

Fallon High Bay

Description:

Our Fallon High Bay is dimmable with the option of adding an occupancy sensor, EM backup, and daylight harvesting. Ideal applications range from warehouses, storage facilities, back of house, or any application with high ceilings in need of a high lumen output with 145 LM/W.



Features:

- 100-277V or 347-480V optional
- Wattage: 100W, 150W, 160W, 200W
- CCT: 3000K, 3500K, 4000K, 5000K
- High luminous efficiency up to 145 Lm/W ;
- CRI>90
- Damp Location Rated
- Surge protected
- Polycarbonate lens(option),high flame retardant point. PC or Opal Lens.
- Wire guard assembly optional for special application.
- Mounting: May be cable, chain, or pendant mounted.
- End holes to attach V bracket for chain or cable hanging.
- 7 Year Warranty.

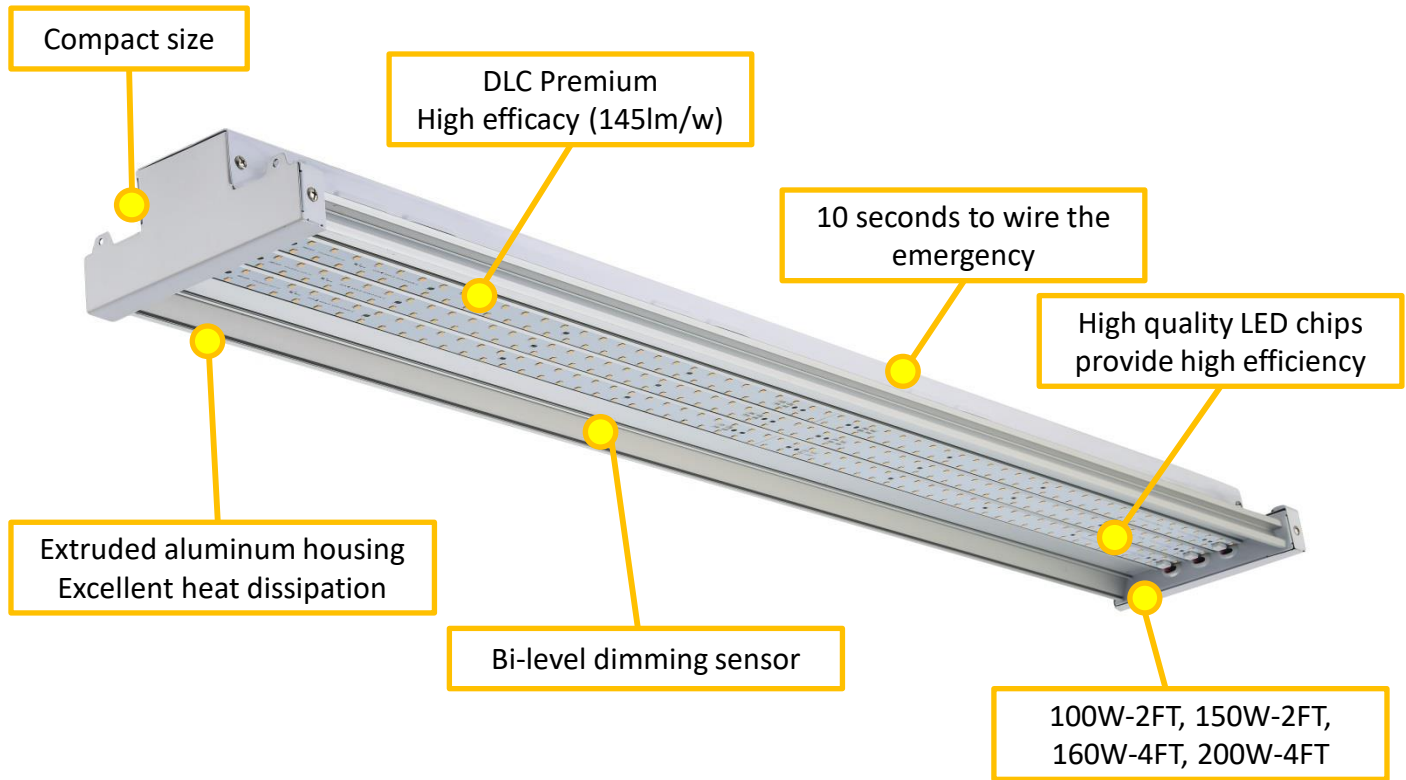
Additional Options:

