

ECOTUBE Economical Grow LED Light Tube

for indoor farming systems : 28W

Features:

- Ultra light weight to save your shipping cost
- Equip with water resistant connector for High reliability
- Multiple spectrum average PPF_D~100 μmol/(m²s) for different crop cultivation and suit for all growing stages
- Transparent and oval diffuser create uniformity and better light distribution
- Select high efficiency LEDs chips for high enger saving



Specifications:

Type	ECOTUBE Series			
Part No.	ECOT8-WW-28	ECOT8-RBW-25	ECOT8-PCRW-28	ECOT8-RB-28
Photo				
AC Input Voltage	AC 100~240V	AC 100~240V	AC 100~240V	AC 100~240V
Rated Power	28W ± 7%	25W ± 7%	28W ± 7%	28W ± 7%
Spectrum	Neutral White	Red/Blue/White	PCRed/ White	Red/Blue
	4000K	660nm/450nm/5000K	660nm/5000K	660nm/450nm
PPFD μmol/(m ² s)	136.6 μmol/(m ² s)	129.9 μmol/(m ² s)	96.85 μmol/(m ² s)	103.9 μmol/(m ² s)
LED Q'ty	192pcs	192pcs	192pcs	192pcs
PPF μmol/s	68 μmol/s	59.75 μmol/s	58.5 μmol/s	64.35 μmol/s
Efficiency (umol/j)	2.4 μmol/j	2.4 μmol/j	2.1 μmol/j	2.3 μmol/j
LED lifespan	>30,000 hrs	>30,000 hrs	>30,000 hrs	>30,000 hrs
Beam Width	120°	120°	120°	120°
Approval	CE Declaration , RoHS Compliance			
Waterproof Grade	IP 65			
Distance from Plants	20cm			
Dimension	W38 x H45 x L 1190mm			
Product finish	all-in-one integrated			
All parameters tested under 25°C ambient temperature				

Applications:



Indoor Farming



Container Farm



Multilayer Shelf



Spectrum Available:

- WW = Neutral White
- RBW = Deep Red , Blue , White
- PCRW = PCRed , White
- RB = Deep Red , Blue

PPFD result @ 20cm Height

Use spectrometer test 5 points of PPFD (umol/m²s)

ECOTUBE LAMP -100cm length



5 Points of PPFD test by Spectrometer PG200N

Spectrum	Power	1	2	3	4	5
WW	28W	113.9	126.6	136.6	122.9	99.27
RBW	25W	89.1	128.2	129.9	124.7	103.2
PCRW	28W	71.63	77.94	96.85	81.97	73.08
RB	28W	74.4	95.1	103.9	97.4	73.99