Specification

Item	- **35599B**
Model	- **LED T-BAY 2FT WATT/CCT Selectable**
Bulb Type	- **LED**
Input Voltage	- **120-277VAC 50/60Hz**
Watts	- **155/170/210W**
Width	- **18.9"(480mm)**
Length	- **24.8"(630mm)**
Height	- **2.2"(54.8mm)**
Color Temp	- **4000K/5000K**
CRI	- **≥ 80**
Lumen	- **20925/22950/28350lm**
Lumen efficacy	- **135lm/w**
Power factor	- **≥ 0.9**
Finish	- **White**
Dimmable	- **Yes, 0-10V**
Damp location	- **Yes**
Life	- **50,000 Hours**
Ambient operating temp	- **-4°F to 122°F**
Surge Protection	- **2KV**
Average Beam Angle	- **110°**
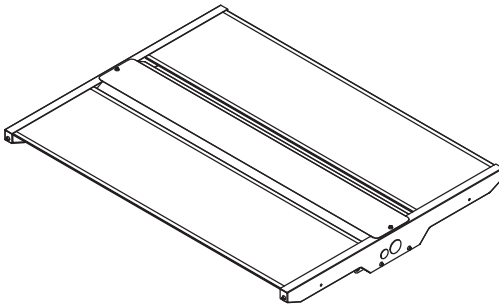
Installation Instruction

⚠ WARNING

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.

- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.

- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

⚠ WARNING

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

⚠ CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
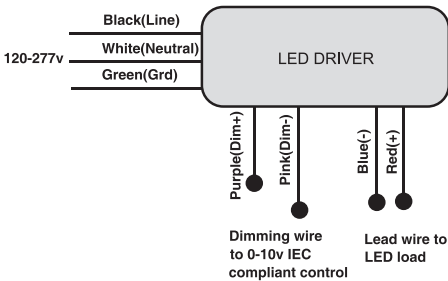- Risk of burn. Disconnect power and allow fixture to cool before changing bulb or handing fixture.

NOTICE: Green ground screw provided in proper location.Do not relocate.
NOTICE: Minimum 90°C supply conductors.
NOTICE: Specifications and dimensions subject to change without notice.
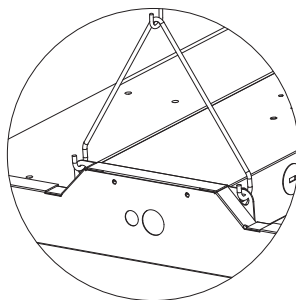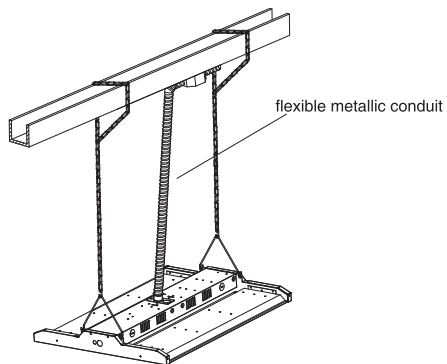**NOTICE:** Suitable for Dry or Damp location.

General Wiring Diagram

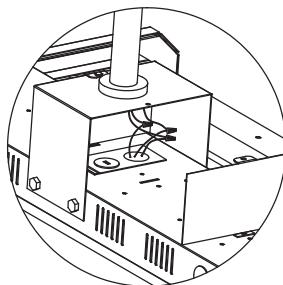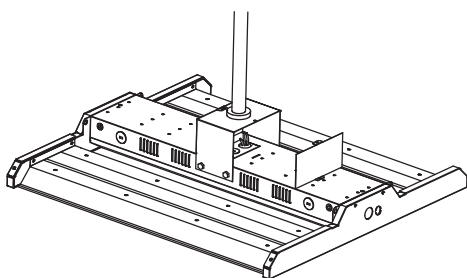Black(Line)
White(Neutral)
120-277v
Green(Grd)

LED DRIVER

Purple(Dim+)
Pink(Dim-)
Blue(-)
Red(+)

Dimming wire to 0-10v IEC compliant control

Lead wire to LED load

Installation Instruction

A: Chain Kit

flexible metallic conduit

B: Pendant Hanger

Installation Instruction
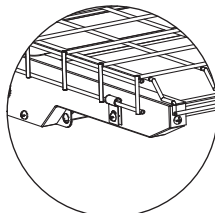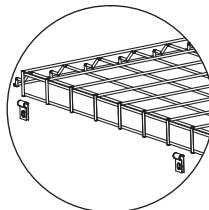
C:Wire Guards

Figure1   Figure2

Installation Step:

Always turn off the power supply from main circuit breaker first!

- Remove the new LED fixture from packaging and inspect for any damages. Handle new LED fixture with care.
- CHAIN MOUNT EXAMPLE; Install the chain into the provided wire hanger. Secure the other end of the chain to a structure using hardware rated for the load. Install the wire hanger onto the side of the top 35599B LED channel. Make sure the wiring hangers are fully engaged into the side holes on the top channel.
- Connect the LED high bay wiring to line wire, black to black, white to white and green to green. Use only UL listed wiring. **NOTE: Purple and pink lead inside the driver compartment are 0-10V (low voltage) dimming leads.** Connect to dimming low voltage wiring only.
- Clean all residues/fingerprints from the new LED high bay and lens. Double check all hanging hardware before moving onto the next installation.