- Occupancy Sensor
- Daylight Harvesting
- Emergency Backup
- Dual universal 0-10V driver for continuous dimming.
- Ambient Temperature:-22°F to +104°F
- Damp Location Rated

Wattage	Dimension(L*W*H) IN		
	Length	Width	Height
100W	24	6 7/8	2 3/4
150W	24	13	2 3/4
160W	46 2/4	6 7/8	2 3/4
200W	46 2/4	6 7/8	2 3/4



Diagram:



Ordering Key:

SERIES NUMBER	WATTAGE/ SIZE	CCT	VOLTAGE	ADDITIONAL OPTIONS
ILHBFHBR	100W - 100W / 2FT	3K - 3000K	27 - 100/277V	DM - 0-10V DIMMING
	150W - 150W / 2FT	35K - 3500K	48 - 347/480V	OS - OCCUPANCY SENSOR
	160W - 160W / 4FT	4K - 4000K		DH - DAYLIGHT HARVESTING
	200W - 200W / 4FT	5K - 5000K		EM - EMERGENCY BACKUP
				SC - SUSPENSION CHAIN
				PC - PC LENS
				OL - OPAL LENS

Sample Item Number: ILHBFHBR 100W 5K 27 DM

Electrical Data:

- **Input power:** Stays consistent over life
- **Input Voltage:** 100-277V or 347-480V
- **CRI:** >90

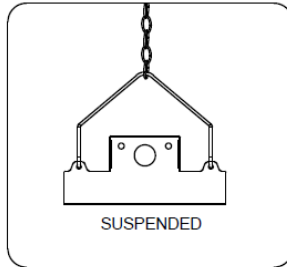
Optical System:

- A unique combination of reflective & refractive optical components achieves a uniform, comfortable look while eliminating pixelation & color fringing.
- Parts work in unison to optimize light distribution, balancing the high delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces, increasing perception of spaciousness.

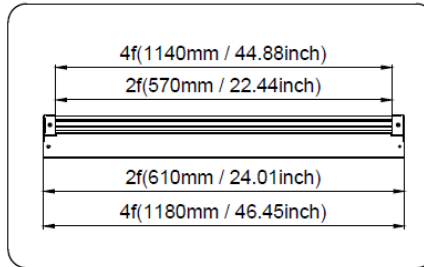


Installation:

