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LED grow light

Flexible configuration for more application, in low rooms, on vertical racks, over benchs, and even in tents. Toolless installation effectively, simplify the mounting process, saving labor cost.

XLink B

Greenhouses and Indoor Farms

* FCC compliant constant current LED driver with stable performance;
* Extruded tube, bright and neat, no shadow;
* Provide full-spectrum light as natural sunshine for hoticulture lighting, suitable for extension of photo-period to expand crop yield;
* Designed for residential growers, optimize the grow space and quality of vegetables;
* **Linkable with joint plug, maxium for 16pcs connection;**
* Suespending and surface mounting optional;
* Connect by both way of side-to-side and botom-to botom easily.

PATENT DESIGN / PRODUCT

High efficiency
up to 1.96/2.4 μmol/J

Damp location

Impact-resistant design
ABS+PC

Low weight and novel
installation method simplifies
the mounting process

**Unique design
and small footprint**
minimize shadowing, allowing
more natural light through

Operating environment:
 -10°~40°

cETLus LISTED
Intertek

FC

XLink B

20W PPE1.96μmol/J

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Features & Benefits

Input Power	20W
Photosynthetic photon flux	39.2μmol/s
Luminous Efficacy	1.96μmol/J
Viewing Angle	110°
CRI	≥80
Input Voltage	120V
PF	＞0.7
Driver Surge protection	1KV
IP Rating	damp location
LED Type	5000K+660nm
Housing	ABS+PC
Housing Color	white
Operating Temperature	-10~40℃
Operating Humidity	10%-90% RH
Storage Temperature	-25~60℃
Storage Humidity	10%-90% RH
Warranty Time	3years
N.W (KG)	0.33Kg
G.W (KG)	0.51Kg
Packing Dimension(mm)	680*60*135mm

Dimension

43.50mm [1.71in]

598.95mm [23.58in]

119.92mm [4.72in]
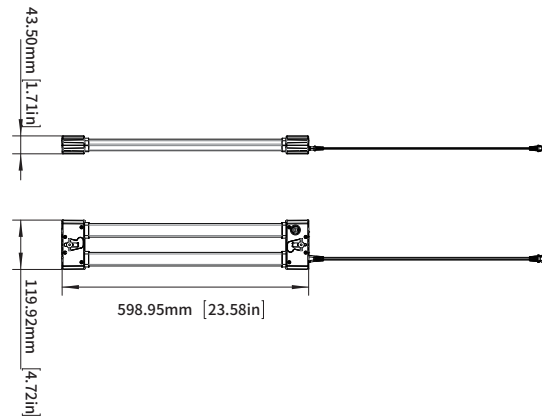
Dimensional Drawing

Length (L)	600mm(23.6")
Width (W)	120mm(4.72")
Height (H)	44mm(1.73")

Spectral Distribution

Spectrum
1.2

1.0

0.8

0.6

0.4

0.2

0.0

380   480   580   680   780
Wavelength(nm)
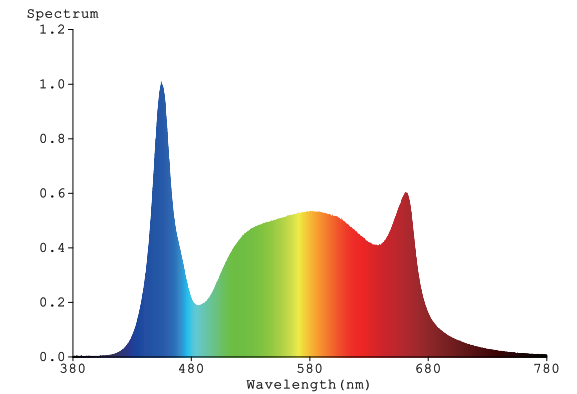
PPFD Reading- 2FT to 2FT area

31	41	39	32
121	205	202	129
127	206	202	138
32	43	43	34

0.15m 6"

55	64	64	56
79	104	101	82
81	102	101	83
57	63	62	56

0.30m 12"

62	64	61	60
63	70	72	62
62	71	72	63
63	63	64	62

0.45m 18"

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	FCC
GPGL-A3-L60-20-A66-A1	120V	20W	39.2μmol/s	1.96μmol/J	Yes	Yes

