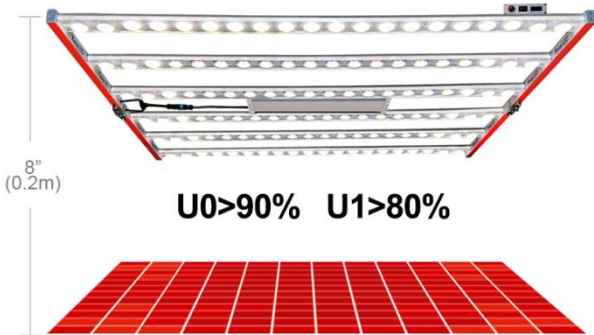


Description:

RX-G80 系列高均匀光照药用植物生长园艺 LED 模组, 真正高均匀光照 $U_0 > 90\%$ (覆盖 $1.2 \times 1.2\text{m}$, 悬挂高度 0.2m), 呵护你的每一棵植物, 三种不同的二次光学系统, 同样功率, 平均 PPFD 更高, 欢迎与所有竞争对手对比测试! 特别用于室内药用植物层架种植。

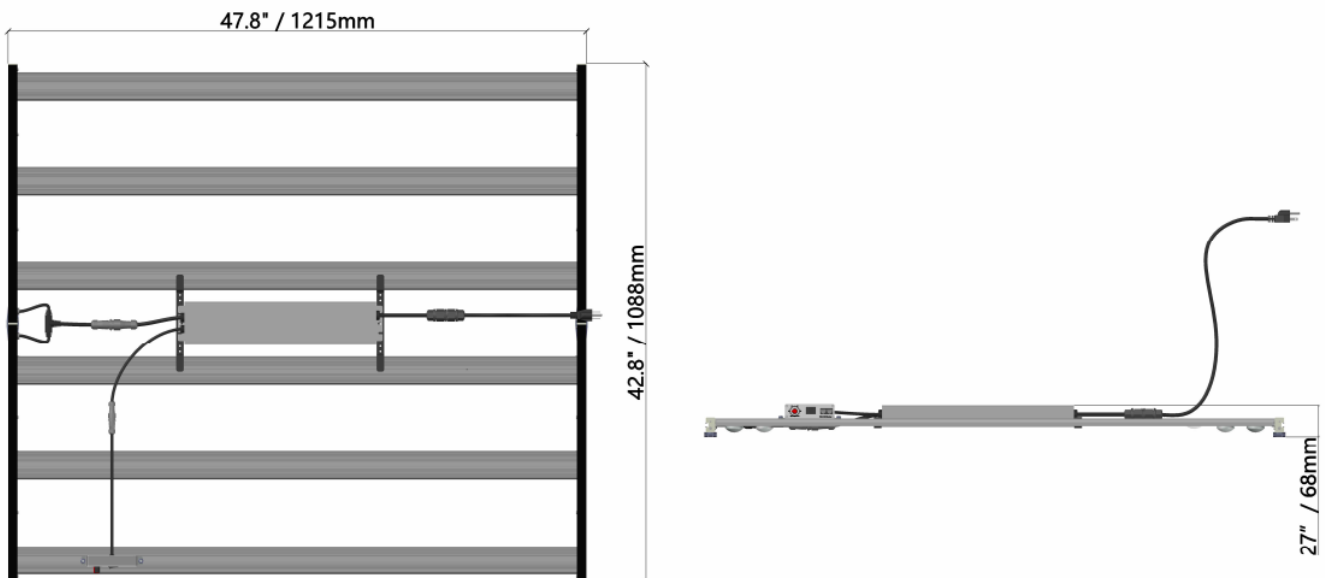


1. 层架药用植物栽培植物灯, 覆盖面积 $4\text{ft} \times 4\text{ft}$ ($1.2 \times 1.2\text{m}$)
2. 平匀光照, $U_0 > 0.9$, $U_1 > 0.8$, 悬挂高度 0.2m , 高均匀光照, 呵护每一棵植物。
3. 相比同类产品, 平均 PPFD 提高 $29-47\%$, 更加节能省电!
4. U40 全光谱, 经过多年实际种植, 效果优异。
5. 三星 LM301H LED 灯珠, 高效可靠, PPE $2.7\mu\text{mol/l}$
6. 群控调光器, 兼容 Horti Guru 植物灯控制系统
7. 功率: $700\text{W}/\text{AC} 120-277\text{V}$, 可定制 650W 或 750W
8. CE RoHS ETL

