

Description:

RX-ARZ2H Double-row LED plant lights, Suitable for all kinds of vertical agricultural lettuce, basil, various coriander and ornamental plants planting, Indoor cultivation farm, Plant factory hydroponic vegetable Farming cultivation, Shipping Container planting vegetable grow light



Anodized AL & Condenser Lens

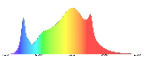


EU 20 Bolt Slot



AC Input Max Connector 10pcs

1. Each fixture covers 1.3ft*4ft(0.4m*1.2m), Economical nursery lights, easy to install and cost-saving
2. PPFD 210~280 $\mu\text{mol}/\text{m}^2/\text{s}$, Hanging height 6"-12" , Apply to hydroponic vegetable, Plant factory, Shipping Container planting
3. Condenser lens, better penetration, reduced PPFD attenuation, applicable spacing of 0.2-0.5m (distance between lamp and crop canopy)
4. Compared to T5 and T8 is easier to install!
5. Samsung LED, High efficiency up to 2.4 $\mu\text{mol}/\text{J}$
6. Lifespan 35000 hours, Warranty: 2 years
7. The maximum connections 10pcs (120VAC), 20pcs (230VAC)
8. Input voltage: AC 100 ~ 240V, power 60W
9. CE RoHS FCC

Model	Fixture Dimension LxWxH	Spectral Wavelength	Photon PPFD Avg $\mu\text{mol}/\text{m}^2/\text{s}$	PPF	Power Test Input AC230V	Comment
RX-ARZ2H	1215x268x25mm 47.8" *10.6" *1"	F45 	250 μmol @0.2m 210 μmol @0.3m	144 $\mu\text{mol}/\text{s}$	60W	Condenser lens, improve PPFD growing leafy vegetables

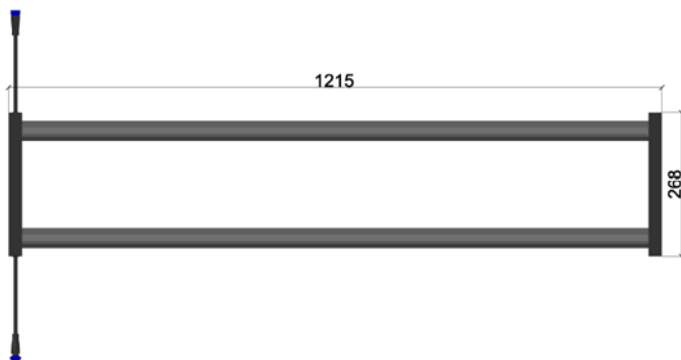
Working temperature: - 30°C ~ 40°C , Lifespan: 35000 hours (Note: Ta 25 °C)

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

Recommended Mounting Height 6-12 inches above canopy

The above data is for reference only!

Dimension:



Unit: mm

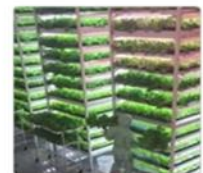
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Home cultivation



Shipping Container



Plant Factory

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Anodized AL & Condenser Lens



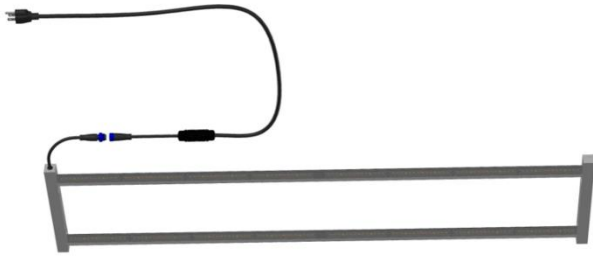
EU 20 Bolt Slot



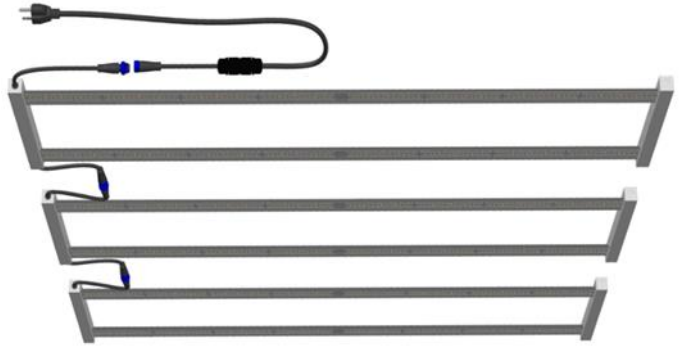
AC Input Max Connector 10pcs

Anodized aluminum profile, good heat dissipation, low temperature rise, extended installation slot, compatible with eu20 bolts, easy installation and expansion, built-in power supply, AC input, plug and play, ultra-thin profile thickness 12mm, maximum thickness 25mm

