





Product Appearance













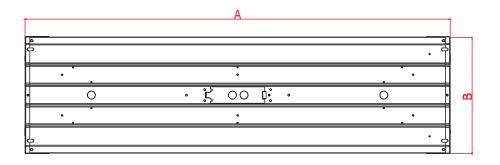


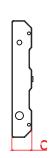


Product Features

- 1. DLC5.1& FCC listed with LM79 & LM80
- ●3. High quality isolated driver, 0-10V dimming, Flicker free
- ●4. PF > 0.95, driver efficiency > 88%, THD < 20%
- 5. Installation: hanging, it can add extra motion sensor or emergency battery.
- 6. Suitable for dry/damp location
- ●7. Designed for warehouses, gymnasiums, and industrial spaces
- ●8. CCT: 4000K & 4500K& 5000K& 5700K
- 9.Five years warranty

Product Dimension





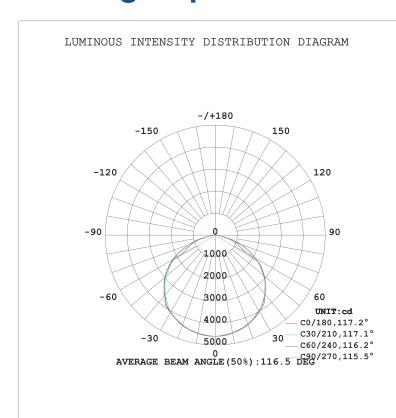
Mode	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)	
2FTLHBA-80WLH	23.82"(605mm)	12.60"(320mm)	2.17"(55mm)	
2FTLHBA-110WLH	23.82"(605mm)	12.60"(320mm)	2.17"(55mm)	
2FTLHBB-165WLH	23.82"(605mm)	17.32"(440mm)	2.17"(55mm)	
2FTLHBB-220WLH	23.82"(605mm)	17.32"(440mm)	2.17"(55mm)	
4FTLHBA-165WLH	45.79"(1163mm)	12.60"(320mm)	2.17"(55mm)	
4FTLHBA-225WLH	45.79"(1163mm)	12.60"(320mm)	2.17"(55mm)	
4FTLHBB-325WLH	45.79"(1163mm)	17.32"(440mm)	2.17"(55mm)	
2FTLHBA-110WHH	23.82"(605mm)	12.60"(320mm)	2.17"(55mm)	
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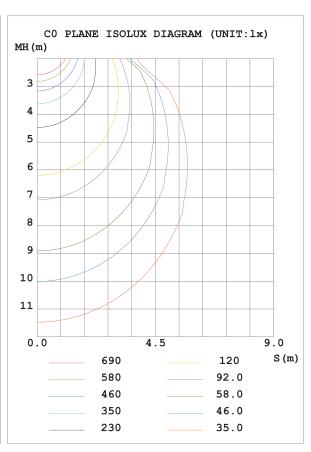


Specification

Part No.	Power	Input Voltage	Size	Input Current	PF	Light Efficacy	Ra	ССТ
2FTLHBA-80WLH	80W	AC120-277	2FT	0.8A	>0.95	1601m/w	80	4000-5700K
2FTLHBA-110WLH	110W	AC120-277	2FT	1.1A	>0.95	1601m/w	80	4000-5700K
2FTLHBB-165WLH	165W	AC120-277	2FT	1.65A	>0.95	1601m/w	80	4000-5700K
2FTLHBB-220WLH	220W	AC120-277	2FT	2.2A	>0.95	1601m/w	80	4000-5700K
4FTLHBA-165WLH	165W	AC120-277	2FT	1.65A	>0.95	1601m/w	80	4000-5700K
4FTLHBA-225WLH	225W	AC120-277	4FT	2.25A	>0.95	1601m/w	80	4000-5700K
4FTLHBB-325WLH	325W	AC120-277	4FT	3.25A	>0.95	1601m/w	80	4000-5700K
2FTLHBA-110WHH	110W	AC347-480	2FT	0.33A	>0.95	1601m/w	80	4000-5700K
2FTLHBB-165WHH	165W	AC347-480	2FT	0.5A	>0.95	1601m/w	80	4000-5700K
2FTLHBB-220WHH	220W	AC347-480	2FT	0.67A	>0.95	1601m/w	80	4000-5700K
4FTLHBA-225WHH	225W	AC347-480	4FT	0.68A	>0.95	1601m/w	80	4000-5700K
4FTLHBB-325WHH	325W	AC347-480	4FT	1.25A	>0.95	1601m/w	80	4000-5700K