Model	Dimension LxWxH	Spectral Wavelength	Avg PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	PPF output	Power AC Input	Comment
RX-G80	$1215 \times 1088 \times 100\text{mm}$ $47.8" \times 42.8" \times 3.9"$	<p>U40</p>	$1280\mu\text{mol} @ 0.2\text{m}(8")$	$1860\mu\text{mol}/\text{s}$	700W $\text{AC} 230\text{V} \sim 277\text{V}$	flowering berry stage
			$860\mu\text{mol} @ 0.46\text{m}(18")$			
			$750\mu\text{mol} @ 0.61\text{m}(24")$			
工作温度: $-20^\circ\text{C} \sim 40^\circ\text{C}$, 使用寿命: 50,000 hours (Note: $T_a \leq 25^\circ\text{C}$) 光电误差范围: $\pm 10\%$						

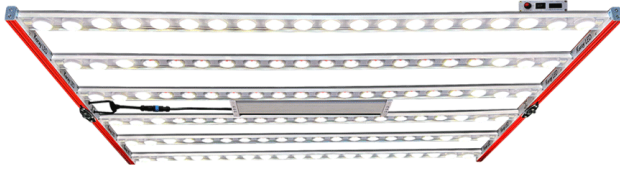
PPFD 数据为无反射暗室测试, 覆盖面积 $4\text{ft} \times 4\text{ft}$ ($1.2 \times 1.2\text{m}$), 仅作参考!

Dimension:

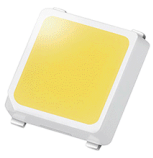


Unit:mm

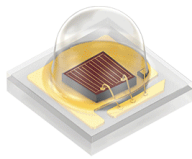
G80-U40 World's Best High Uniform Grow Light & Higher Avg PPF is Leading other brands



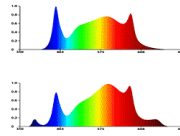
High Uniformity U0 >90%
Care for Each Plants



Samsung LM301H



Osram LED



Optional Spectrum

Same Power : 650W
29% increase in PPF

122.48	165.45	205.65	235.30	252.70	259.90	252.70	235.30	205.65	165.45	122.48
196	240	314	389	388	403	390	371	313	241	164
173.43	236.10	320.00	358.75	371.50	380.50	371.50	358.75	320.00	236.10	173.43
231	378	469	547	584	584	581	546	471	381	231
223.50	313.50	397.00	462.25	499.25	510.00	499.25	462.25	397.00	313.50	223.50
307	447	608	707	757	709	758	709	610	446	305
267.08	378.75	482.75	566.00	609.50	623.50	609.50	566.00	482.75	378.75	267.08
343	518	680	783	834	854	837	778	679	513	345
294.50	420.25	537.25	627.00	678.75	694.50	678.75	627.00	537.25	420.25	294.50
376	543	697	811	860	882	865	809	699	544	374
308.50	434.00	556.25	648.50	702.50	719.50	702.50	648.50	556.25	434.00	308.50
378	530	705	818	872	896	885	816	703	549	376
294.50	420.25	537.25	627.00	678.75	694.50	678.75	627.00	537.25	420.25	294.50
377	543	705	813	862	883	867	810	702	546	375
267.08	378.75	482.75	566.00	609.50	623.50	609.50	566.00	482.75	378.75	267.08
345	516	675	778	837	852	839	779	677	517	347
223.50	313.50	397.00	462.25	499.25	510.00	499.25	462.25	397.00	313.50	223.50
305	449	610	710	761	770	760	706	607	451	301
173.43	236.10	320.00	358.75	371.50	380.50	371.50	358.75	320.00	236.10	173.43
231	383	468	550	585	588	582	548	471	382	234
122.48	165.45	205.65	235.30	252.70	259.90	252.70	235.30	205.65	165.45	122.48
168	238	309	373	391	399	389	372	311	239	165

PPFD Test 24 Inches Above 5' x 5' Grid

Koray G80 U40 700W & Gav*** 17*** 650W

Avg PPF increase: 39% (665: 480μmol/m²/s)

