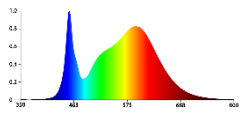
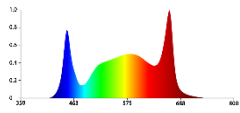
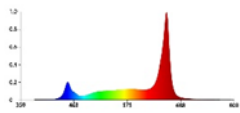


**Description:** PT8 waterproof Grow light for indoor vegetable commercial cultivation, Koray secondary optical technology allows more light to act on the plant canopy, improving light uniformity and PPF, One Tube PPF up to 300 $\mu\text{mol}/\text{m}^2/\text{s}$ (height0.2m), One light tube can cultivate strawberries, no flicker, easy to take photos and observe; Preferred plant full spectrum, It is suitable for most plants and is an ideal choice for layered hydroponics rack system, vertical agriculture and Plant factory.



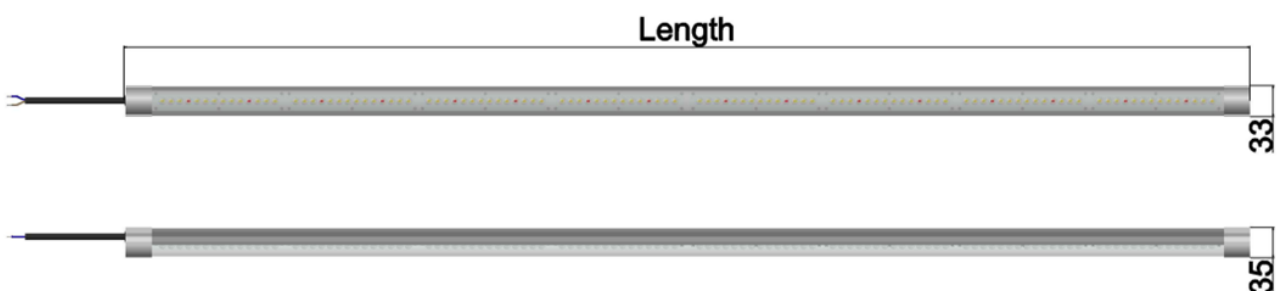
1. Commercial shelf hydroponic vegetables, rack system vertical agricultural strawberry cultivation.
2. Turning on the lights for 12 hours every day, Compared to other brands, F175 spectrum, energy-saving: 24%.and One tube saves 51kWh of electricity per year.  
V3 spectrum, energy-saving: 33%,and One tube saves 70kWh of electricity per year, 0.3m height, avg PPF 300  $\mu\text{mol}/\text{m}^2/\text{s}$ . Power 133W/m<sup>2</sup>.
3. Waterproof IP66.
4. No flicker, shooting without flicker, beneficial for observation and eye protection.
5. Max series connection of 10pcs.
6. CE RoHS FCC.

Model	Dimension	Peak Wavelength Spectrum	Photon PPF $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux PPF	Power Input AC100-240V	Comment
RX-PT8	L1200mm 33x35mm	<b>F4K</b> 	270 $\mu\text{mol}$ @0.15m	6600Lm 90 $\mu\text{mol}/\text{s}$	36W PF >0.9	No lens Tissue Culture and Seedling
			196 $\mu\text{mol}$ @0.2m			
			126 $\mu\text{mol}$ @0.3m			
RX-PT8T	L1200mm 33x35mm	<b>F175</b> 	365 $\mu\text{mol}$ @0.15m	5200Lm 86 $\mu\text{mol}/\text{s}$	32W PF >0.9	Full cycle cultivation vegetative growth and fruiting
			275 $\mu\text{mol}$ @0.2m			
			185 $\mu\text{mol}$ @0.3m			
RX-PT8T	L1200mm 33x35mm	<b>V3</b> 	416 $\mu\text{mol}$ @0.15m	3900Lm 93 $\mu\text{mol}/\text{s}$	32W PF >0.9	High efficiency 2.9 $\mu\text{mol}/\text{j}$ Rapidly growing flowering and fruiting plants
			316 $\mu\text{mol}$ @0.2m			
			210 $\mu\text{mol}$ @0.3m			

Operating temperature: -10°C ~ 30°C, Lifespan: 35,000 hours (Note: Ta ≤ 25°C)

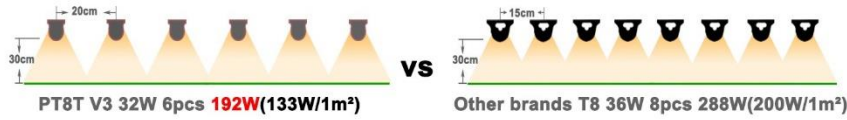
Tolerance range for optical and electrical data: ± 10%.

Dimension:



Unit: mm

Excellent PPF map, compared to other brands, Energy saving: 33%



Height 0.3m Same Avg PPF  $300\mu\text{mol}/\text{m}^2/\text{s}$  **Energy saving: 33%**

1m<sup>2</sup> Saves 293 kWh of electricity per year

**One tube saves 70kWh of electricity per year**

Turn on the lights for 12 hours every day

208	216	256	258	262	262	258	256	216	208
170	211	241	240	241	241	240	240	210	169
270	272	278	286	308	308	286	278	272	270
234	293	318	313	318	318	313	318	293	234
294	298	314	306	346	346	306	314	298	294
267	322	346	336	340	340	336	346	322	267
306	304	334	340	350	350	340	334	304	306
280	329	349	343	353	353	343	349	329	280
310	314	336	338	356	356	338	336	314	310
282	332	354	349	361	361	350	354	333	282
322	326	348	354	368	368	354	348	326	322
282	332	354	349	362	362	349	354	333	282
316	312	338	328	346	346	328	338	312	316
280	329	349	343	351	351	343	349	329	280
288	298	314	318	344	344	318	314	298	288
267	322	346	336	340	340	336	346	322	267
272	274	286	292	318	318	292	286	274	272
234	293	318	313	318	318	313	318	293	234
203	214	254	250	240	240	250	254	214	203
171	211	241	240	241	240	240	240	210	169

Height 0.3m, coverage 1.2x1.2m, 100-point PPF test

The red data are PT8 V3 Spectrum, black data are other brands

Koray secondary optical technology improves PPF, with an average increase of over 40% for a single lamp.

