superbrightleds.com

Important: Read all instructions prior to installation.

Linkable Linear LED Light Fixture

Safety and Notes

- Product should be installed by a certified electrician in accordance with applicable national, state, and local electrical codes.

- To reduce the risk of electric shock, ensure that the main power source is switched off before performing any installation or wiring procedures.

- Product is for use in dry, indoor locations only.

- When installing multiple lights in a run, make sure to check for voltage drop. Minimum voltage must be maintained to avoid damaging lights.

Parts Included

1 - Integrated T5 Tube
2 - Mounting Brackets
2 - Mounting Bracket Screws
1 - Tube to Tube Butt Connector
1 - Powercord 6"
1 - Tube Endcap

Accessories (not included)

30cm Interconnect (IT-I30)
100cm Interconnect (IT-I100)
100cm Powercord (IT-P100)

Max Run[1]

Voltage	IT5-xW24	IT5-xW36
12	5	3
24	10	6
36	15	9

[1]Do not exceed 5 A total load if combining multiple lengths of lights in one run.

Specifications

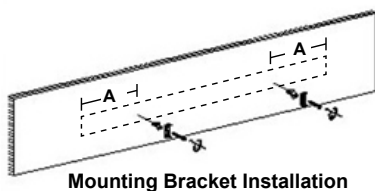| IT5-NW24	
Intensity	800 lumen
Operating Voltage Range	12–36 VDC
Beam Angle	140 degree
LED Type / Quantity	2835 SMD / 48 pcs
Color Temperature	4000K
CRI	73 CRI
Operating Temperature	-4 – 131°F (-20 – 55 °C)
Total Power Consumption	10 Watts
IP Rating	IP40
Fixture Weight	4.2 oz (119 g)
Warranty	2 year

IT5-NW36	
Intensity	1300 lumen
Operating Voltage Range	12–36 VDC
Beam Angle	140 degree
LED Type / Quantity	2835 SMD / 72 pcs
Color Temperature	4000K
CRI	73 CRI
Operating Temperature	-4 – 131°F (-20 – 55 °C)
Total Power Consumption	16 Watts
IP Rating	IP40
Fixture Weight	5.6 oz (158 g)
Warranty	2 year

IT5-WW36	
Intensity	1300 lumen
Operating Voltage Range	12–36 VDC
Beam Angle	140 degree
LED Type / Quantity	2835 SMD / 72 pcs
Color Temperature	3000K
CRI	73 CRI
Operating Temperature	-4 – 131°F (-20 – 55 °C)
Total Power Consumption	16 Watts
IP Rating	IP40
Fixture Weight	5.6 oz (158 g)
Warranty	2 year

Installation Instructions

1. Drill pilot holes for mounting screws and install mounting clips approximately 8" from ends of fixture. This will allow the fixtures to slide into position while still maintaining adequate support. Repeat for all fixtures in the run.

2. Snap fixtures in place. Make connections between fixtures using supplied butt connector or optional interconnects.

3. Use tube end cap to cover unused power connector on the last fixture in the run.

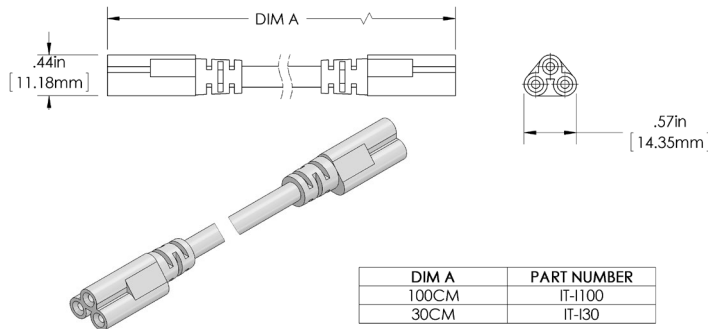4. Connect powercord to 12–24VDC power source and plug into the first light in the run.
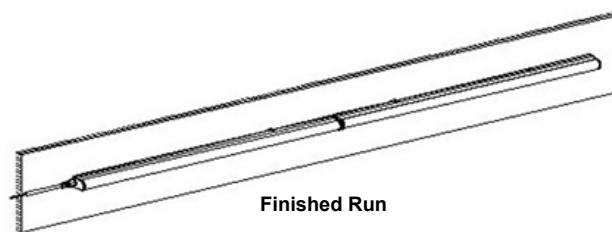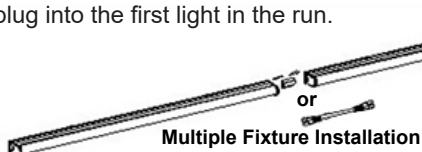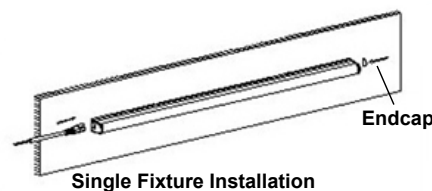
A

Mounting Bracket Installation

Endcap

Single Fixture Installation

or

Multiple Fixture Installation

Finished Run

Important: Read all instructions prior to installation.