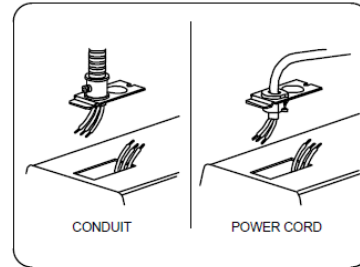
■ Installation



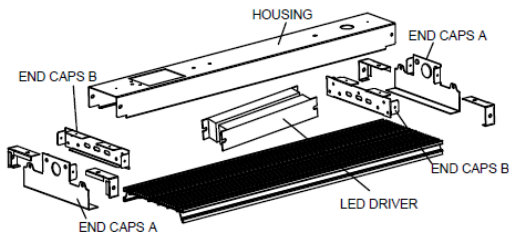
■ Installation Dimension



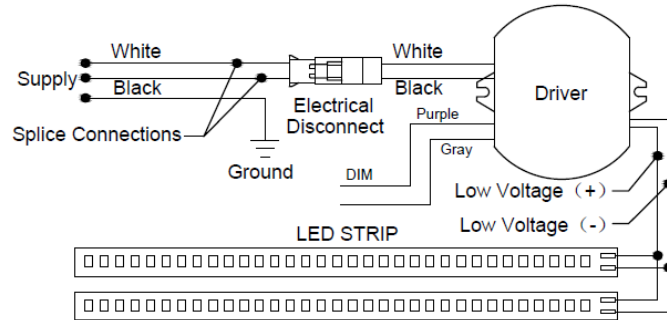
■ Electrical Connection



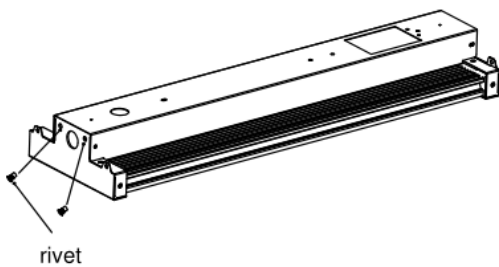
■ Exploded Views



■ Wiring Diagram

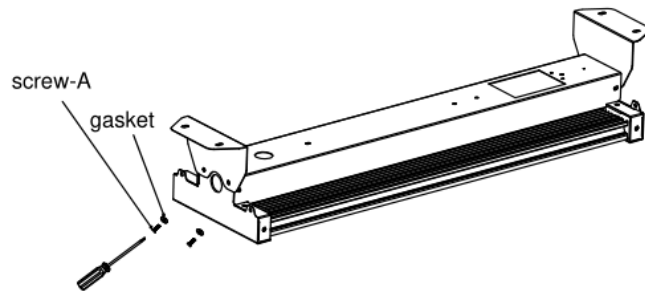


■ Installation for surface mount



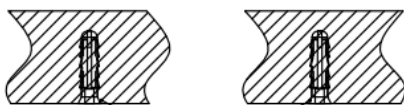
(a)

take off the knockout, and screw the rivet on the fixture



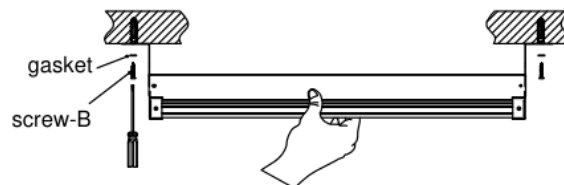
(b)

Install the surface mount kit on the fixture



(c)

screw the plastic wall plug on the ceiling



(d)

screw the fixture with the surface mount kit on the ceiling



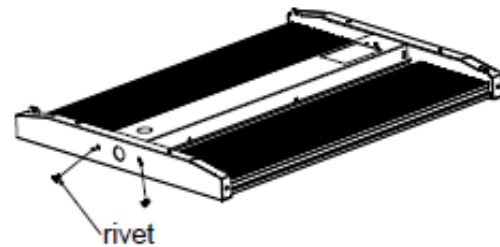
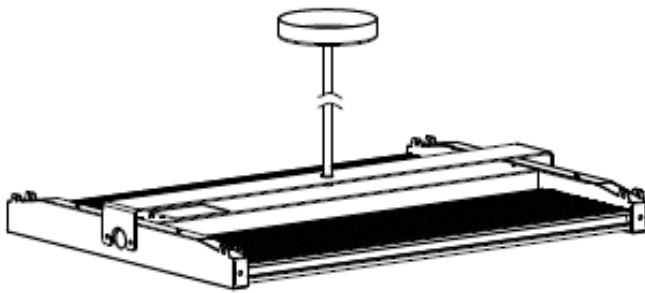
i-LUMINOSITY

LED LIGHTING FIXTURES

■ Installation

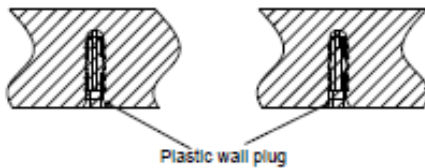
Installation:

Date:	_____
Project:	_____
Price:	_____



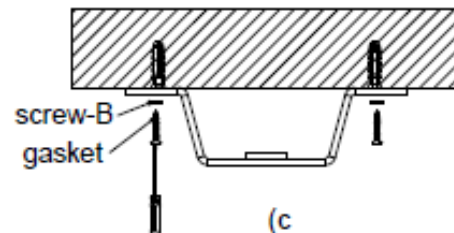
(a)

take off the knockout, and screw the rivet on the fixture



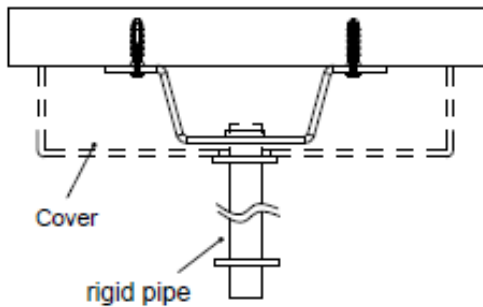
(b)

screw the plastic wall plug on the ceiling



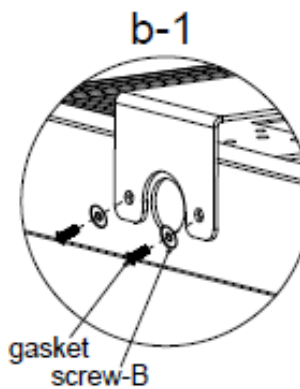
(c)

Fix the bracket on the ceiling with screws



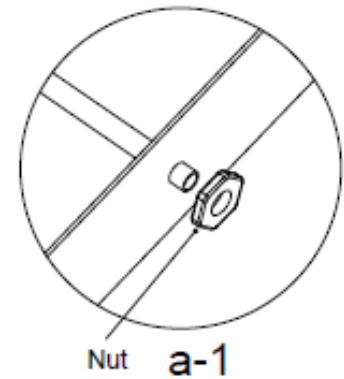
(d)

Make the rigid pipe pass through the center of cover
Twist the rigid pipe tightly

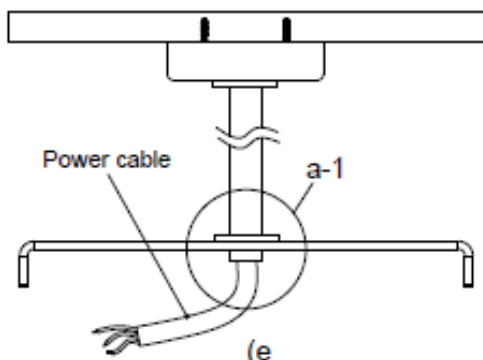


b-1

gasket
screw-B

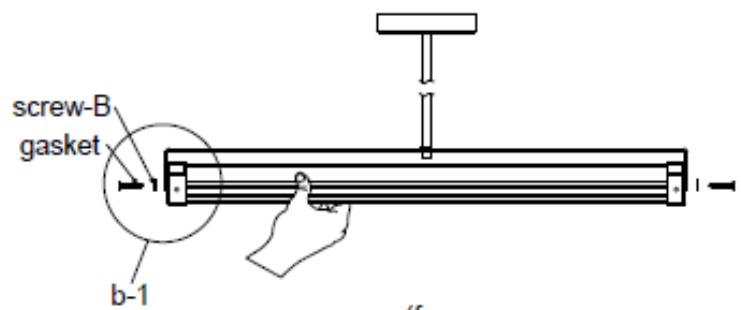


Nut a-1



(e)

Use the nut to screw the bracket with rigid pipe tightly
pull off the power cable through rigid pipe on the ceiling



(f)

Use the screws and gasket as (b-1)
to install the fixture on the rigid pipe bracket
And then connect the power by power cable

Photometrics:

Photometric Results

CIE Class: Direct
Measurement Flux: 14707.3 lm
Downward Ratio: 99%
Field Angle: H160.7 V154.7
Luminaire Efficacy Rating (LER): 150
Max. Intensity: 4985.09 cd

Total Rated Lamp Lumens: 14707.3 lm
Efficiency: 100%
Upward Ratio: 1%
Beam Angle: H115.6 V118.0
Central Intensity: 4984.81 cd
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve