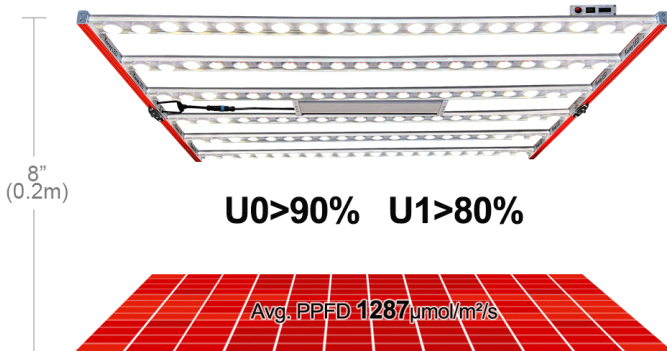
Adj Same Power 650W Avg increase: 29%

4 大优势: 真正的高均匀光照 U0 >0.9; 平均 PPF 提高 29-47%, 欢迎对比测试; U40 全光谱, 经过多年实际种植, 表现优异; 国际品牌元件材料。

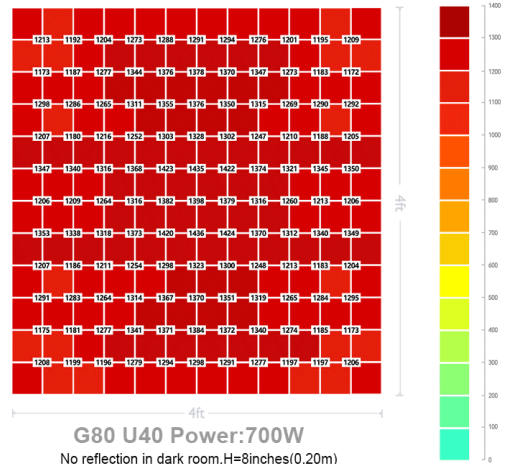
层架药用植物栽培植物灯, 覆盖面积 4ft*4ft (1.2x1.2m)

植物帐篷药用植物栽培, 覆盖面积 5ft*5ft (1.5x1.5m)

The Highest Uniformity In World, Care for Each Plants, U0 >90%, U1 >80,



3 Different Secondary Optical Systems



G80 U40 Power:700W

No reflection in dark room, H=8inches(0.2m)

Coverage area: 4ft * 4ft (1.2m * 1.2m)

U0=0.91 U1=0.82 Average PPF: 1287μmol/m²/s

- U0=Emin/Eav
- U1=Emin/Emax
- High uniformity no central hot spot.
- No burn to plants, Better growth and higher yields

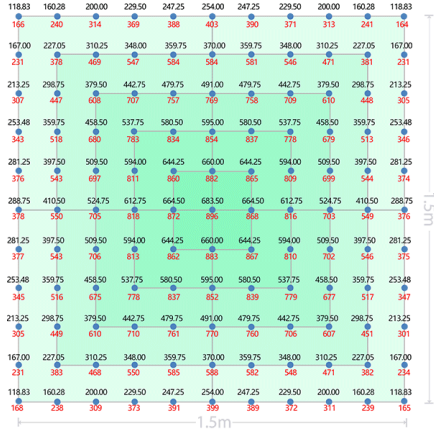
平匀光照, 呵护每一颗植物。

高度 8"/0.2m, 覆盖面积 4ft*4ft (1.2x1.2m), 121 点测试 PPF, U0 >90%, U1 >80%

近距离照射 8"/0.2m, 没有中心热点, 不会灼伤植物, 节省栽培空间, 提升种植密度

G80-U40 Truly Energy Efficient : Avg PPF increase: 39-47% (Compared with World-famous Brands)

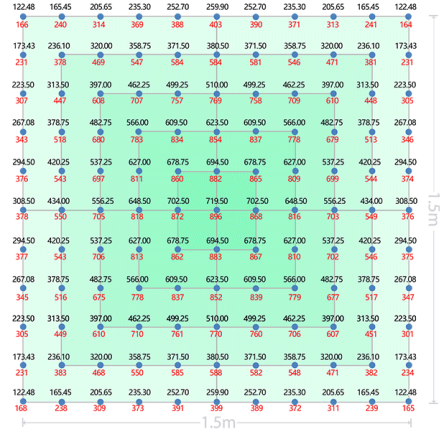
Compared with FL*SP** 2i**
47% increase in PPF



