LEDSION

Large Full CutOff LED WallPack

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....





FEATURES

- Large full cutoff design, up to 14000lm
- Built in Photocell options, Easy installation.
- Wet location rated IP65.
- Durable die-cast aluminum housing.
- UV-resistant polycarbonate lens.
- DLC PREMIUM LISTED.

SUITABLE APPLICATIONS

- Warehouses
- Factories
- Shopping Malls
- Supermarkets
- Logistic Centers

CONSTRUCTION:

Heavy die-cast aluminum alloy housing with bronze powder-coated finish. High light transmission PC lens.

ELECTRICAL:

Available as 120-277V input. -30°C to 45°C

OPTICAL SYSTEM:

High brightness Lumileds 3030LED chips. Full Cutoff illumination

INSTALLATION&MOUNTING:

Wall Mounting with quick mount back plate for easy installation.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

CONTROLS&DIMMING

0-10V dimming comes standard. Photocell is included.

PERFORMANCE

Model NO	POWER	PF	Voltage/CurrentInput		Lumens	Kelvin Options
			120V	277V		
AST-FWP01B-80D5BYT3SA1	80W	>90	0.66A	0.28A	11200lm	3000K/4000K/5000K
AST-FWP01B-100D5BYT3SA1	100W	>90	0.83A	0. 36A	14000lm	3000K/4000K/5000K

LED SION
LIGHTING

Electric Characteristic

Specification/Model	AST-FWP01B-80D5BYT3SA1	AST-FWP01B-100D5BYT3SA1
LED Driver	UL listed Daermay Brand 0-10V dimmable	
Input power	80W	100W
Lumens output	11200LM	14000LM
Efficiency	140LM/W	140LM/W
CRI	＞80	＞80
Color Temperature	5000K	5000K
Input Voltage	120-277V/AC	120-277V/AC
Surge Protection	4KV	4KV
Working Temperature	-30+45℃	-30+45℃
Junction Temperature	＜75℃	＜75℃
Lamps Efficiency	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC
Equivalent	160-250W MH/HPS	200-300W MH/HPS

PRODUCT ORDERING GUIDE

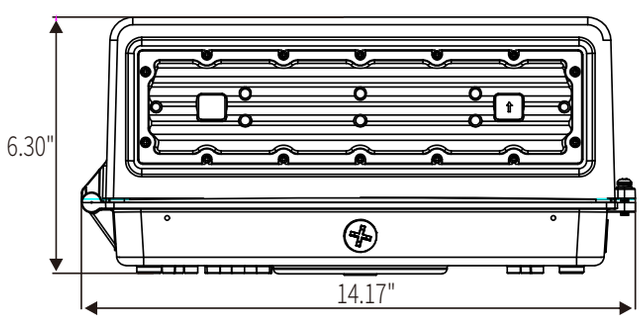
AST-FWP01B-80D5BYT3SA1
1 2 3 4 5 6 6

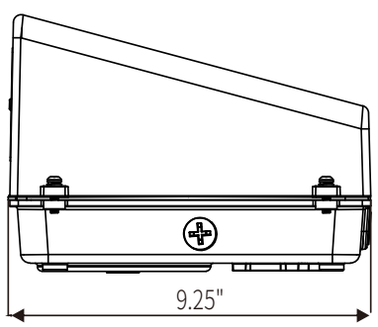
ATS - FWP01B - 80 D5 BY T3 S 30W

☑ ATS	Company name
☑ FWP01B	LED Full-Cutoff Wall Pack
☑ 80	Rating Power
☑ D5	Driver manufacturer, Daermay
☑ BY	LED manufacturer, Lumileds
☑ T3	Diffuser light angle type, TYPE III
☑ A1	Version number