Testing Report

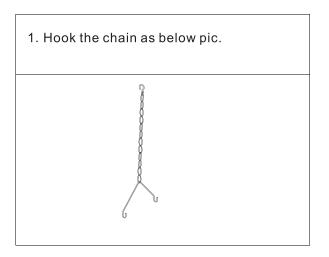


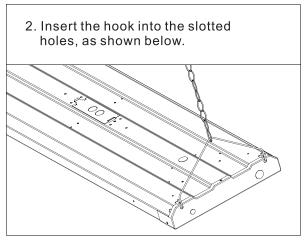


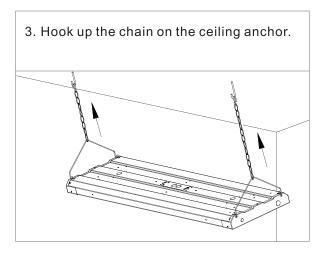


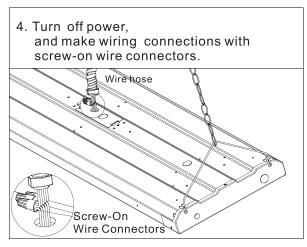
Hanging installation instruction

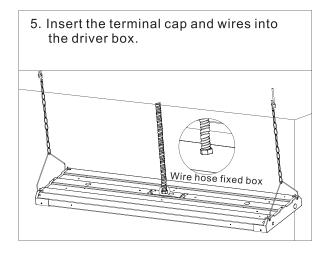
Please turn off the power before installation

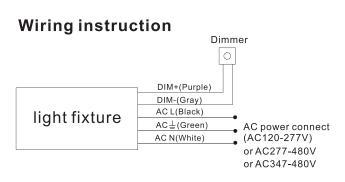








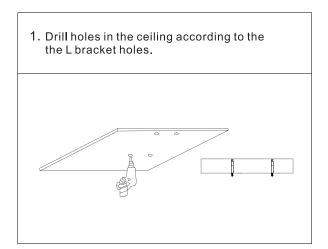


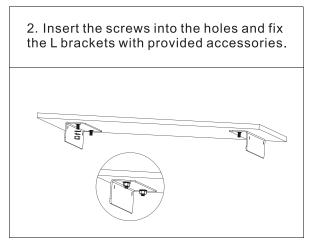




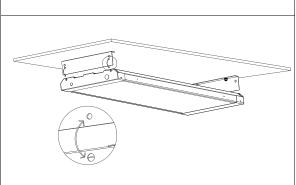
Surface Mounting instruction

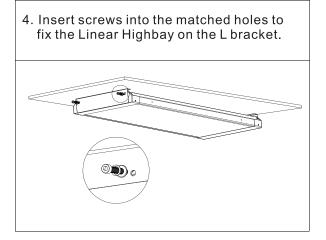
Please turn off the power before installation



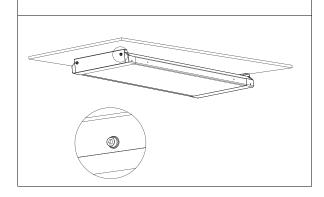


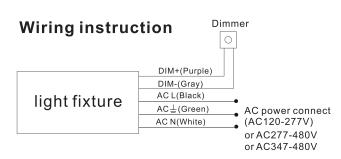
Match the holes on each side of the Linear highbay with the L bracket.