Installation Instruction
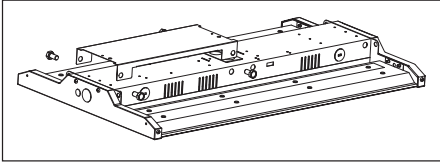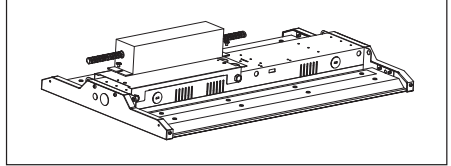
Additional Accessories

- Emergency Battery Back-up
  - EMJ-0825-010/105-J2
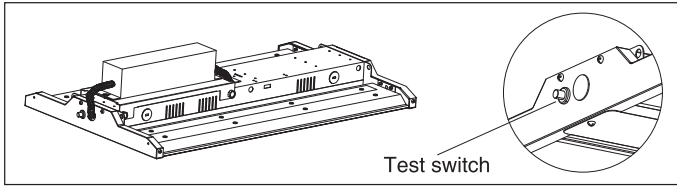
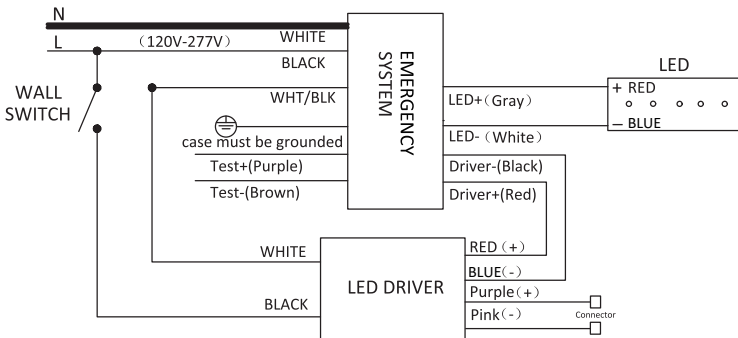1.Install the mounting plate to the fixture by mounting the 4 screws shown.

2.Mount the battery pack.

3.Making the electrical connections.

Test switch

General Wiring Diagram(Fixed CCT)

N
L （120V-277V） WHITE
BLACK

WALL
SWITCH

WHT/BLK

case must be grounded

Test+(Purple)
Test-(Brown)

EMERGENCY
SYSTEM

LED+（Gray）

LED-（White）

Driver-(Black)

Driver+(Red)

LED
+ RED
— BLUE

WHITE

BLACK

LED DRIVER

RED（+）
BLUE(-)
Purple(+)
Pink(-)

Connector

DAMAR® Lighting the World
805 N Carnation Drive
Aurora, MO 65605

Installation Instruction

Field-Adjustable Wattage & CCT

CCT Switch

Wattage Switch
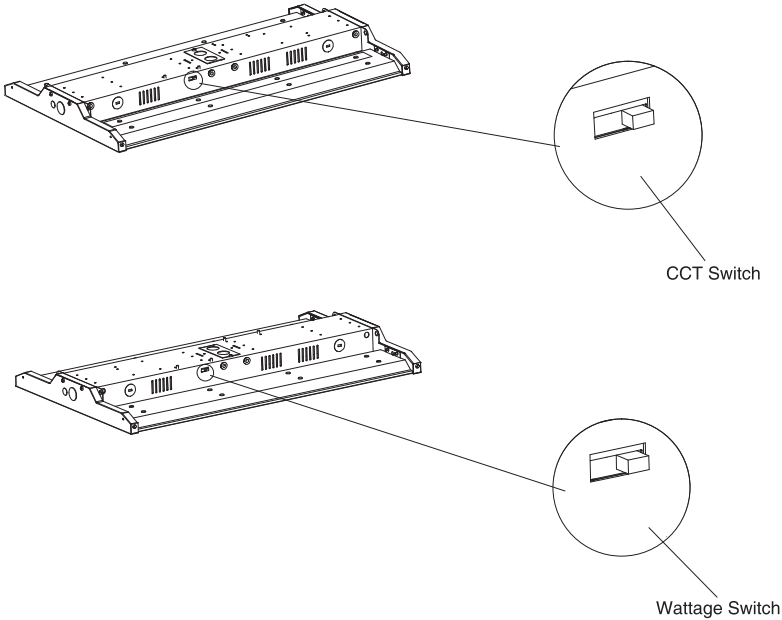
The end users may adjust the color temperature and lumen output respectively by the two DIP switch. The power switch has three options (left, middle and right), and the color temperatures switch has two options (left and right), corresponding to three powers and two color temperatures respectively, which can perform the desired color temperature and lumen output combination.

1.DIP switches are located onto the side of the fixture.

2.Select a wattage and color temperature by sliding switch left or right respectively to the desired value.

35599B
LED T-BAY

DAMAR®   Lighting
the World
805 N Carnation Drive
Aurora, MO 65605