Using a single lamp, crops can also grow well, using multiple lamps, the average PPFD is increased by 10-30%, 0.2-0.4m spacing, PPFD is basically the same, suitable for various shelf heights

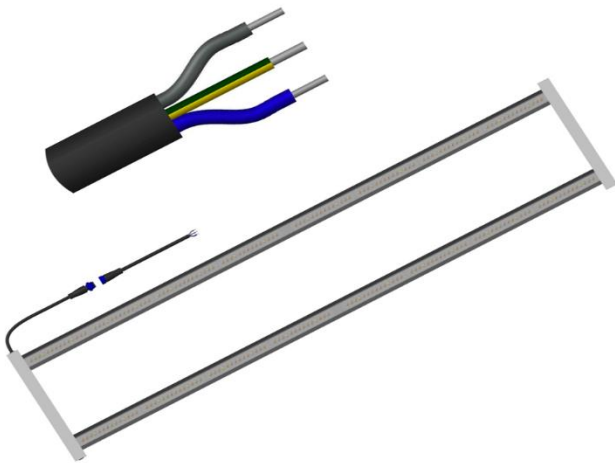


Single light, average PPFD $250\mu\text{mol}/\text{m}^2/\text{s}/0.2\text{m}$
Rapid growth of leafy vegetables

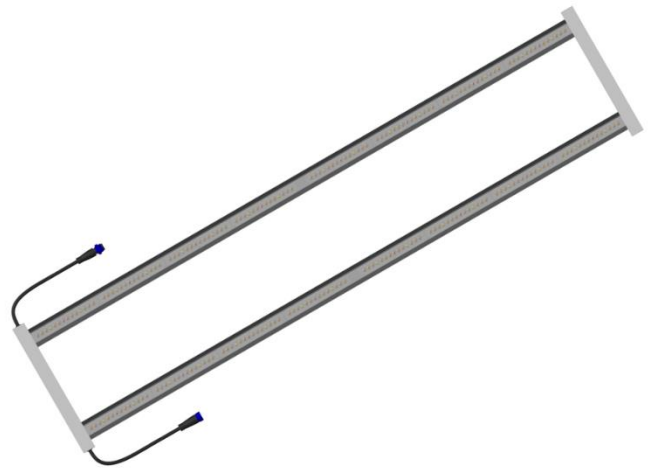


Use multiple lights, 0.2-0.4m away from the plant canopy,
Average PPFD is about $300\mu\text{mol}/\text{m}^2/\text{s}/$

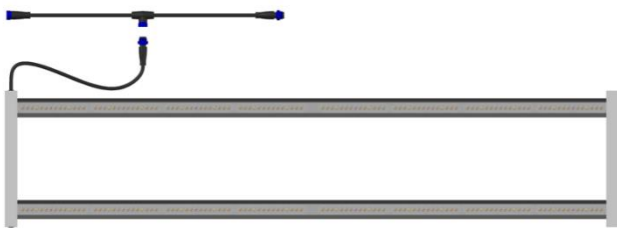
Four types to choose from



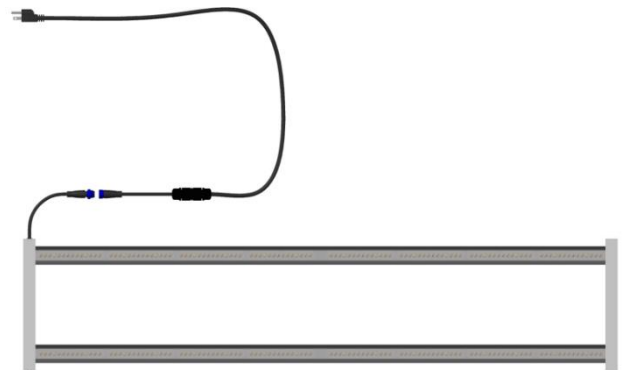
TYPE A 3-core waterproof plug cable, single input