5. Use screws to lock up the linear highbay -together with the L bracket.

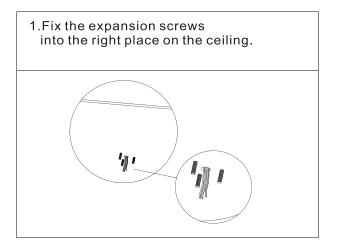


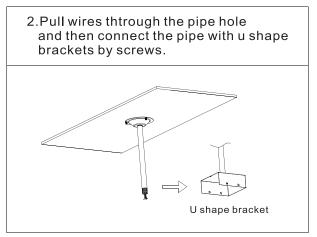


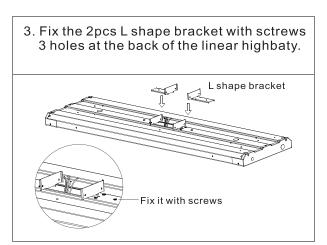


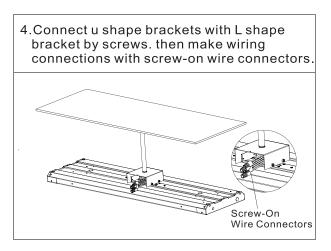
Pipe installation instruction

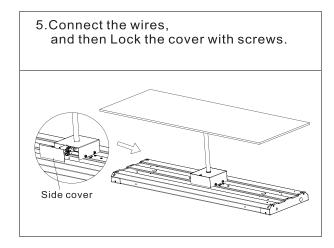
Please cut off the power before Installation

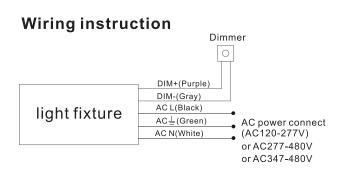






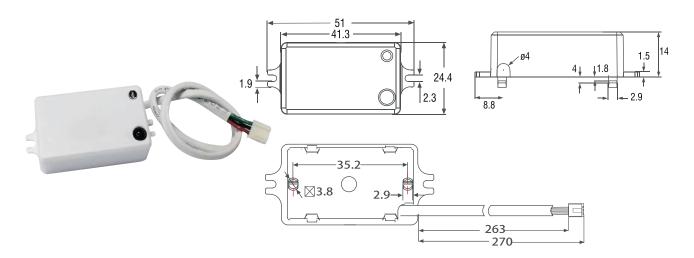








Microwave motion sensor



Technical data

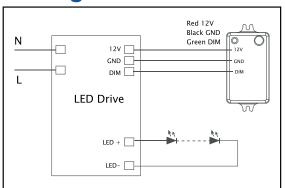
Operating voltage	12VDC
Operating current	≤25mA
Output	DIM/0-10V
Stand-by power	≤0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.15m/49.2ft (ceiling mounted)
Detection range	Max.ø14m/45.92ft (ceiling mounted)
Operating temperature	-20°C~+60°C
Motion detection	0.5~1.5m/s
IP rating	IP20
Warranty	5 years

Factory Default Setting: Detection area 100%/ Hold time 5s/ Daylight threshold Disable/Stand-by period 0s/Stand-by dimming level 10%.

