60HZ)	70W	≥0.95	WW (3000K)	4900LM	Ra80	100°
F M071	70W	AC100-240V(50/60HZ)	70W	≥0.95	NW (4000K)	5250LM	Ra80	100°
F M071	70W	AC100-240V(50/60HZ)	70W	≥0.95	PW (6000K)	5600LM	Ra80	100°

备注(NOTE):

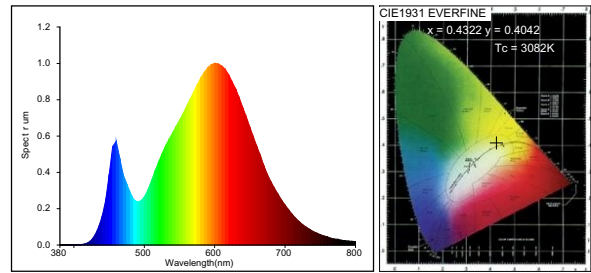
1:白光类型 (Categorizing different lighting) : WW (2700-3300K) NW (3800-4300K) PW (5700-6500K) 并有红/黄/蓝/绿/等颜色供选择. Can supply the other red/yellow/bule/green colow.

2:输入功率误差范围为±10%(input power tolerance for ±10%).

3:光通量误差范围为±10%(luminous flux tolerance for ±10%)

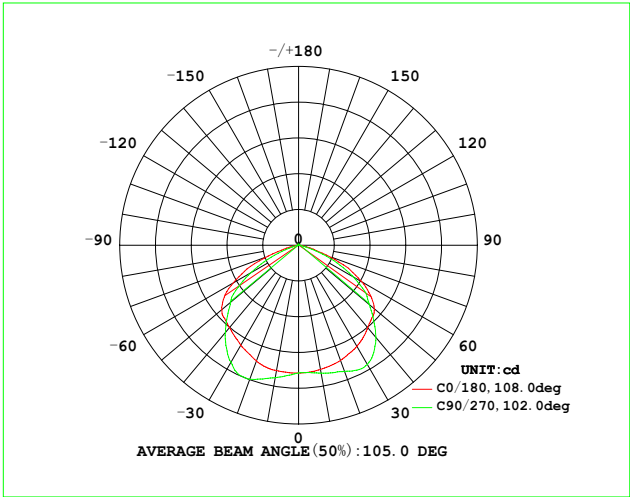
三. 产品光学参数 (Light Characteristics)

暖白WW

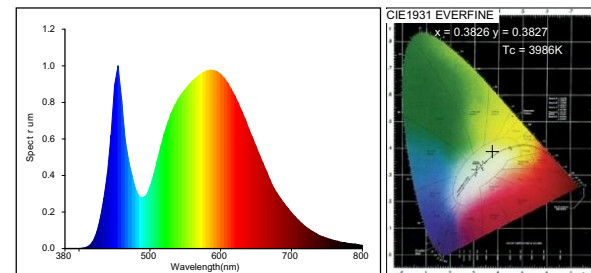


Color Parameters:
Chromaticity Coordinate: $x=0.4322$ $y=0.4042$ $u=0.2475$ $v=0.5207$
Tc=3082K Dominant WL=Ld=582.2nm Purity=51.1% Centroid WL:590.0nm
Ratio:R=23.8% G=73.6% B=2.6% Peak WL:Lp=600.0nm HWL:139.1nm
Render Index:Ra=81.7
R1=8.0 R2=9.0 R3=9.7 R4=7.7 R5=7.9 R6=8.6 R7=8.4
R8=6.1 R9=1.2 R10=7.6 R11=7.2 R12=6.3 R13=8.2 R14=9.8 R15=7.4

配光曲线 (Radiation Diagram)