TYPE-B 3-core waterproof plug cable, input and output

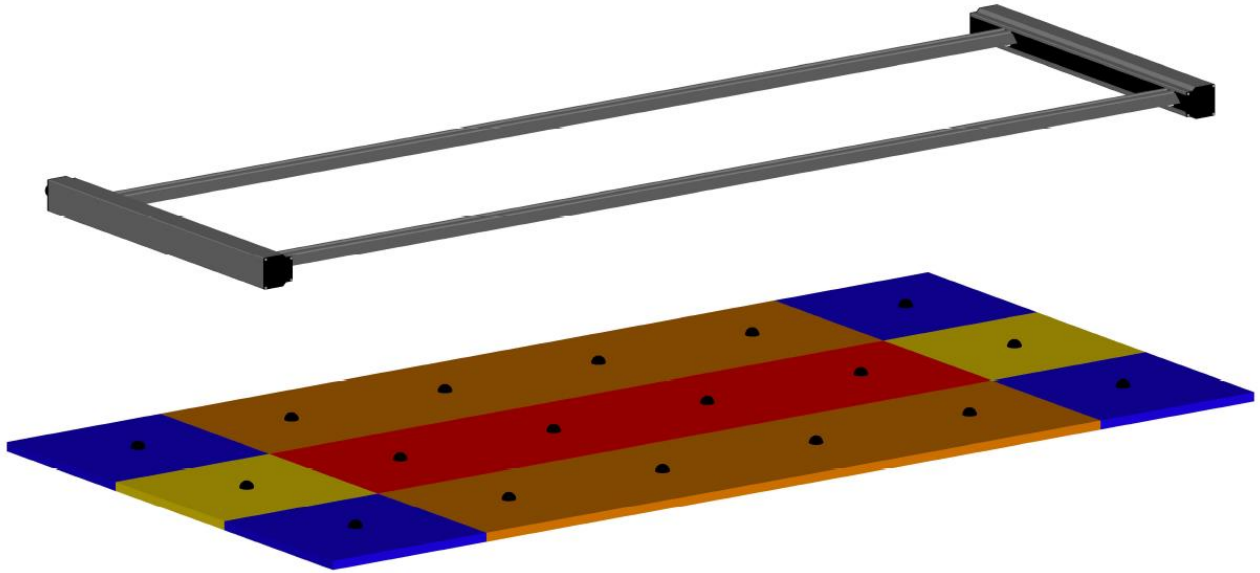


TYPE-T 3-core T-type cable



TYPE-P Waterproof Connector and AC Plug Cable

Covered area 1.3ft*4ft(0.4m*1.2m), PPFD multi-point test



220 ⊕ 162	270 ⊕ 226	266 ⊕ 221	270 ⊕ 218	265 ⊕ 216	217 ⊕ 168
226 ⊕ 191	286 ⊕ 269	268 ⊕ 261	270 ⊕ 256	273 ⊕ 260	228 ⊕ 197
220 ⊕ 160	261 ⊕ 214	259 ⊕ 209	253 ⊕ 203	267 ⊕ 210	224 ⊕ 164

The hanging height of red characters is 0.15m, and the average value of PPFD multipoint test is 281 $\mu\text{ mol} / \text{m}^2 / \text{s}$

The hanging height of blue characters is 0.2m, and the average value of PPFD multipoint test is 252 $\mu\text{ mol} / \text{m}^2 / \text{s}$

The hanging height of red characters is 0.25m, and the average value of PPFD multipoint test is 233 $\mu\text{ mol} / \text{m}^2 / \text{s}$

The hanging height of blue characters is 0.3m, and the average value of PPFD multipoint test is 211 $\mu\text{ mol} / \text{m}^2 / \text{s}$

The above data is for a single grow lights, Manual test, there will be standard deviation, just for reference!

Electronic installation instructions

1. When open the package, please check whether the inside is including product, accessory, label, certificate quality. And please assure that the light is perfect without any damage.
2. The wires of LED Light is three-core, the standard size of the wire is 3*1mm² or 3*1.5mm² and the outer diameter is $\Phi 7 \sim 12$ mm, brown wire is live line, blue wire is null line, yellow & green is ground line.
3. LED Light will work when the voltage up to rated voltage, so please be sure the voltage within the requested range, or it will damage the light which can't be repaired.
4. when the electrical continuity is connected, the lead wire should be in electric insulating The way of connect wire:



Attention

1. In order to make sure the light can work safety and stability, the ground line should be connected the earth.
2. When connecting the wires please turn off the power, and check whether the wires are connected correctly. Never connect the wires in opposite way, or the power should not be turned on.
3. Please keeping the trip bolt being fastening and reliable, in case of the light fall down of looseness.
4. When finishing connect the wires, please use the insulation gummed tape to convolve the wires, confirm the insulation and solve the waterproof problem.