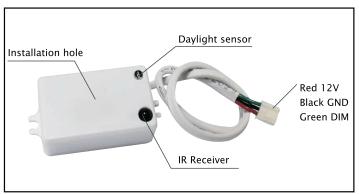




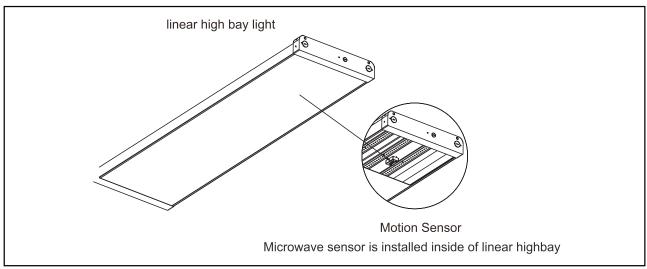
Wiring



Structure

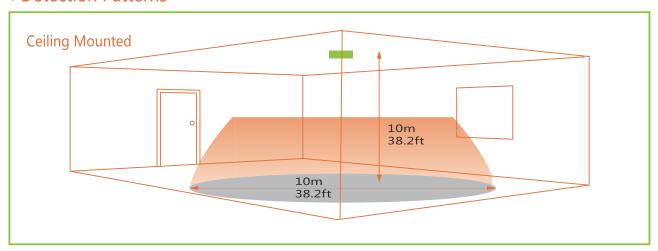


Mounted To Linear High Bay Light



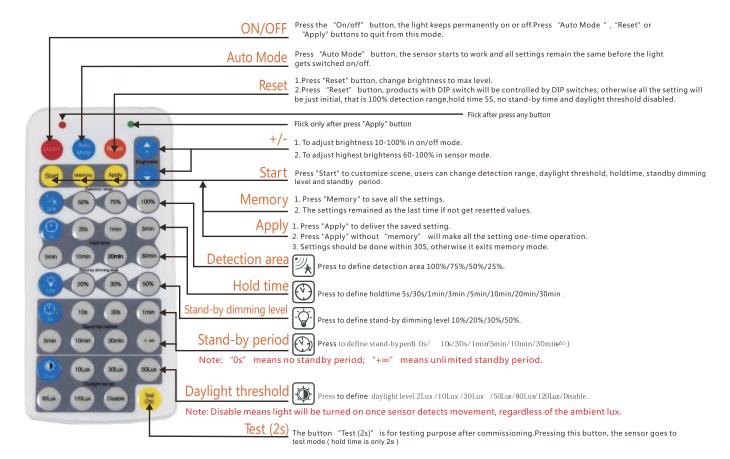
Function

Detection Patterns



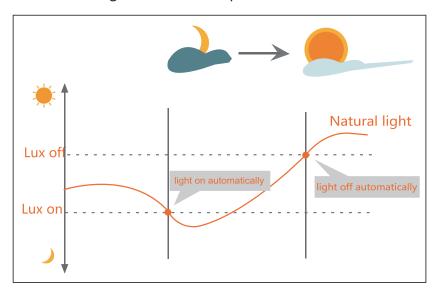


• Customer can set it according to actual needs with a remote controller.



Lux on/off

Adopted dual PD technology, it is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.



Preconditions to use the Lux-off function:

- 1. Standby period is +oo;
- 2. Standby dimming level is on 10%, or 50%;
- 3. Daylight threshold is on 30Lux-,50Lux, 80Lux or 100Lux.



Application—Lux on/off



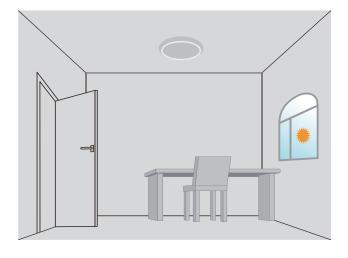
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



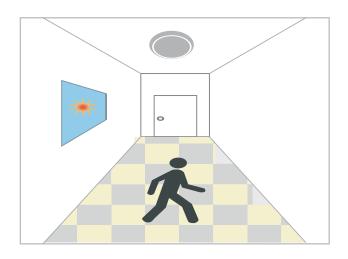
Light dims to standby level if no motion detected after holdtime.



Light off when ambient lux level is higher than preset lux amount.



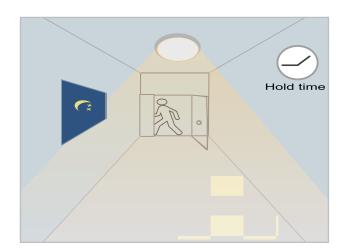
Application——Dimmable control/Corridor function



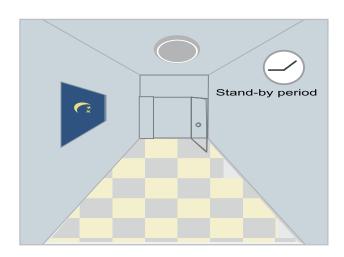
With sufficient daylight, even when motion detected, light remains OFF



With insufficient daylight, when motion detected, light ON



After the stand-by period, light OFF.After last detection, the light will be dimmed down to the stand-by dimming level(10%,20%,30% or 50%) after holdtime.



Light dims to standby level if no motion detected after holdtime.



