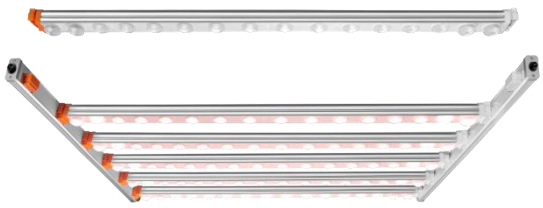
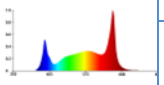
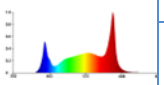
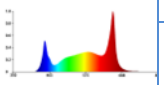
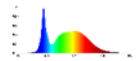
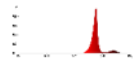
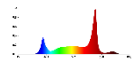
G50 Detachable and quick insertion grow light for home growth medicinal plants

MODEL: RX-G50 series www.koraylight.com www.xinelam.com

Description:RX-G50 Detachable quick connect plug is used to install a high uniform light plant grow light, Koray secondary optical technology to improve PPFD, which is more energy-saving, even lighting, without a central hot spot, quick plug design, Removable Save freight, easy to maintain and expand, no bulky external power supply, optional full spectrum and adj spectrum, full spectrum low green light, fast growing crops, improving plant yield and quality, Adjustable spectra are suitable for scientific research and experimental planting. welcome to compare and test with any competitor.



1. Unique quick plug installation design, disassembling and packaging to save transportation costs, no bulky external power supply, saving installation space!
2. 360W win 400W, and 510W is equivalent to 650W, compared to internationally renowned brands, regardless of plant tent or shelf cultivation, the same average PPFD, lower power consumption, and more energy-saving.
3. Koray secondary optical system, with uniform lighting, no central hot spot, no burning of plants at close range, saving space for multi-layer cultivation, and improving planting density.
4. Full spectrum G19 G24, low green spectrum, higher photosynthetic efficiency, U190 adjustable spectrum suitable for experimental cultivation
5. Multiple sizes and power options available
6. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Avg PPFD μmol/m²/s	PPF	Power Input AC	Comment
RX-G50-360W	860x860x58mm 33.9"*33.9"*2.3"	G19 	930μmol @0.3m 730μmol @0.56m	1000umol/s	360W/120V 3A 360W/230V 1.6A	3x3ft grow tents Optional G19R 390W Win 450W Board
RX-G50-255W	1080x420x58mm 42.5"*16.5"*2.3"	G19 	1000μmol @0.3m 800μmol @0.56m	710umol/s	255W/230V1.1A	2x4ft grow tents
RX-G50-510W	1080x1020x58mm 42.5"*40.2"*2.3"	G19 	1050μmol @0.3m 850μmol @0.56m	1420umol/s	510W/230V 2.2A	4x4ft grow tents
RX-G50-660W	1206x1106x58mm 47.5"*43.5"*2.3"	CH1 	650μmol @0.2m 600μmol @0.3m	900umol/s	348W/120V 2.9A 348W/230V 1.5A	Dual channel tunable spectrum Research and experimental planting
		CH2 	750μmol @0.2m 700μmol @0.3m	860umol/s	312W/120V 2.6A 312W/230V 1.4A	
		U190 	1400μmol @0.2m 1300μmol @0.3m	1760umol/s	660W/120V 5.5A 600W/230V 2.9A	

Working temperature: - 20°C ~ 35°C, Lifespan: 50,000 hours (Note: Ta 25 °C)

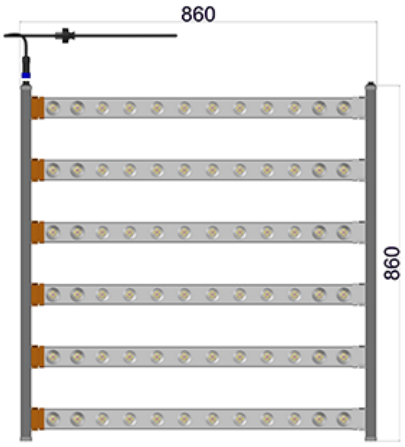
Tolerance range for optical and electrical data: ±10 %.

PPFD value is grow tent, Please refer to the PPFD map for power saving comparison.

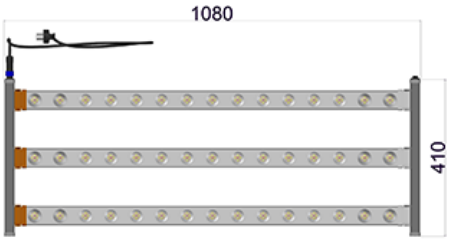
The calculation method for energy conservation and electricity conservation is based on working 12 hours a day and 365 days a year.