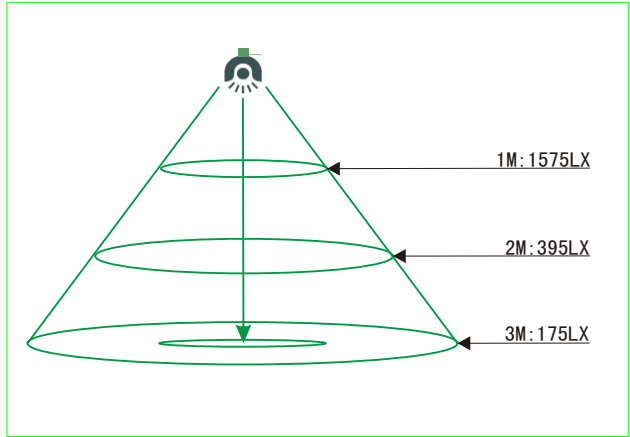


自然白NW

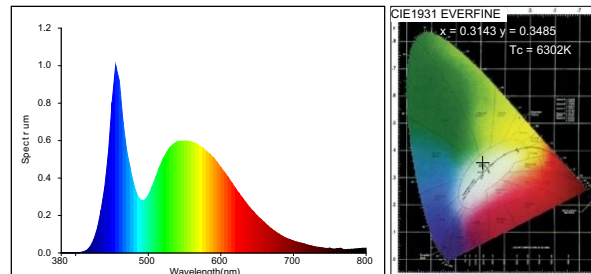


Color Parameters:
Chromaticity Coordinate: $x=0.3826$ $y=0.3827$ $u=0.2242$ $v=0.5045$
Tc=3986K Dominant WL=Ld=578.0nm Purity=29.7% Centroid WL:573.0nm
Ratio:R=19.2% G=77.7% B=3.1% Peak WL:Lp=455.0nm HWL:26.9nm
Render Index:Ra=79.8
R1=7.8 R2=8.6 R3=9.1 R4=7.7 R5=7.6 R6=7.9 R7=8.7
R8=6.5 R9=7.0 R10=6.4 R11=7.2 R12=5.1 R13=7.9 R14=9.5 R15=7.3

照度 (Lux Diagram)

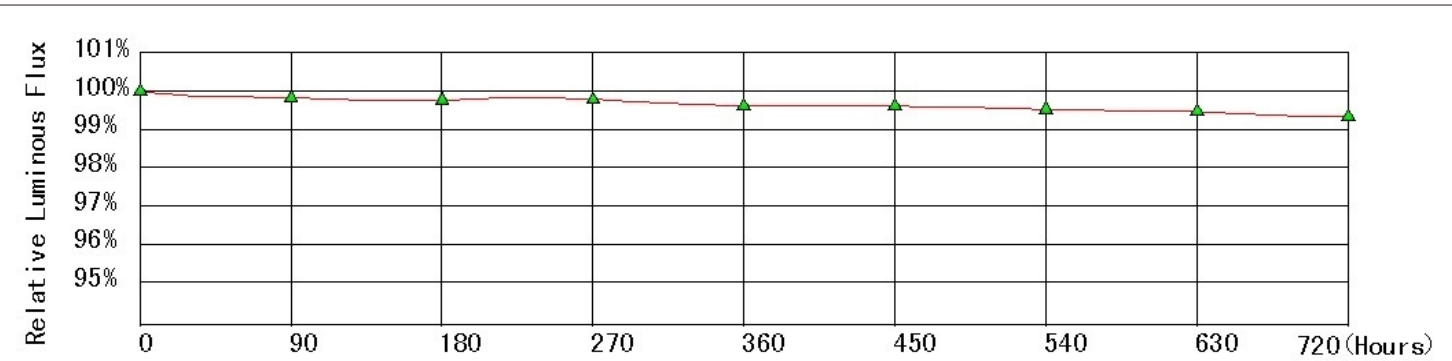
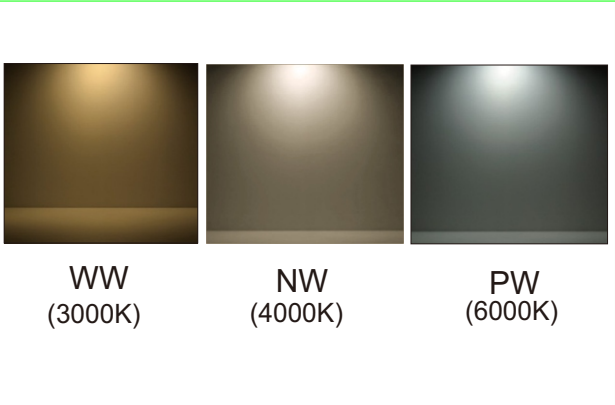


正白PW



Color Parameters:
Chromaticity Coordinate: $x=0.3143$ $y=0.3485$ $u=-0.1918$ $v=0.4786$
Tc=6302K Dominant WL=Ld=502.4nm Purity=5.8% Centroid WL:543.0nm
Ratio:R=13.2% G=81.7% B=5.2% Peak WL:Lp=455.0nm HWL:28.4nm
Render Index:Ra=80.6
R1=7.2 R2=8.5 R3=9.1 R4=7.2 R5=7.5 R6=8.0 R7=8.6
R8=6.5 R9=2.3 R10=6.4 R11=6.7 R12=5.7 R13=7.5 R14=9.5 R15=7.0