Emergency LED Driver

Features

- Easy wiring: directly connect to AC input of LED lamps
- Ideal for many kinds of indoor LED fixtures with 0/1-10V dimming wires
 (Can work with up to 25W LED lamps without dimming function)
- UL Listed for US and Canada.
- Listed for factory or field installation-UL924&CSA C22.2 NO.141
- Constant Power output
- Input voltage:100-347Vac,50/60Hz
- Battery protections: over temperature protection, over charge protection
 Over discharge protection, shortcircuit protection.
- Self testing monthly/yearly
- Can work with sensors
- 5 years warranty
- RoHS compliant
- Meet CEC Title 20 standards(california energy commission)

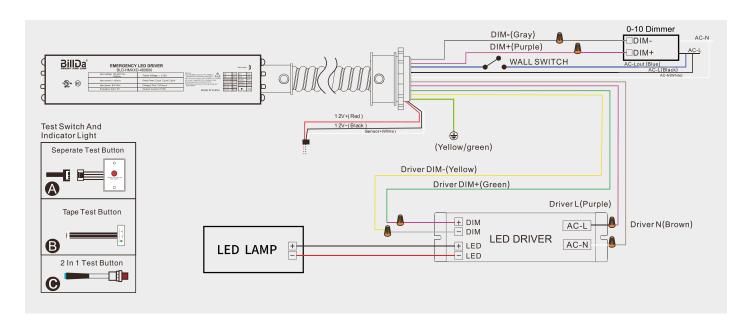
Specifications

MODEL NO.	BLD-HM15D-480800	BLD-HM20D-480800	BLD-HM25D-480800		
Input Voltage	100-347Vac, 50/60Hz	100-347Vac, 50/60Hz	100-347Vac, 50/60Hz		
Input Current	<100mA	<100mA	<100mA		
Input Power	8W max	8W max	8W max		
Ouput Voltage	≤175V DC	≤175V DC	≤175V DC		
Output Power	15W	20W	25W		
Application	① 3.5-100W(0/1-10V Dimmable Fixture) ② <15W LED Lamps without dimming function	① 3.5-100W(0/1-10V Dimmable Fixture) ② <20W LED Lamps without dimming function	① 3.5-100W(0/1-10V Dimmable Fixture) ② <25W LED Lamps without dimming function		
Ambient Temperature	0°C to+50°C(30°F to122°F)	0°C to+50°C(30°F to122°F)	0°C to+50°C(30°F to122°F)		



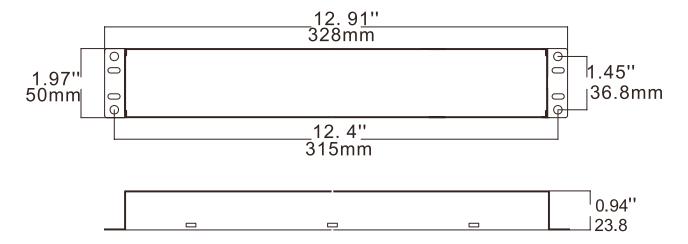
Wiring Diagram

0/1-10V Dimmable LED Driver + Dimmer Switch Emergency Driver Dim+(Yellow), Driver Dim-(Green) Have to connect with LED driver DIM+ and DIM-



Dimensions

Case:12.91"X1.97"X0 94"(mounting center 8.62")







Emergency LED Driver

Theintegratedself-diagnosticcircuitrywillautomaticallyconductmonthly30-secondandannual90-minute tests to verify proper emergency capability per Life Safety Code requirements.

PressthetestbuttontocutthepowertotheACdriverandswitchthesystemtoemergencymode.Release the test button to return to normal mode. Switch off the circuit breaker to simulate a full power outage.

NFPA 101, Life Safety Code outlines the following schedule:

Monthly-Insurethatthetestbuttonlightisilluminated. Conducta 30 second discharge test by depressing the test button. The LED load should operate at reduced output.

Annually-Insurethatthetestbuttonisilluminated. Conductafull 90 minuted is chargetest. The unit should operate as intended for the duration of the test.

"Written records of the testing shall be kept by the owner for inspection by the authority having jurisdiction."

