

SWIT®

HL-180
Electric Flip Flat Light
Ver: B

USER MANUAL

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Thank you for choosing SWIT products. Please read the instructions before using, and keep it for future reference.

Technical parameters

Model	HL-180
Half-peak beam angle	Approximately 67°
Colour Temperature	5600K
Brightness	0%-100%
CRI	96
TLCI	97
Central illumination	4000 Lux@1m
Operating Voltage	AC 100-240V, 50/60Hz
Complete lamp power	Approximately 180W
Heat dissipation method	High thermal conductivity pure aluminum molding radiator natural heat dissipation
Working temperature	-10°C~40°C
Angle of obliquity	0~90°
Limit mode	Magnetic sensors, Higher sensitivity, High precision limit
Body size (mm)	550 x 330 x 120mm
Aperture size (mm)	560 x 340mm
Net weight	12.5Kg

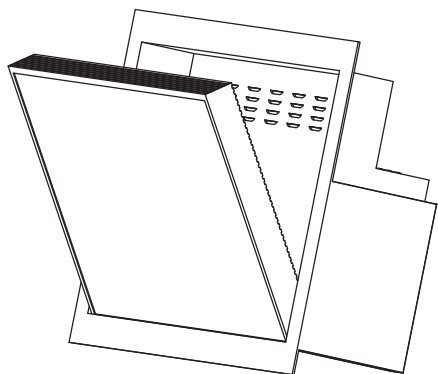


Fig.1 Angle of obliquity 0~90°DMX controller

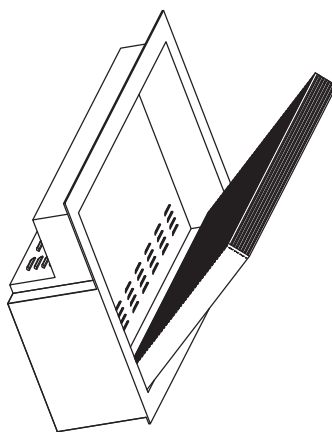


Fig.2 High Thermal Conductivity Aluminium Substrate

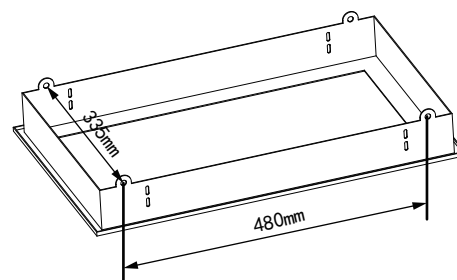


Fig.3 Hoisting hole spacing

WARNING

1. Do not continuously switching of luminaries within 3min;
2. Any on going test must be suspended to avoid damage to the lamp due to the weight of the lamp itself during the process, and to avoid rattling in the process of turning over;
3. When installing the lamps and lanterns, please hold them gently to avoid causing damage to the surface of the lamp body.

Appearance Description

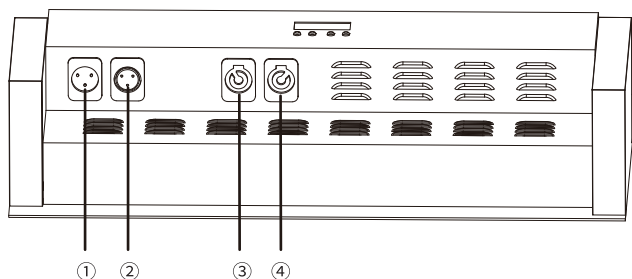


Fig.4 HL-180

- ① DMX in
- ② DMX out
- ③ Power in
- ④ Power out
- ⑤ Menu button: Toggle function
- ⑥ +:Up
- ⑦ -:Down
- ⑧ Enter button:Confirm selections
- ⑨ Digital display

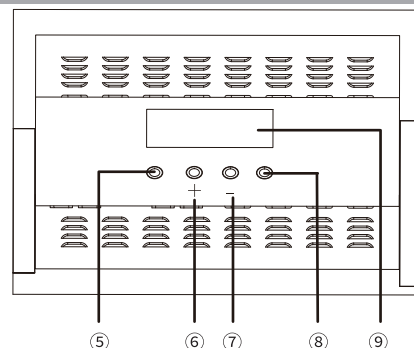


Fig.5 HL-180 Top view

USAGE

1. Power supply

Operating voltage AC 100-240V,50/60Hz,AC loop-out is supported.

2. Function (Menu keys rotate menu selections)

Display Characters	Functional Description	operating method	illustrations
d.001	Change DMX Address Code	① Press Menu button to d.001; ② Press +/— button to the address code; ③ Press Enter to confirm.	
bott	Manual button to adjust the brightness function (P 000~P 255)	① Press Menu button to “bott”; ② Press Enter to P 000, Press +/— button to increase or decrease brightness,Press Enter to save any changes.	
C 000	Manual adjust the flipping angle (0~255)	① Press Menu button to C 000; ② Press +/— button to adjust.	

3.DMX channels

- 2CH

Channel Number	Channel Name	DMX value	Description
1	Dimmer	0-255	Brightness control
2	Flip angle adjustment	0-255	Flipping angle 0~90°

4. Soldering methods for signal connectors

Open the signal connector, plug marked with "1" "2" "3" three figures, the signal line with international pure copper, with shielded cable, the two with the colour of the line with a soldering iron welded to the "1" "2" position, shielded wire welded to the "3" position, the other connectors as welded.

Packing list

NO	Packaging Details	quantity
1	HL-180	x 1
2	Power cable	x 1
3	AC plug	x 1
4	DMX single header	x 1