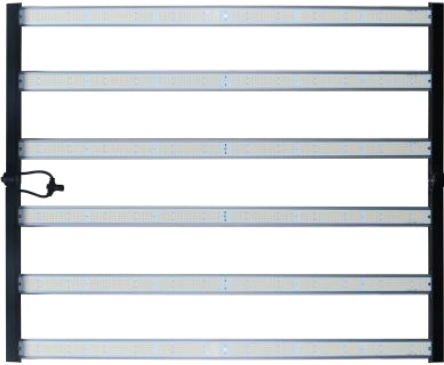


**Description:**

RX-G120LV3.0 版本折叠式顶光灯, 药用植物生长模组, 高性能园艺种植顶光解决方案, 专为商业种植设计, 优选植物专用光谱, 从紫外到远红, 满足药用植物的光照需求, 充分激发药用成分。特别用于室内药用植物种植层架种植, 科学试验种植。



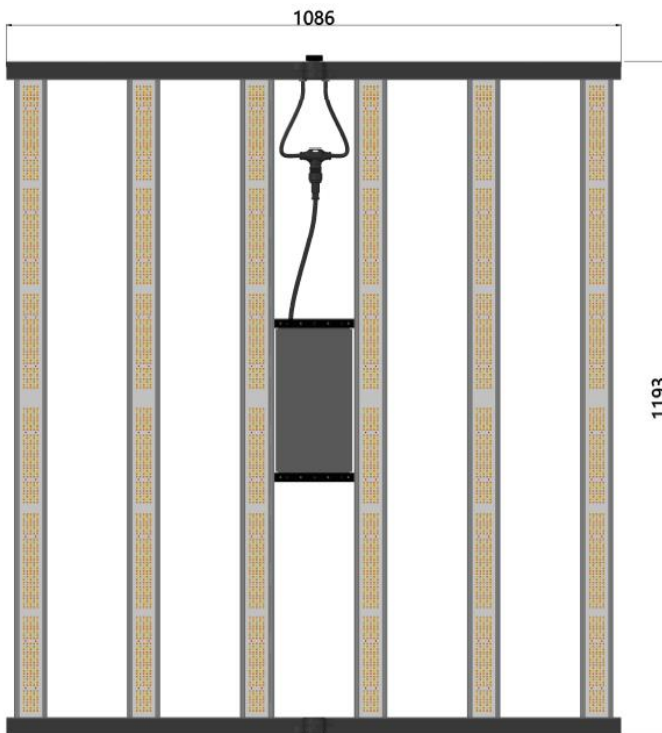
1. 商业工业药用植物种植解决方案, 植物帐篷照射覆盖面积, 蔬菜种植面积 2x2m, 开花面积 1.5x1.5m, 暗室无反射覆盖面积开花 1.2x1.2m
2. 非常多的 LED 灯珠, 高达 5904 颗, 白光采用三星品牌灯珠
3. 优选的药用植物光谱, 可定制你需要的光谱
4. 高 PPF 效率, 高达 2.6umol/J
5. 超高 PAR 输出, 用于医用药用植物生长; 适合高密度层架种植
6. 大尺寸 1.2x1.2m (4'x4'), 多条阵列, 光谱辐射均匀
7. 额定功率: 640W/AC120V, 630W/AC230V, 630W/AC277V
8. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD μmol/m <sup>2</sup> /s	PPFD output	Power AC Input	Comment
RX-G120-L	1193x1086x65mm 47" * 42.8" * 2.6"	F51	1050μmol @0.2m	1630μmol/s	630W AC277V	Medicinal plant light recipe Vegetative growth and flowering maturity
			950μmol @0.3m			
			750μmol @0.5m			

表面温升 Tc 32 °K 工作温度: -30 °C ~ 40 °C, 使用寿命: 50,000 hrs  
 光电误差范围: ±5%。  
 发光角度 120°, 推荐安装高度: 12" ~ 36" (0.3-0.91m) 距离植物冠层高度