# Installation & Usage Guide

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WARNING:

These products may represent a possible shock or fire hazard if improperly installed. Products should be installed in accordance to the manual, current electrical codes and/or the current National Electric Code (NEC).
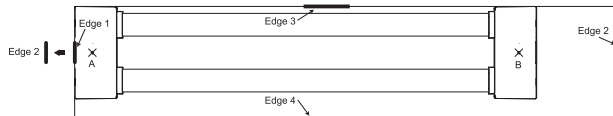
TOOLS TYPICALLY USED FOR INSTALLATIONS

Ø0.1"
Screwdriver with φ0.1" Twist Drill   Pencil   Scissor   Tape
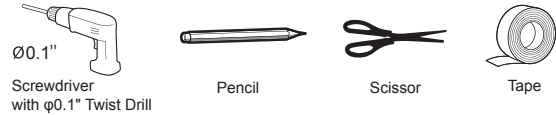
Installation:

1. Remove the clear plastic bag from the lights before installation.
2. Choose your desired installation position. Tape the template and make two small holes at the screw marked "A" & "B".

Edge 1   Edge 3   Edge 2
X A
X B
Edge 4
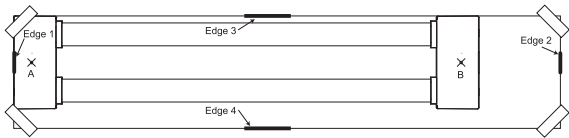
3. Before installing another light, check the following below:
      3.1. If end to end connection, draw a line along edge 2
      3.2. If side to side connection, draw a line along edge 4
4. Move the template to the side and align edge to the marked line.

End to End Connection:

Edge 1   Edge 3   Edge 2
Edge 2   X A   X B
Edge 4

Side to Side Connection

Edge 4
Edge 1   Edge 3   Edge 2
X A   X B
Edge 4
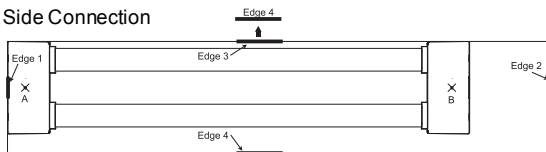
5. Make another two small holes at the screw marked "A" & "B".
6. Repeat step 3, 4, 5 if installing a third grow light.
7. Remove the template and then screw the ceiling anchor (disassemble from hanging cable first) into the marked holes. (See Figure A)

21.81"

Figure A
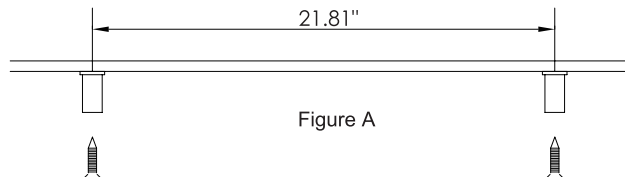
8. Thread the cable into the cable stop. Then tread the cable into the ceiling anchor and out from the side. Screw the cable stop into the ceiling anchor. To adjust the length of the cable, pull the cable from the end near the ceiling anchor. If needed, push the cable stop and pull the cable downwards to make it longer.
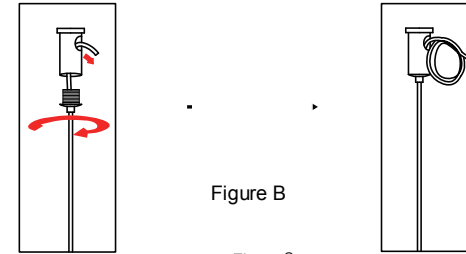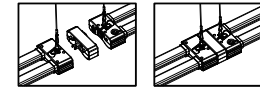
Figure B

Figure C

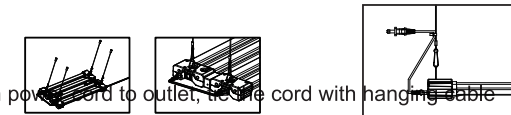9. Hook the cable clip to the end-cap on both sides. (See Figure C)
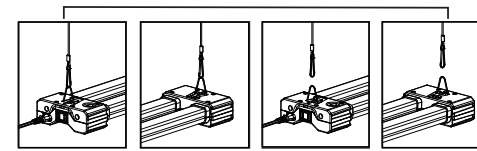
10. Connection Optional
      10.1. End to End Linking: Insert connecting cord into connection box and then connect two lights with the connection box. (See Figure D)