PPFD Test 24 Inches Above 5' x 5' Grid
Koray G80 U40 700W & FL*** SP** 2i 630W
81 points Test Avg increase: 47% (665: 451 μmol/m²/s)

Adj to Same Power 630W: increase Avg PPF 33%

Compared with Gav*1700E**
39% increase in PPF



PPFD Test 24 Inches Above 5' x 5' Grid
Koray G80 U40 700W & Gav*** 17** 650W
81 points Test Avg increase: 39% (665: 480 μmol/m²/s)

Adj to Same Power 650W: increase Avg PPF 29%

相比世界知名品牌, PPF 提高 29-33%

0.2m, 0.3m, 0.46m, 0.6m 任何一种悬挂高度, 均匀性均知名品牌产品, 均匀度最高提升 15-60%

再高的光合光子通量效率 PPE, 只有转换成实际植物冠层的照度 PPF, 才是有效的。

不能照射到植物表面的光, 都会白白的浪费。

可选择光谱:

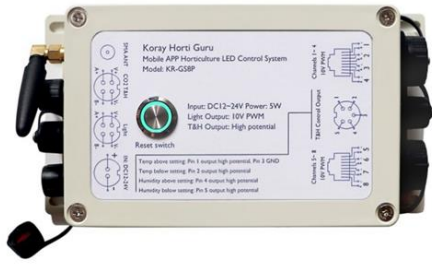
U80 全光谱, 添加 UVA 和 FR 光照, 提高药用作物次生代谢产物。

Model	Dimension LxWxH	Spectral Wavelength	Avg PPF μmol/m²/s	PPF output	Power AC Input	Comment
RX-G80	1215x1088x100mm 47.8" * 42.8" * 3.9"		1100 μmol @0.2m(8")	1800 μmol/s	700W AC230V~277V	flowering berry stage
			800 μmol @0.46m(18")			
			700 μmol @0.61m(24")			

工作温度: -20 °C ~ 40 °C, 使用寿命: 50,000 hours (Note: Ta ≤ 25 °C)
光电误差范围: ±10 %。

PPFD 数据为无反射暗室测试, 覆盖面积 4ft*4ft (1.2x1.2m), 仅作参考!

兼容 Horti Guru 植物灯控制系统



RX-GS8P Horti Guru APP 控制系统



Horti Guru APP 应用和程序



注： Horti Guru APP 控制系统需要额外购买，详细请联系 Koray

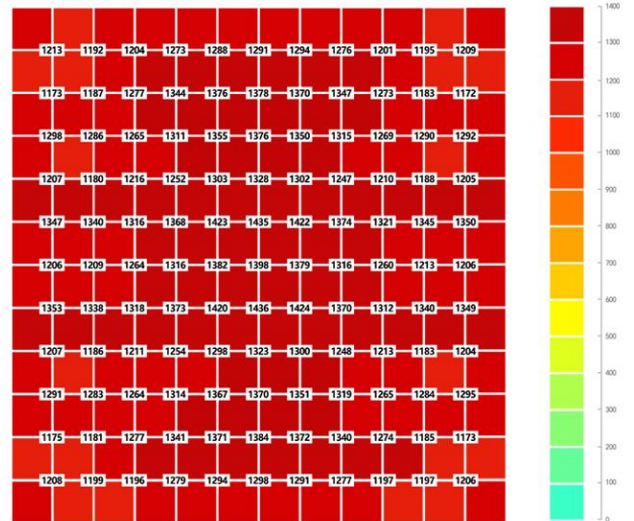
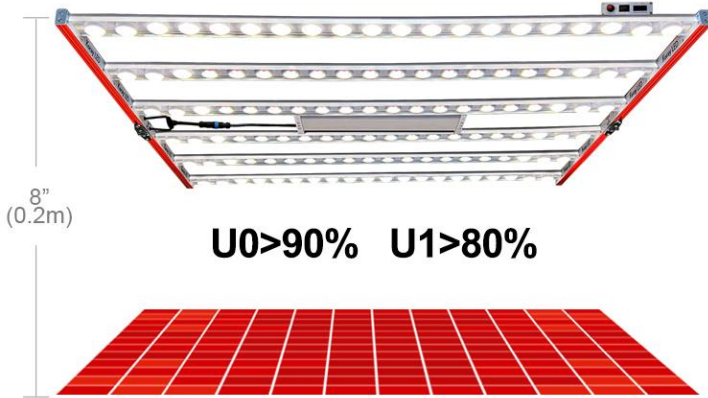
World's best light uniformity Leading other brands

welcome to compare and test with competitors

There is no central hot spot, which will not burn plants
 High and uniform light will protect every plant