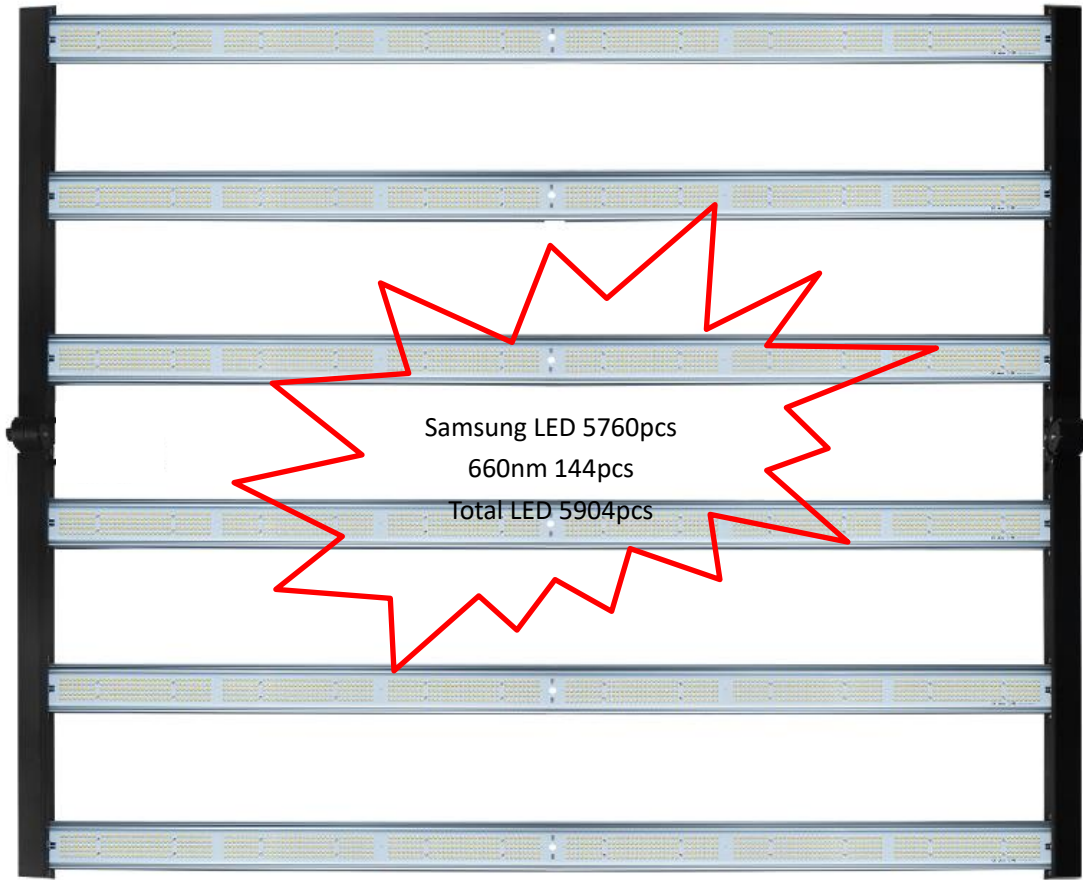
PPFD 中心值为暗室无反射测试, 以上数据仅供参考!

**Dimension:**

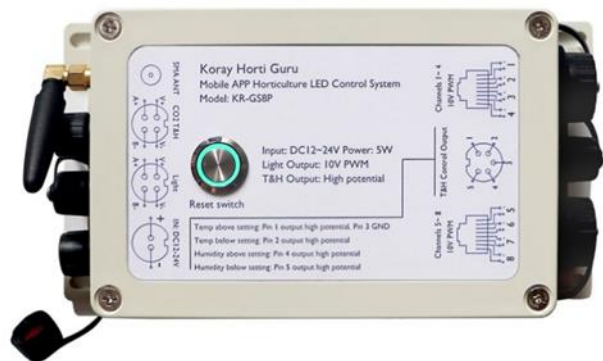


Unit:mm

- Ultra many led, up to 5904pcs, LED lamp bead power more than 3000W, derating use, to ensure low temperature rise and high light efficiency

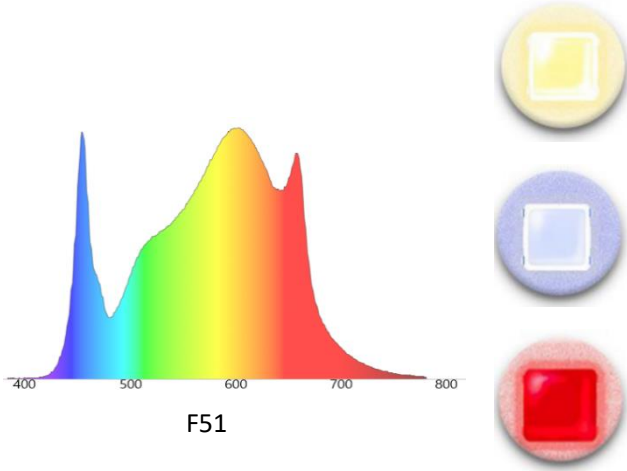


- Compatible with Horti Guru APP control system



Horti Guru APP control system requires additional purchase  
For more information, please contact Koray

- Full spectrum F51, rapid and effective plant growth



Warm white LED 3000K color temperature  
Promote plant flowering, make flowers bigger and better quality.