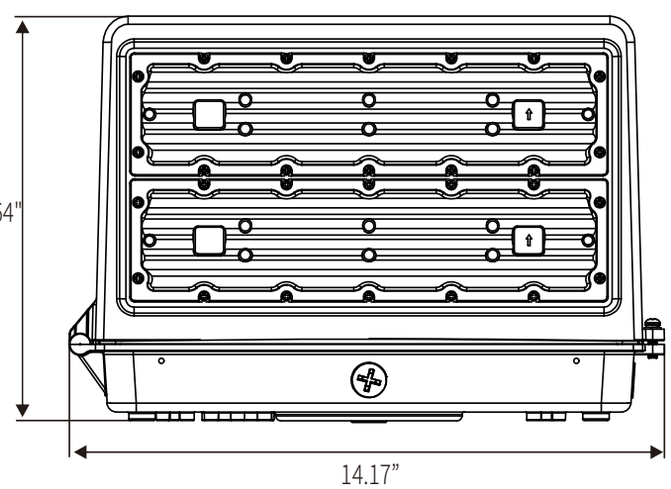
DIMENSION

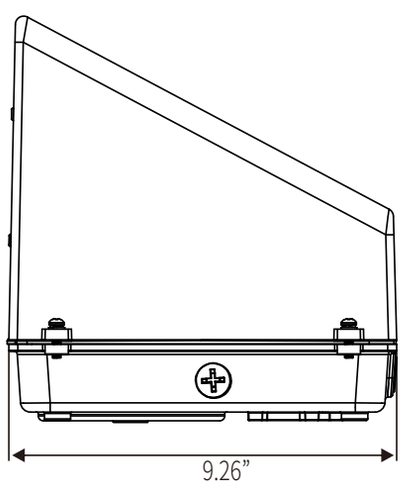
80W





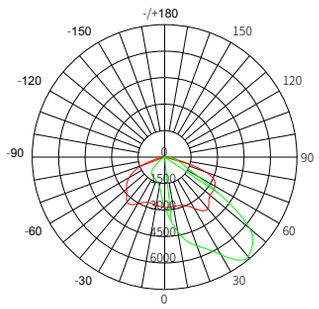
100W





DISTRIBUTION DIAGRAM

AST-FWP01B-80D5BYT3SA1



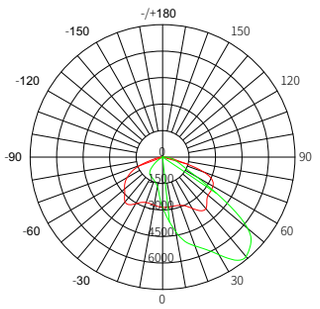
AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Lumens:11200LM
Test Number:80W
Test Number:5000K

C0/180,143
C30/210,102.3
C60/240,109.8
C90/270,50

AST-FWP01B-100D5BYT3SA1



AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Lumens:14000LM
Test Number:100W
Test Number:5000K

C0/180,143
C30/210,102.3
C60/240,109.8
C90/270,50

LED Full Cutoff Wall Pack Instruction

Application:

Available in tunnel (except for motor vehicle tunnel), workshop, warehouse,factory, house, building exterior, etc.

Caution:

1.Can not use the electric generator to test the LED light ;
2.Please abide by related country, regional and local law and regulations when install this fixture;
3.Please don't install the fixture when raining to lower the risk of electric shock and avoid the failure.

Note:

1.To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge;
2.Please wear gloves to avoid injury before installation;
3. lf any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel;
4.This fixture is available in outdoor usage, but the distance from fixture to ground should be more than 2m.

The installation of the product can be used when it is marked with "√ ".

☑ Installation l :

1.Take out the fixture, and loosen the screws on the cover and take apart the fixture by the screw driver.Pull off the quick connect terminal vigorously.(Fig.1-1A&B)

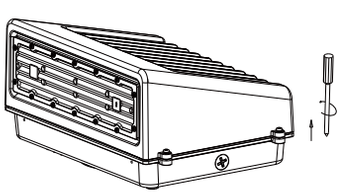


Fig. 1-1A

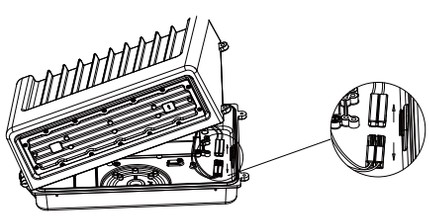


Fig. 1-1B

2.Drill an installation hole at the bottom of fixture, paste the EVA mat.(Fig. 1-2A&B)

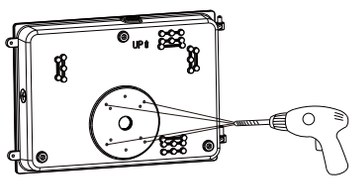


Fig. 1-2A

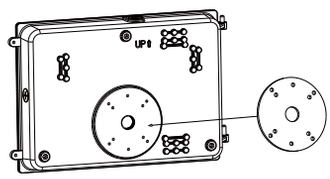


Fig. 1-2B

3.Loosen the plug on the bottom plate, then put the wiring through the hole,screw the bottom cover with junction box on the wall.(Fig. 1-3A&B)

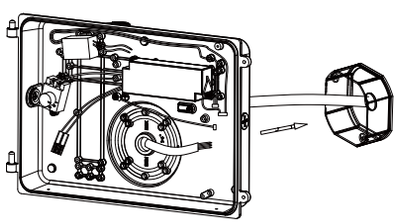


Fig. 1-3A

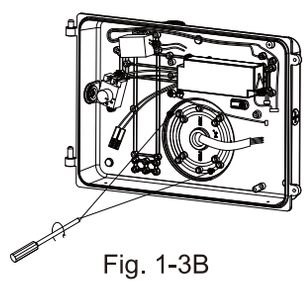


Fig. 1-3B

4.Make wiring connections per"Electrical Connections" section and make sure the good wire protection.(Fig.1-4)