Three different secondary optical technologies are used
 to improve PPFD and illumination uniformity

Height 8 inches-40 inches, light uniformity is much better than other brands



3 Different Secondary Optics Systems

G80 U40 Power:700W

No reflection in dark room, H=8inches(0.20m)

Coverage area: 4ft * 4ft (1.2m * 1.2m)

U0=0.91 U1=0.82 Average PPFD: 1287 μ mol/m²/s

* U0=Emin/Eav

U1=Emin/Emax

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No burns to plants, Better growth and higher yields

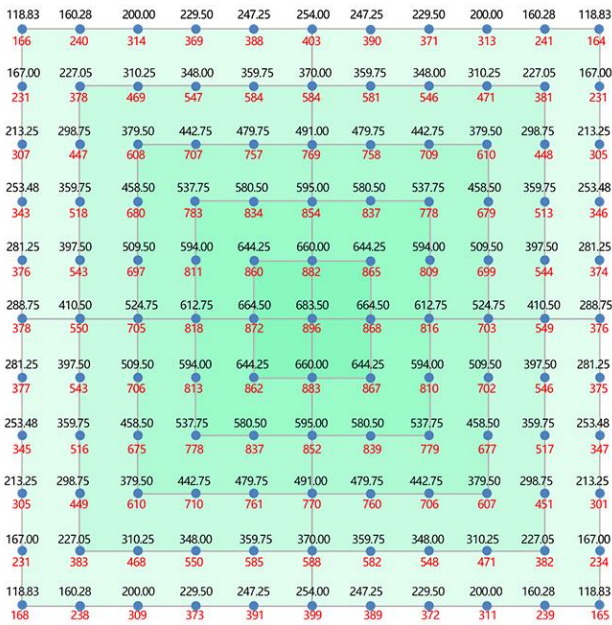
Truly Energy Efficient

Average PPFD increases: **39-47%**

Compared with World-famous Brands

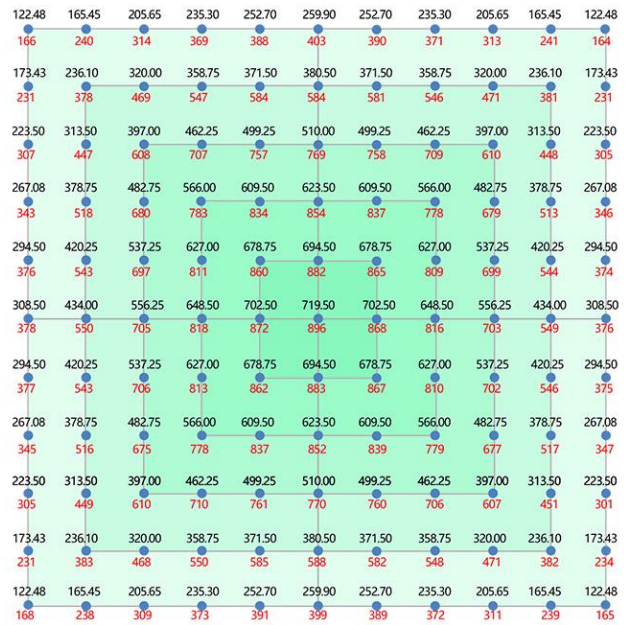
Welcome to Compare and Test with Competitors!

PPFD Measurement Result at 24" Height - 6 inch square Grid



PPFD Test 24 Inches Above 5' x 5' Grid
Koray G80 U40 700W & FI*** SP***2i 630W

Avg PPFd increase: 47% (**665**: 451μmol/m²/s)
Adj Same Power 630W Avg increase: 33%



PPFD Test 24 Inches Above 5' x 5' Grid
Koray G80 U40 700W & Gav*** 17*** 650W

Avg PPFd increase: 39% (**665**: 480μmol/m²/s)
Adj Same Power 650W Avg increase: 29%

No matter how high the photosynthetic quantum flux efficiency PPE,
it is effective only when it is converted into the illumination PPFd of the actual plant canopy.
The light that cannot reach the surface of plants will be wasted in vain.

*Red is Koray PPFd data