Blue light LED 5000K color temperature  
Promote the germination and increase the growth rate of plants

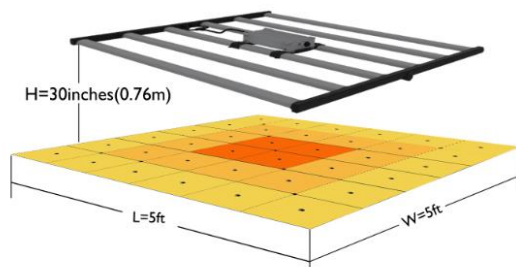
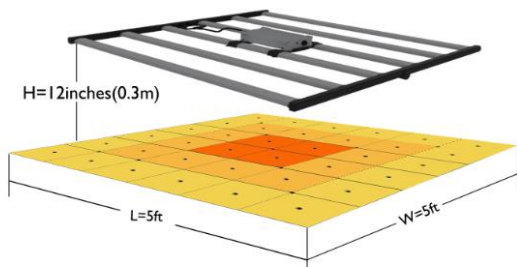
Deep Red Light 660nm  
Yields more leaves and crops when combined with blue light

Koray is applied with authorized Samsung LED

Make sure you purchase authentic SASUNG LED, Don't be fooled by fake listing and data

- PPFD Test

### 5ft\*5ft (1.5x1.5m) Plant Tent Test Data Sheet



319	488	536	527	490	323
499	875	1037	1041	866	492
559	950	1162	1147	957	541
551	940	1159	1151	944	546
483	881	1025	1034	870	486
330	478	532	529	482	326

5ft

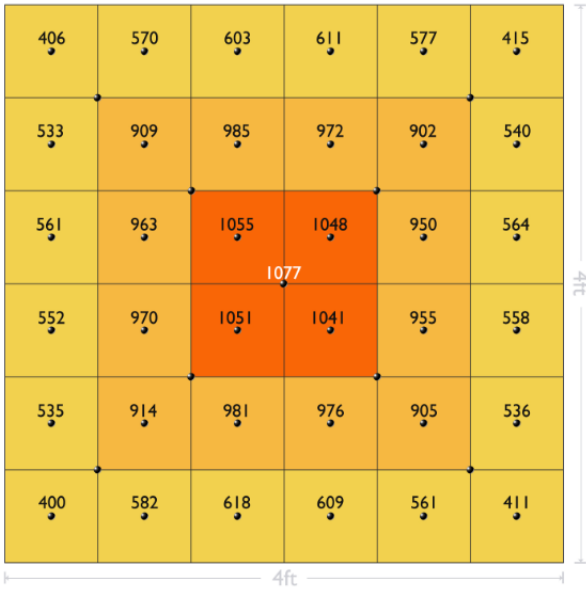
12"(0.3m) Grow Tent Test

382	405	479	483	413	395
434	505	559	562	511	422
449	531	587	583	540	452
456	544	593	599	537	458
430	503	571	565	506	426
390	410	474	477	409	389

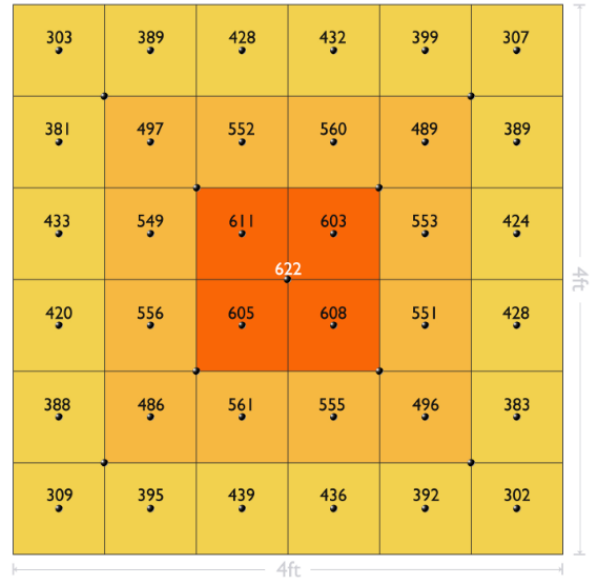
5ft

30"(0.76m) Grow Tent Test

Tested in dark room (without any reflective sides) 4ft\*4ft (1.2x1.2m)