Figure D

      10.2. Side to Side Linking: Slide the small connection box in between two light fixtures. (See Figure E)

Figure E

11. Plug in power cord to outlet, tie the cord with hanging cable

LIMITED WARRANTY

This product is warranted to be free from defects in workmanship and materials for up to 5 years from date of purchase. Do not return the product to the store. If item fails to do so or if you have any questions or concerns, please contact Boost Lighting at customercare@boostlightinginc.com for assistance.
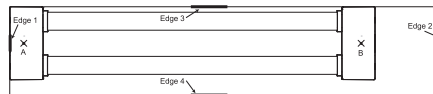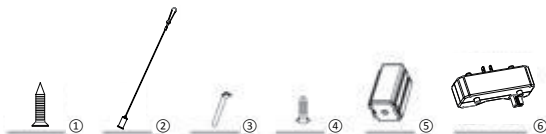
Installation method 1: Hoisting
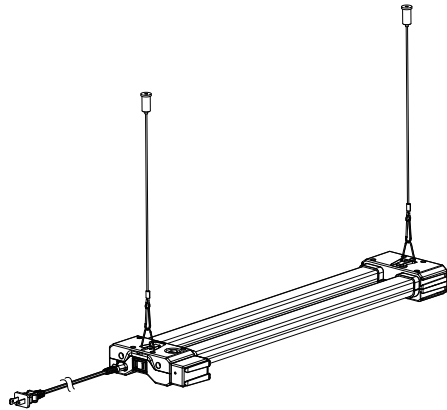
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01

PACKAGE CONTENTS

Grow light x 1

Edge 1 · Edge 3 · Edge 2 · A · B · Edge 4

Template x 1

5ft plug-in power cord x 1

9'' connection cord x 1

① ② ③ ④ ⑤ ⑥

Parts	Description	Quantity
①	Screw	2
②	Hanging Cable w/ ceiling anchor	2
③	Zip Tie	1
④	Drywall Anchor	2
⑤	Side to Side Connector	2
⑥	End to End Connector	1

02
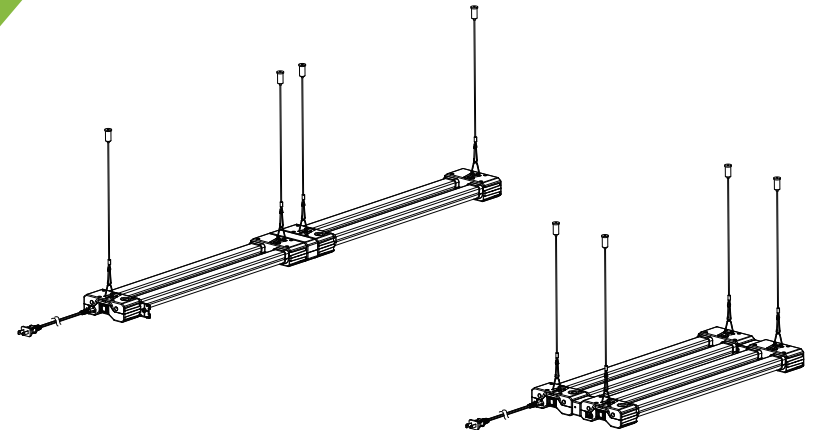
PACKAGE CONTENTS

Grow light x 2
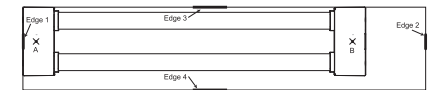
Edge 1 · Edge 3 · Edge 2 · A · B · Edge 4

Template x 1

5ft plug-in power cord x 1

9'' connection cord x 1

① ② ③ ④ ⑤ ⑥

Parts	Description	Quantity
①	Screw	4
②	Hanging Cable w/ ceiling anchor	4
③	Zip Tie	2
④	Drywall Anchor	4
⑤	Side to Side Connector	2
⑥	End to End Connector	1