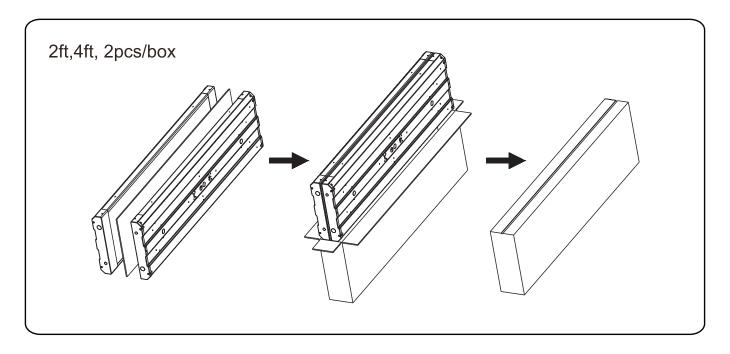
- •Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup. Check for enclosed wiring and components.
- •Risk of fire or electric shock. This LED Emergency Backup installation requires knowledge of luminaire. electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- •Before installing,make certain the AC power to the fixture is off.
- •The electrical rating of this product is 100-347Vac.Installer must confirm that there is 100-347Vac to the fixture before installation.
- •To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- •This LED Emergency Backup unit requires an un-switched AC power source of 100-347Vac,50/60Hz The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- •Do not let power supply cords touch hot surfaces.
- •Do not mount near gas or electric heaters.
- Do not use out doors
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- •The emergency LED driver is for use with grounded, ULlisted LED luminaires, shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.
- •The battery pack is fixed by the screw and the indicator lamp is attached to the shell of the laminaria by 3M tape
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- •The use of accessory equipment not recommended by the manufacturer and may cause an unsafe condition.
- •Do not use this equipment for other than its intended use.
- •Use with grounded, UL Listed, dry or damp location rated fixtures.



Packing / weight

Part NO.	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)	20GP (QTY)	40HQ (QTY)
2FTLHBA-80WLH 2FTLHBA-110WLH	24.41"*5.39"*13.39" (620*137*340mm)	2	7.6Kg/16.72lbs	8.2Kg/18.04lbs	1874	4436
2FTLHBB-165WLH 2FTLHBB-220WLH	24.41"*5.39"*17.91" (620*137*455mm)	2	9.8Kg/21.56lbs	10.55Kg/23.21lbs	1394	3302
4FTLHBA-165WLH 4FTLHBA-225WLH	46.38"*5.39"*13.39" (1178*137*340mm)	2	14.0Kg/30.8lbs	15.1Kg/32.22lbs	982	2326
4FTLHBB-325WLH	46.38"*5.39"*17.91" (1178*137*455mm)	2	21.0Kg/46.2lbs	22.5Kg/49.5lbs	740	1752
2FTLHBA-110WHH	24.41"*5.39"*13.39" (620*137*340mm)	2	7.6Kg/16.72lbs	8.2Kg/18.04lbs	1874	4436
2FTLHBB-165WHH 2FTLHBB-220WHH	24.41"*5.39"*17.91" (620*137*455mm)	2	9.8Kg/21.56lbs	10.55Kg/23.21lbs	1394	3302
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4FTLHBB-325WHH	46.38"*5.39"*17.91" (1178*137*455mm)	2	21.0Kg/46.2lbs	22.5Kg/49.5lbs	740	1752

Packing









Note

- 1. The installation and maintenance must be completed by electricians or professionals.
- 2.Please cut off the power before installation and maintenance.
- 3. The fixture is not allowed to be covered by thermally insulating material.
- 4. Please keep away from the corrosive substance, and keep the fixture dry and clean.
- 5. Working temperature:-4°F~104°F, storage temperature:-22°F~140°F.



ONWARD TECH INC.

Address: 14243 Don Julian Road.
City of Industry CA 91746 USA

Fax: +1 626-820-9299

Email: info@onward-tech.com

Web: www.onward-tech.com

Sunny Opto-electronics Co., Ltd

Web: www.sunnyled.net.cn