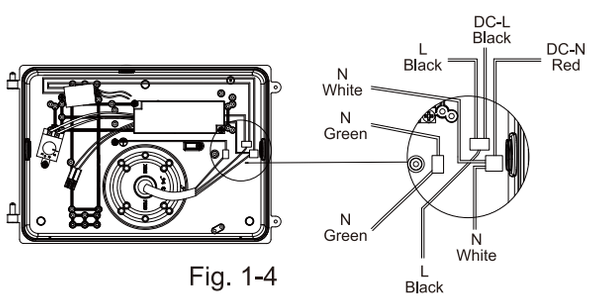


Fig. 1-4

5.Connect the quick connect terminal, then screw the fixture with bottom plate.(Fig.1-5A&B)

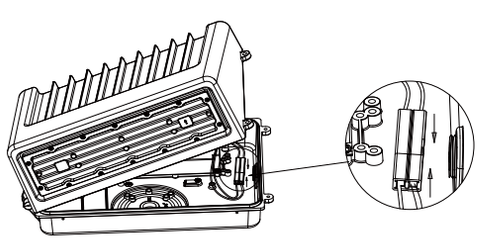


Fig. 1-5A

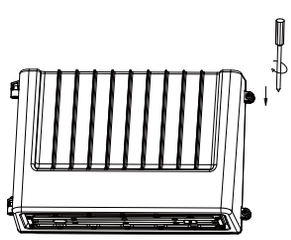


Fig. 1-5B

☐ Installation ll:

1.Take out the light, and loosen the screws on the cover and take apart the fixture by the screw driver.Pull off the quick connect terminal vigorously. (Fig.2-1A&B)

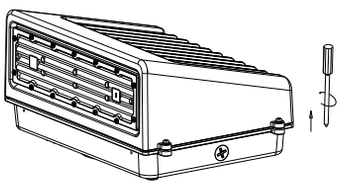


Fig. 2-1A

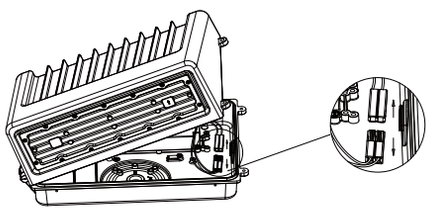


Fig. 2-1B

2.Rotate the three mounting kits to the proper angle.Put the fixture on the wall,make three marks according to the three mounting kits, then drill three holesfor them. (Fig.2-2A)
Get rubber plugs into the holes, match the three mounting kits to the rubber plugs, then fix the fixture on the wall by screws with the spring washer and plain cushion.(Fig. 2-2B&C)

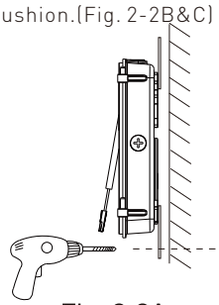


Fig. 2-2A

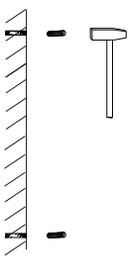


Fig. 2-2B

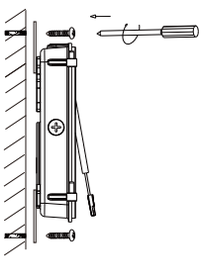


Fig. 2-2C

3. Make wiring connection from side and go through isolation treatment;Tighten the pipe on the luminaire.(Fig.2-3A&B)

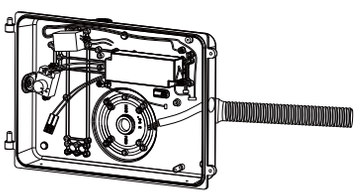


Fig. 2-3A

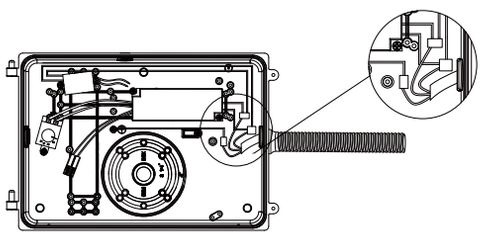


Fig. 2-3B

4.Connect the quick connect terminal, then screw the fixture with bottom plate(Fig. 2-4A&B).

Standard wire:
L/live wire: Black Brown;
N/null wire: Whitel Blue;
Ground wire: GreenlYellow-green;
DIM+: Purple;
DIM-: Pink.

DC ACL: Black
DC ACN: Red
DC 12+: Red
DC 12+:Black

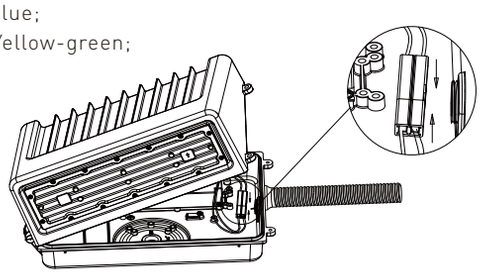


Fig. 2-4A

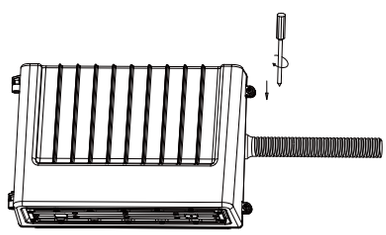


Fig. 2-4B