03
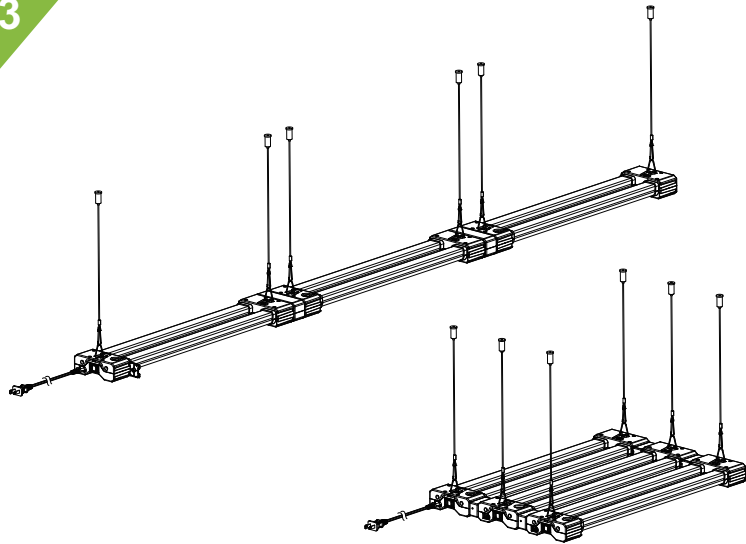
PACKAGE CONTENTS

Grow light x 3
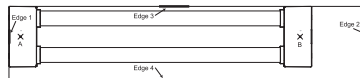
Template x 1

5ft plug-in power cord x 1

9'' connection cord x 2
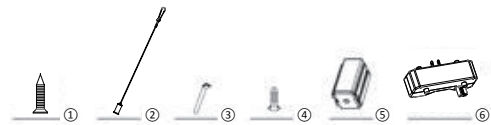
Parts	Description	Quantity
①	Screw	6
②	Hanging Cable w/ ceiling anchor	6
③	Zip Tie	3
④	Drywall Anchor	6
⑤	Side to Side Connector	4
⑥	End to End Connector	2

04
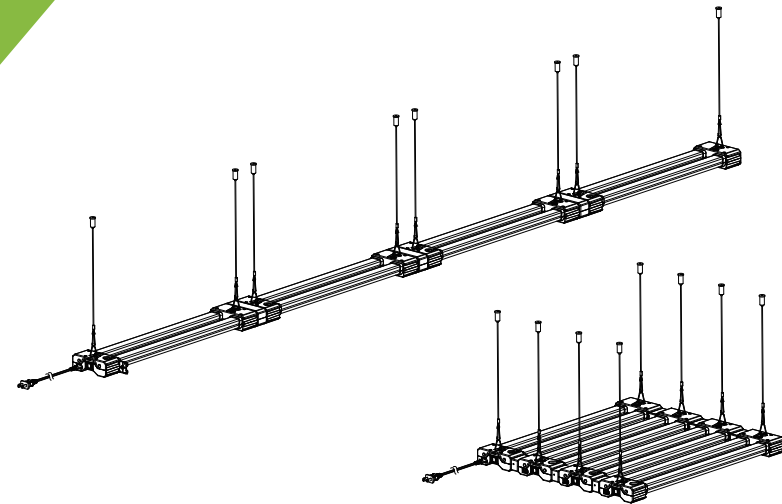
PACKAGE CONTENTS
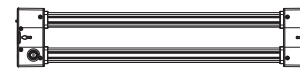
Grow light x 4
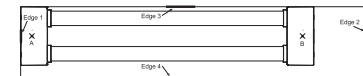
Template x 1

5ft plug-in power cord x 1

9'' connection cord x 3
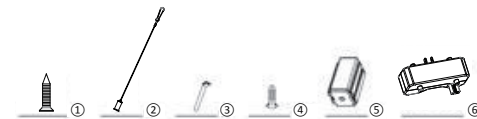
Parts	Description	Quantity
①	Screw	8
②	Hanging Cable w/ ceiling anchor	8
③	Zip Tie	4
④	Drywall Anchor	8
⑤	Side to Side Connector	6
⑥	End to End Connector	3