

Calex Morus SFC 280/360 3CT EM

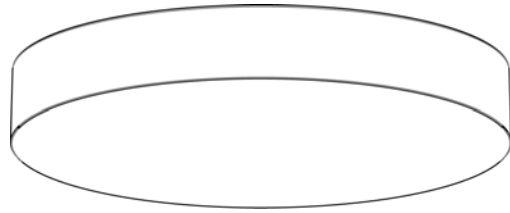
Features:

It adopts high brightness high quality LED as luminous body with low-voltage constant current driver, low power consumption, long lifespan, reliable and safe. The housing, elegant and fashion look, is made of high purity PP. The special material guarantees the color consistency and will not turn yellow. Excellent heat dissipation design brings extremely low LED temperature which ensures stable working of LED, and controls light attenuation effectively.

Perfect optical design ,soft and even lighting. No Flickering. Free of lead, mercury and other harmful substances. This product is widely used in shopping mall, hotel, restaurant and etc.

Cautions:

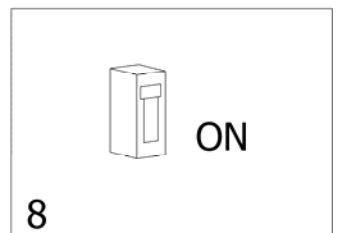
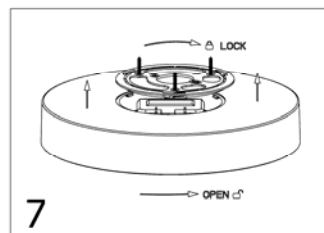
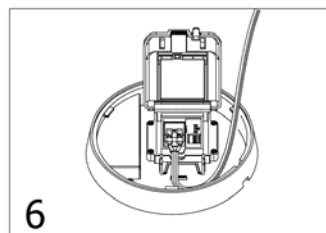
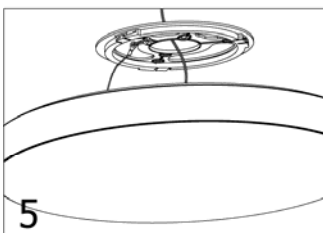
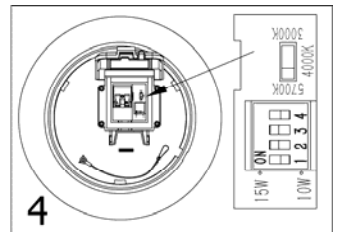
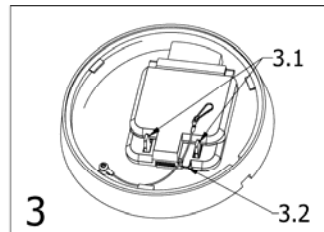
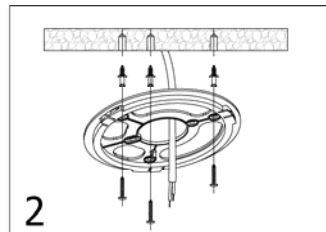
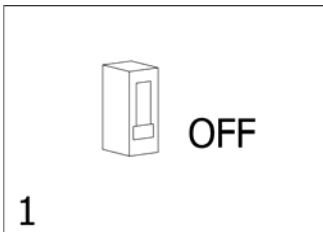
1. Only qualified electrician is allowed to do the installation, maintenance and inspection for safety concern. It is dangerous for non-professional operator.
2. Surface mounted installation only.
3. Don't installed in high temperature places in case damage the light.
4. At least 75mm ventilation space around the light, never been covered by thermal insulation gasket or similar material at any time.
5. Storage conditions: room temperature and dry environment.



IP55 IK08
RoHS CE

Installation steps:

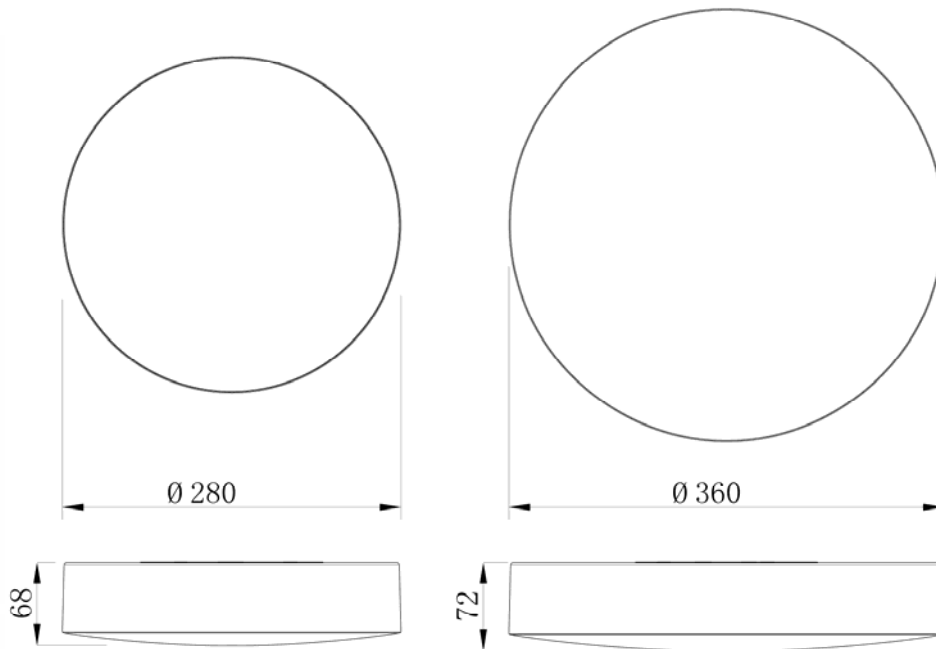
1. Turn off the power
2. Fix the bracket onto the ceiling with expansion screws
3. 3.1 The intermediate pressure, 3.2 Open the wiring box
4. Select expected CCT by DIP switch, Built-in Type ON/OFF Sensor switch Setting power.
5. Hang the safety rope from the light body to the bracket
6. Connect input terminals with the commercial power cord, make sure the wires are fixed tightly, and then close the wiring box
7. Align the light fixture upwards with the mounting chassis, then rotate to secure
8. Turn on the power.



