

Inter light

36W



Intended Applications

- Indoor Farming;
- Vegetable Cultivation;

Features & Benefits

- Constant current drive, long lifetime.
- IP65 waterproof rating for the whole fixtures, suitable for high humidity environment application.
- Flicker free, good for eyes.
- Application environment: mainly used in indoor cultivation.

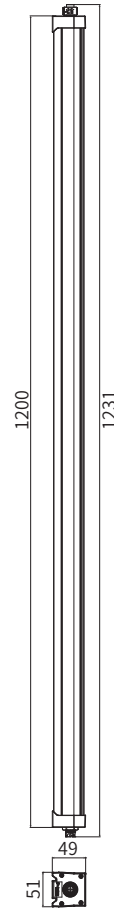
Inter light

36W PPE 2.5 μ mol/J

Features & Benefits

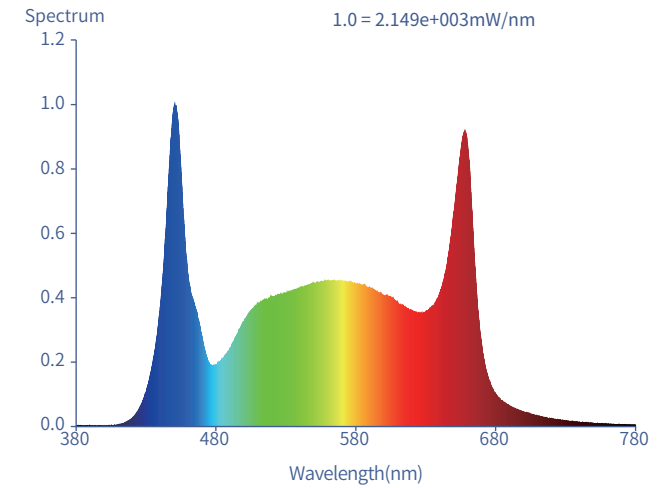
Input Power	36W
Photosynthetic photon flux	90 μ mol/s
PAR Efficacy	2.5 μ mol/J
Light Emission Angle	110°
Color Rendering Index	>90
Input Voltage	100-277Vac 50/60Hz
Amp Draw	0.32A@120V, 0.18A@220V, 0.16A@240V, 0.14A@277V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Driver Surge protection	1KV
LED Type	5600K 660nm
Housing	Aluminum Alloy+Plastic
Housing Color	White+Blue
Heat Output	94 BTU
IP Rating	IP65 waterproof rating for the whole fixtures
Operating Temperature	-10~40°C
Operating Humidity	10%-90% RH
Storage Temperature	-25~60°C
Storage Humidity	10%-90% RH
Warranty Time	5years
N.W(KG)	1.1Kg(2.43LBS)
G.W(KG)	1.4Kg(3.07LBS)
Packing Dimension(mm)	1430*75*75mm

Dimension Drawing



Length(L)	1200mm (47.24")
Width(W)	51mm (2.01")
Height(H)	49mm (1.93")

Spectral Distribution



PPFD Reading -- 4FT to 4FT area

69	79	84	85	83	84	79	67
72	83	90	93	93	89	81	73
71	82	87	91	92	89	86	71
66	74	80	82	81	78	75	69

0.60m 24"

69	75	86	86	87	88	80	71
85	102	111	110	110	106	98	86
90	103	111	116	112	109	102	92
71	81	90	92	91	87	84	75

0.45m 18"

72	83	94	98	99	98	92	76
118	151	159	165	159	158	149	121
114	145	157	159	155	152	143	120
71	88	91	93	92	96	88	71

0.30m 12"

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	FCC
GL1-A12-36-A66-A8	100-277Vac	36W	90 μ mol/s	2.5 μ mol/J	Yes

Installation & Usage Guide

WARNING AND CAUTION

- > Please read the following instructions carefully before using this grow lighting fixture.
- > Make sure main power is switched off before connecting the light fixture.
- > Do not connect or disconnect the LED fixture under load.
- > Always allow for a cool down period of at least 30 minutes before touching the LED fixture.
- > Please DO NOT use this product outdoors.
- > Connect the cables according to local rules, safety regulations and electrical code.
- > Mounting and installing of the LED fixture may only be executed by certified service person, in accordance with the applicable local laws and regulations.

PLANNING THE INSTALLATION

Read all instructions before installation. Before starting installation of this fixture or removal of a previous fixture, disconnect the power by turning of circuit breaker or by removing the fuse at the fuse box.