Leapfrogged

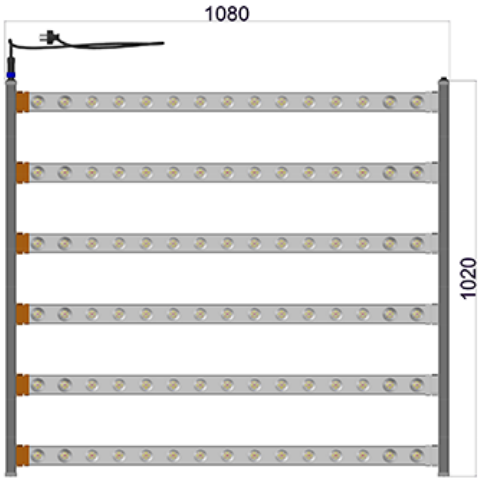
Compared to other brands, energy-saving: 18-35%
ON 12 hours/day, Saves 394-657kWh/year



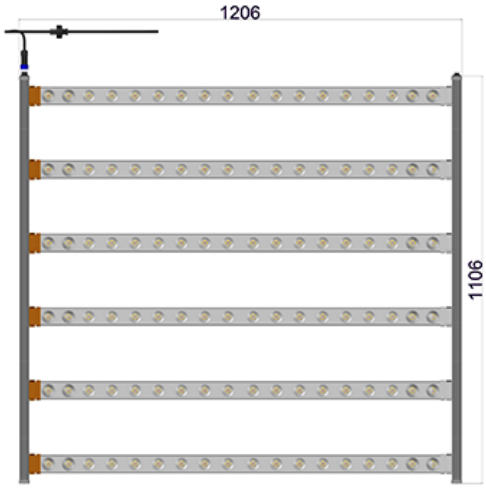
G50-360W win 400W



G50-**255W** or 180W



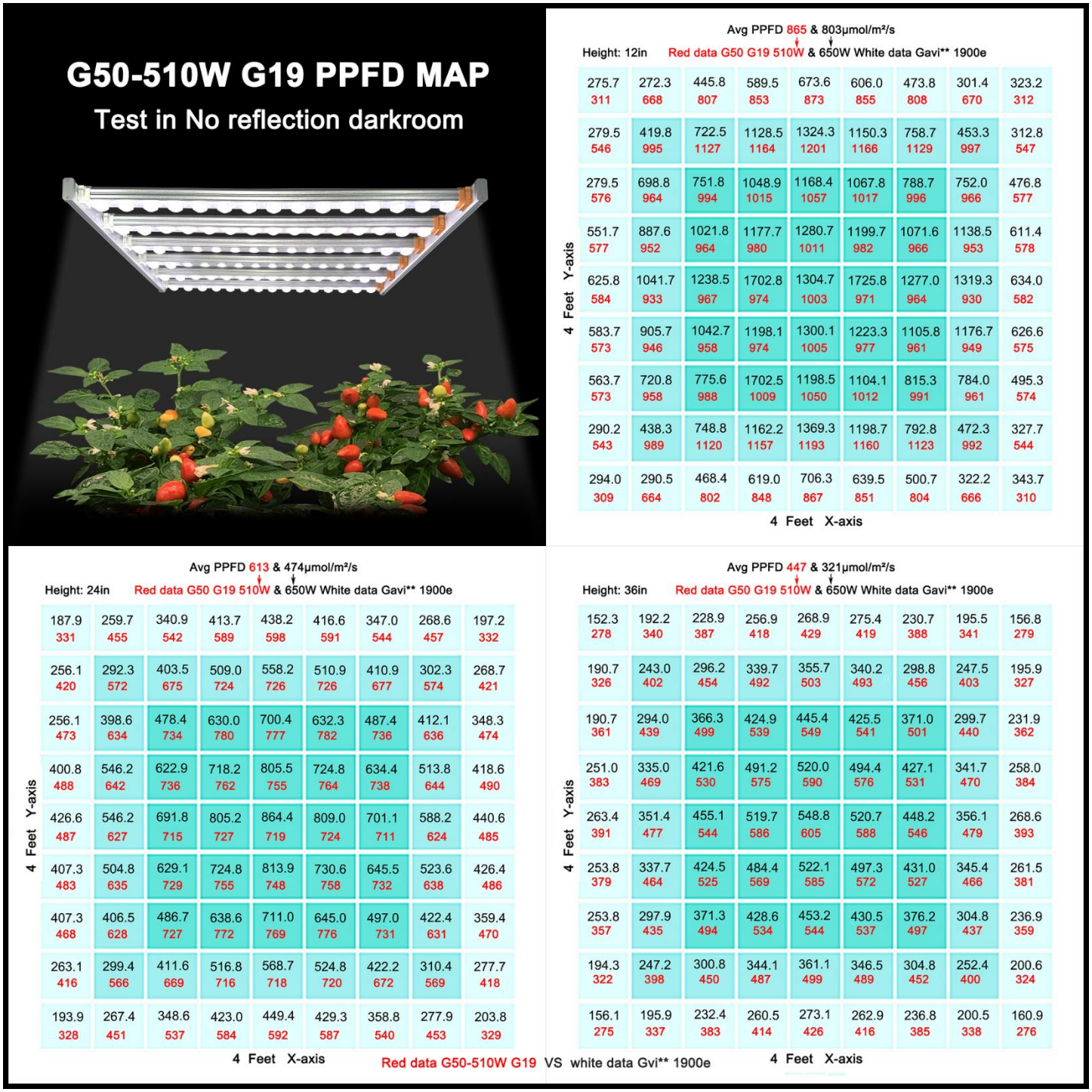
G50-**510W** Better than **650W**



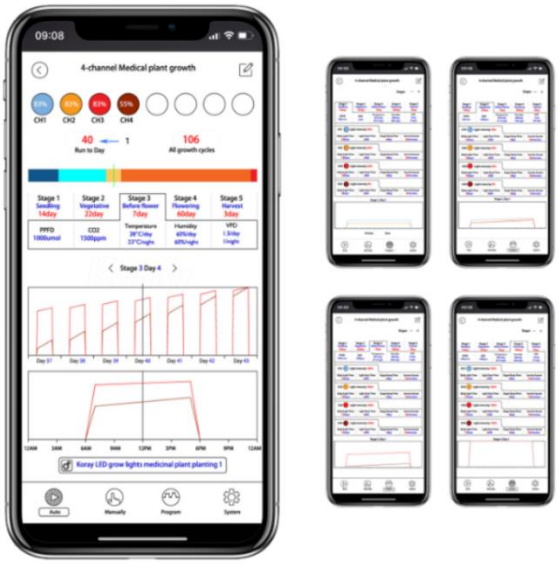
G50-**660W** Better than **800W**

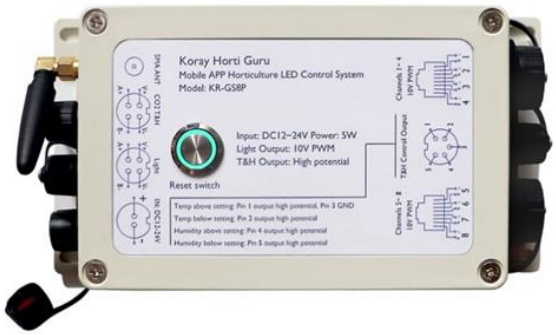
Welcome to compare and test with any competitor

PPFD Map Compared to other brands



Compatible with Horti Guru APP control system

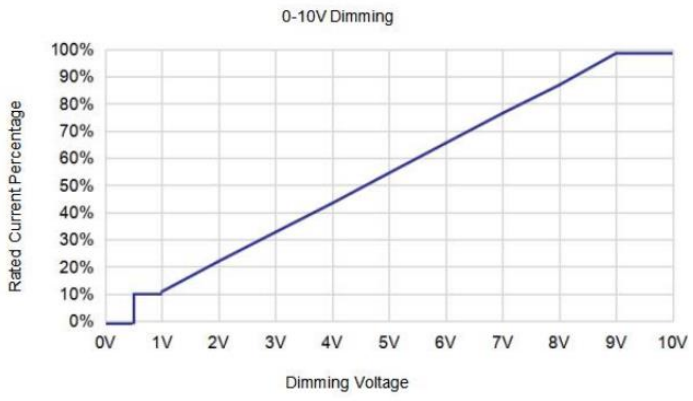


