

Description:

RX-PT5-100D plant factory special economic plant light tube, used for shelf structure plant factory, Irradiation height 0.2m, irradiation area 0.3x1.2m, 30% energy saving than ordinary T5 lamp, you can create your plant factory with fewer lights, New design patent product waterproof IP64, suitable for the cultivation of seedlings and vegetable vegetative growth, suitable for the cultivation of seedlings and vegetable vegetative growth, is ideal for plant factories and home planting.



1. Urban Vertical Agriculture - High cost performance plant factory grow tube, Patented one-piece condenser lens, Patent No.: ZL201820677848
2. PPF is increased by 30% (100D) compared to T5 and T8 lamps, Build your plant farm with fewer lights! 60D (need to be customized), PPF is increased by 80%
3. No flicker, long-life LED power supply, PF> 0.9, Meet the safety requirements around the world
4. 90D is recommended for Tissue culture seedlings, and 60D is used for vegetative growth of leafy vegetables
5. Waterproof IP64, Water splashing against the enclosure from shall have no harmful effect
6. Input: AC100 ~240V, Rated power 18W
7. Lifespan: 25000hours
8. Warranty: 2 Years
9. CE RoHS FCC

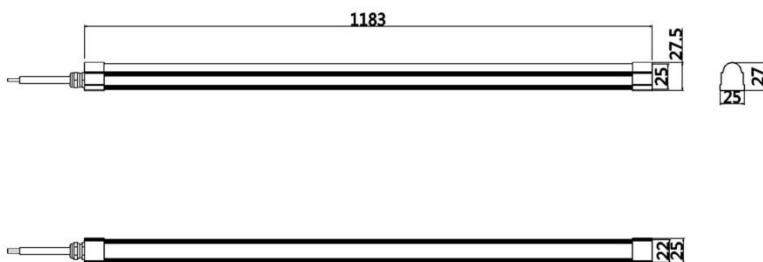
Model	Dimension	CRI & Color temperature	Photon PPF $\mu\text{mol}/\text{m}^2/\text{s}$	Luminous flux Radiation Power	Power Test Input	Comment
RX-PT5-100D-6K6R1B1	22x25x1183mm	Ra 90 9000K	84 μmol @0.2m	Flux: 2087Lm PPF: 36 $\mu\text{mol}/\text{s}$ PAR: 8039mW	18W AC230V	Tissue culture, Nursery, slow growing ornamentals, rhizome plants Aquarium
			56 μmol @0.3m			
			30 μmol @0.5m			

Surface temperature rise T_c 15 K, Operating temperature: $-30^\circ\text{C} \sim 40^\circ\text{C}$, Lifespan: 25,000 hrs (Note: $T_a \leq 55^\circ\text{C}$)

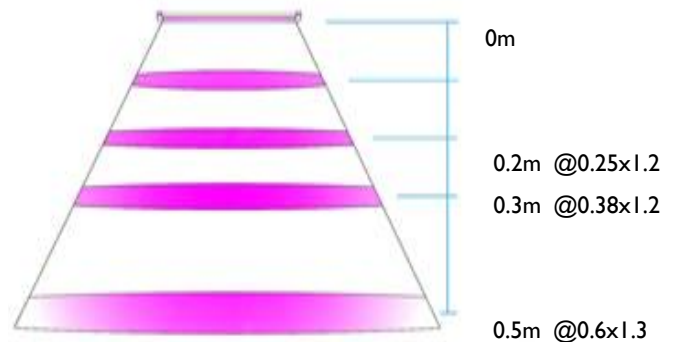
Tolerance range for optical and electrical data: $\pm 10\%$.

Beam angle: 70° Recommended irradiation distance: 0.1~0.3m (Plant vegetative growth) 0.2~0.5m (Group cultivation)

Dimension:



100D Depth distance & Coverage:



The range of illumination, the edge value is 50% of the center value
The corresponding spacing is arranged and the illumination is uniform.