Linkable Linear LED Light Fixture

Accessories
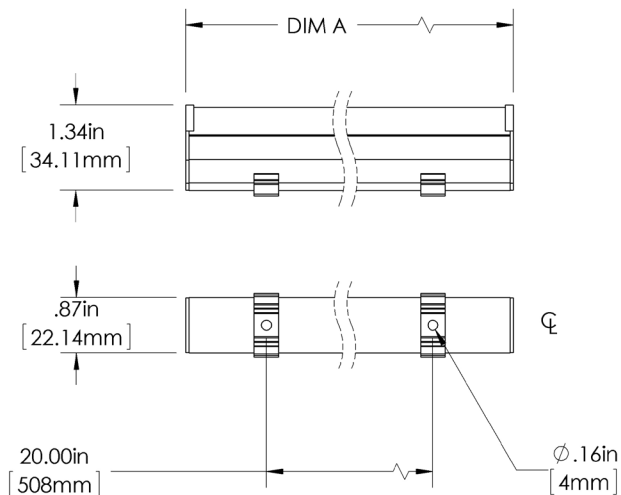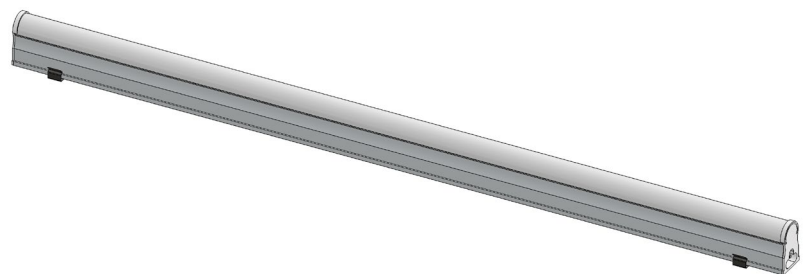
IT-I30, IT-I100

.44in [11.18mm]

DIM A

.57in [14.35mm]

DIM A	PART NUMBER
100CM	IT-I100
30CM	IT-I30

IT-P100

39.37in [1000mm]

.44in [11.18mm]

.57in [14.35mm]

Dimensions

DIM A

1.34in [34.11mm]

.87in [22.14mm]

20.00in [508mm]

Ø .16in [4mm]

NOTE: MOUNTING BRACKETS CAN BE ATTACHED ANYWHERE ON THE ALUMINUM PROFILE

Ø .77in [19.61mm]
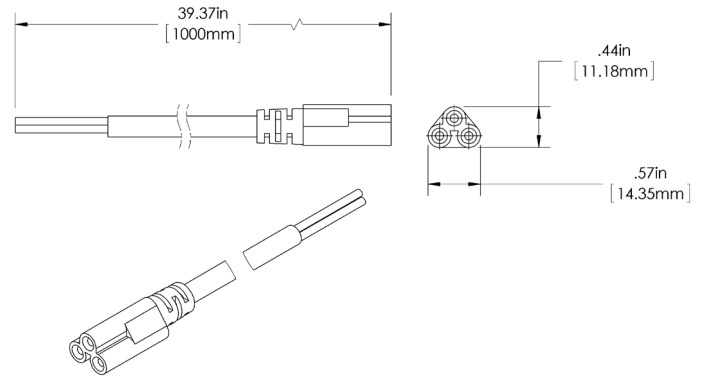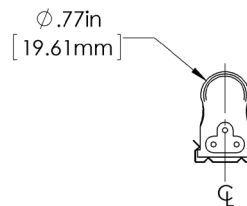
DIM A	PART NUMBER
22.5375" (572.45mm)	IT5-NW24
34.25" (869.95mm)	IT5- xW36

Wiring Diagram

Green - N/C   White - Non-polarized

Green - N/C

Black - Non-polarized

Black - Non-polarized

White - Non-polarized