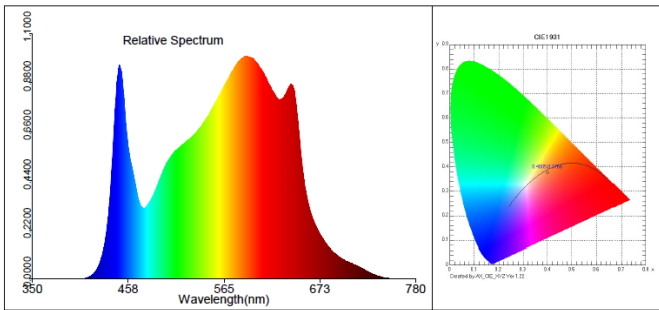


Test height 12" (0.3m)



Test height 22" (0.56m)

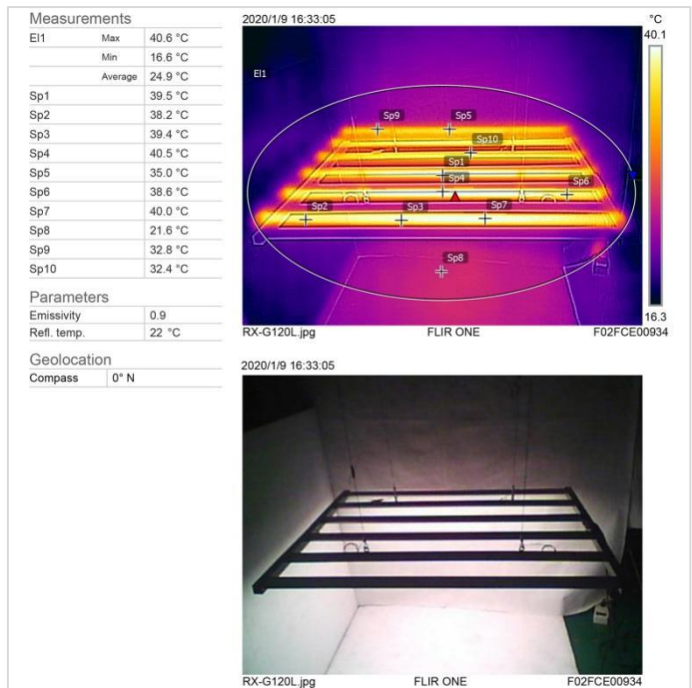
● Test report



Test parameter:

E= 51875.5 lx      E(fc)=4821.14 fc  
 CIE x= 0.4005      CIE y= 0.3766      CIE u'=0.2385      CIE v'=0.5045  
 Tc=3490 K      Lp=601.0 nm      HW=161.5 nm      Ld=583.5 nm  
 Pur=33.2 %      Ratio\_R=21.5 %      Ratio\_G=74.7 %      Ratio\_B=3.8 %  
 Duv=-0.00528  
 Ra=90.2      R1= 91      R2= 97      R3= 96  
 R4= 89      R5= 91      R6= 93      R7= 88  
 R8= 76      R9= 48      R10= 92      R11= 90  
 R12= 76      R13= 93      R14= 99      R15= 87  
 SDCM= 6.4(3500K/White)  
 White Class:OUT  
 E1=164.1 W/m2      E2=167.54 W/m2      PPFD=780.86 μmol/(m·s)  
 Ech-A=24.708 W/m2      Ech-B=32.278 W/m2      Ef=3.4292 W/m2  
 Eb=31.803 W/m2      Ey=69.212 W/m2      Er=63.219 W/m2  
 Ep=144.5 Wphyto/m2      Erb\_Ratio=1.9878  
 PPFDf=2.0770E+001 μmol/(m2·s)

RX-G120-L-F51 0.5M PPFD Output



RX-G120-L-F51