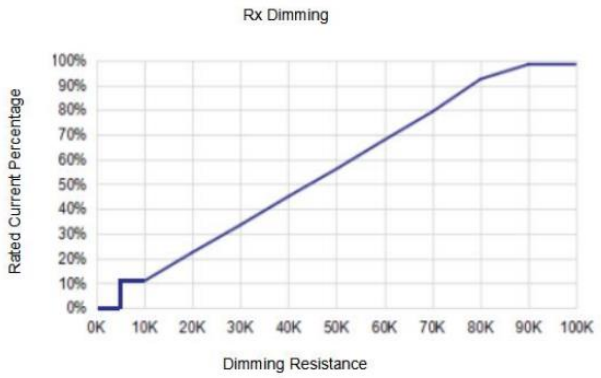


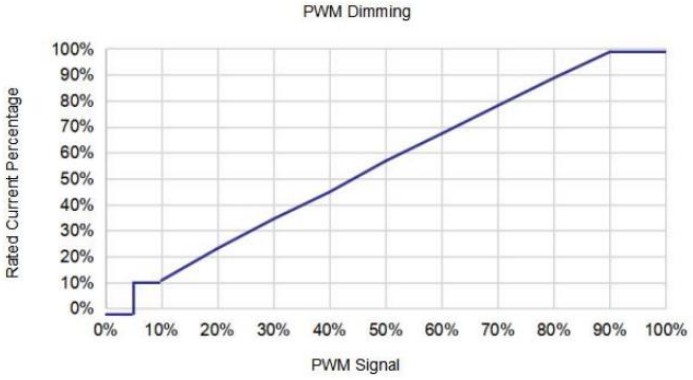
Horti Guru APP control system requires additional purchase
For more information, please contact Koray

The above data is a manual test of the physical samples of the factory, there may be measurement errors, for reference only!
For detailed data, please contact us!

Dimming Operation Instructions







-The minimum dimming depth of 0.5-10V is 10%. - The dimming depth of PWM dimming is 10%. - The requirement of PWM compatible signal: 400-3000Hz; amplitude: 10(V) - The dimming depth of Rx dimming is 10%. - DIM+/- is vacant: 100% rated current