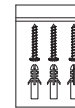
01



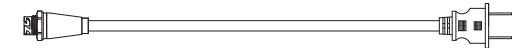
Light module-1PCS (A)



Fixing clip-1PCS (B)



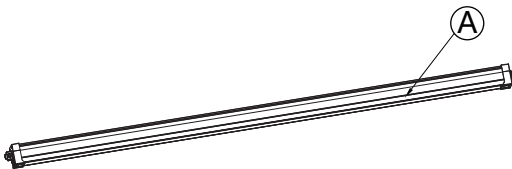
Accessories bag-1PCS (C)



AC cord-1pcs (D)

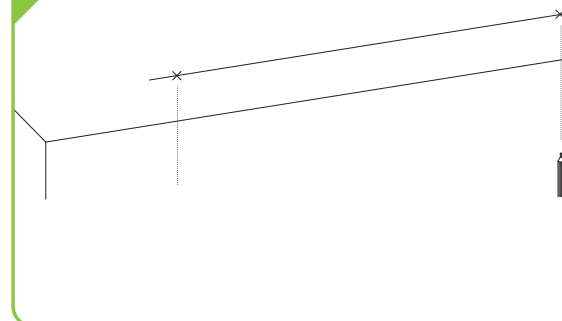
- Main part & Accessory

02



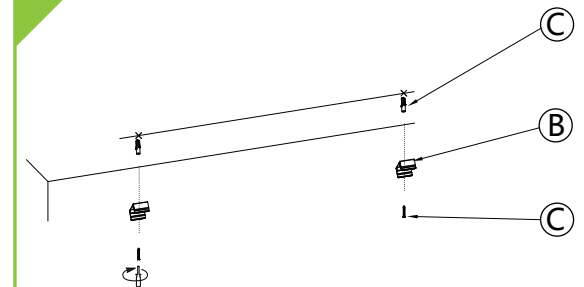
- Take the light module out of the box (A).

03



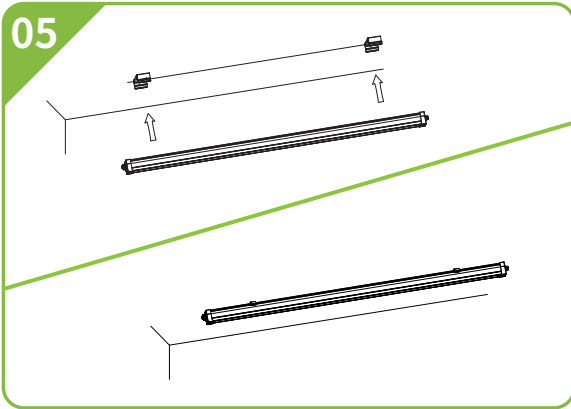
- Make marks and then punch holes accordingly on the wall.

04



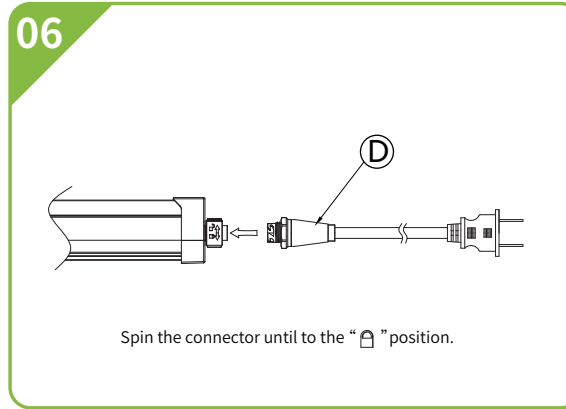
- Install the expansion tube, screw (C) and fixing clip (B) into the holes on the wall successively.

05



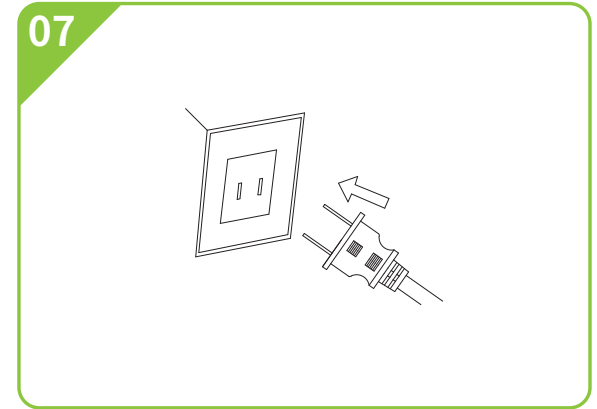
- Snap the light module into the fixing clip.

06



- Connect the AC cord 

07



- Plug in the power.