Technical Parameters

Part No.	Calex Morus SFC280		Calex Morus SFC360	
Input Voltage(VAC)	220-240V AC			
Input Current(A)	0.11	0.07	0.11	0.07
Power(W)	15	10	15	10
Power Factor	>0.9			
Color Temperature(K)	3000 (WW) /4000 (NW) /5700 (CW)			
Luminous Flux (Lm)	1500/1725/1575	1100/1200/1150	1620/1800/1650	1170/1300/1200
Beam Angle(°)	110			
Lifespan (hour)	100000			
Protection Rate	IP55 IK08			
Working Temperature(°C)	-20~40			
CRI (Ra)	>80			

Dimension:



WARNING



- * Power should be cut off before installation, maintenance or inspection.
- * Supply cord 60254 IEC57 2x1.0mm²
- * Please install and use the light strictly according to the instruction.
- * Do not disassemble or remold the product at will to avoid accident of electric shock or light falling.
- * The light source is classified as non-replaceable, when the light source reaches its end of life the whole luminaire shall be replaced
- * The symbol of the crossed out wheeled bin indicates that product (electrical and electronic equipment) should not be placed in municipal waste. Please check local regulations for disposal of electronic products

EM Battery specification

1、 Emergency power supply

Types of lamps :50W (5W-50W)LED light

Input:AC100-277V/50-60HZ

Output:DC12-120V DC90-120V customization

size:150*40*30mm

Inverter: DF268C

Battery packs:LIR 3.7V 2600mAh

The whole weight:200g

2、 Emergency lighting parameters

Emergency power: 3W±_1W

Charging Time ≥20 hours

Emergency time ≥ 180min

Conversion efficiency ≥80%

Power factory ≥90%

Emergency switch time ≤ 1S

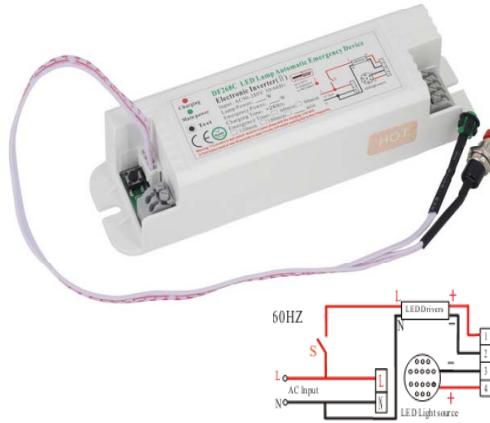
Lighting system : continuous

The design life:4 years

The warrenty time:3 years

Temperature range : -10-+55 °C

Product schematic diagram



3、 The installation

Connect the circuit in strict accordance with the wiring diagram. Each port is connected to the following lines:

N -- Connect zero line N + LED external drive zero line input terminal;

L -- Connect live wire L + LED external drive live wire input terminal -- a wall switch S can be set on the line, the wall switch only controls the mains lighting, does not affect the emergency lighting;

1 -- drive power output positive extreme;

2 -- driving power output negative extreme;

3 -- negative extreme of connected light source;

4 -- positive extreme of connected light source;

4、 Maintenance

1. Professional electricians or relevant engineering and technical personnel shall connect the circuit in the state of power failure. Live operation is prohibited to avoid accidents;
- 2, the main power line: charging live line L and neutral line N, directly connected to the floor main box, by the main brake set under the switch control;
- 3, the wall switch only controls the mains lighting, control wall switch firewire L and charging firewire L must be in the same phase;
- 4, green indicator: main power supply; Red light: charging, charging saturation red light will be extinguished;
5. Under the state of emergency lighting, all working indicators are extinguished except for light source lighting;
- 6, emergency power supply suitable working temperature -10-50 °C, forbid high temperature aging;
- 7, emergency power supply test should not be frequent, each interval should be greater than 1 minute, do not frequently press the test switch;
- 8, the battery and emergency device in the storage period, the battery should be tested and charged once every three months;
9. If you have any questions, please contact the supplier.