光照效果 (Lighting Effects)



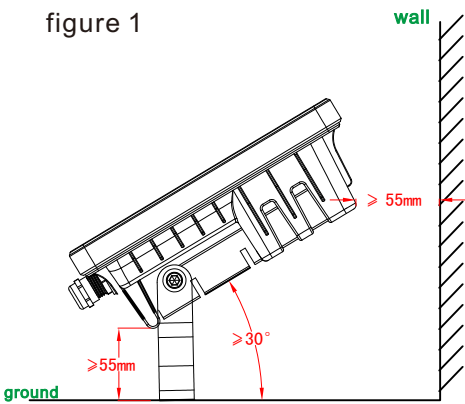
通过720H的高低温加速老化测试, 预测在额定条件下工作35000H后, 将提供平均70%光通维持率 (L70). Through the 720 H accelerated aging test, high and low temperature prediction in the rated under the working conditions after 35000 H, will provide an average 70% optic maintenance ratio (L70).

四. 安装与使用(Installation instructions)

环境条件 (Environmental Conditions)	工作温度(Ambient Temp.)	储存温度(Storage Temp.)	相对湿度(Relative humidity)	大气压力 (Atmosphere Pressure)	散热方式 (Heat sink Mode)
	-20—+55℃	-40—+65℃	5—95%	70-106KPa	自然传导 (Natural Heat Conduction)

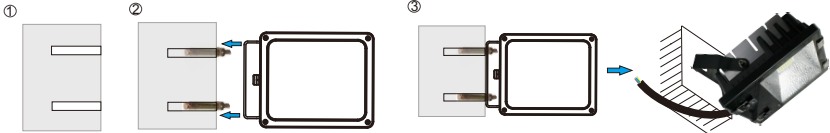
注意事项 (Attention)

- 1. 务必由有资格证书的专业人事进行安装和调试
(This product must be installed by a professional , electrician in accordance with the applicable and appropriate electrcal code and the installation instructions provided in this document。)
- 2. 安装或老化投光灯时，如果散热主体朝下, 散热主体一定要跟水平面保持在30°的角度以上，散热主体要跟任何障碍物保持在55MM距离范围外（如右图所示）
(Please keep heatsink leaves the ground at more than 30 degrees above the horizontal plane and away from any objects about 55mm. (figure 1)
- 3. 连接电源时，要注意输入电压和灯具适配, 电源线接好后，做好绝缘处理. (The input voltage and the lamp should be adapted,After connected the power line, please dealing good with the waterproof

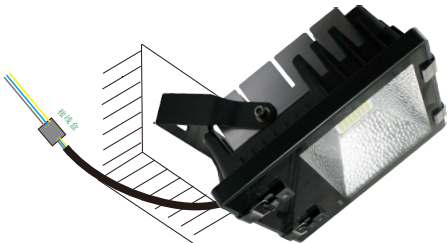


- 1. 将投光灯调好想要安装的照射角度, 用内六角板手锁紧内六角螺丝.
(Adjust the angle you need, and fasten the screw by the Hex key)

- 2. 将LED投光灯安装到墙体或地面上：在墙体或地面上打孔装膨胀螺钉，再装LED投光灯用螺母锁紧；
(Install the LED floodlight onto the wall or the ground: punch hole on the wall orground, prepare the expansion screw, and then fasten the floodlight;)



- 3. 将干线上的电源线连接到灯具的电源线上, 电源线接口作好防水处理.
接线方法： 棕色：L 蓝色：N 黄绿：地线
(Connect the power wire from the Main line to the power wire of the lamp, and then make treatment for water resistance. Pls note that the Brown color wire is Live wire, Blue wire is Null line, the yellow and green wire is Earth line.)



- 4. 接通电源，确认灯亮，安装完毕。
(Turn on the power supply to ensure the light is working, Installed.)

五. 包装说明 (Packing Instructions)



产品型号(Item No)	净重(Net Weight)	内 盒(box)			外 箱(carton)		
		尺寸(Measurement)	毛重(Gross weight)	数量(pcs/box)	尺寸(Measurement)	毛重(Gross weight)	数量(pcs/Carton)
F M071	3.2Kg	L350*W310*H185(mm)	3.7kg	1	L565*W320*H360(mm)	12.0kg	3

