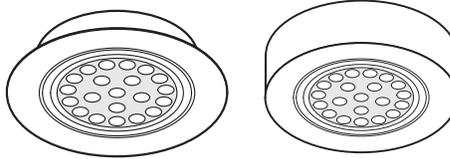


# Energy Saving HD LED Recessed/Surface Light SA9005

## INSTALLATION INSTRUCTIONS

### Package Contents

1. 1 x HD LED Recessed/Surface Light
2. 1 x Connector cable
3. 2 x Screws
4. 1 x Surface-mount fixture ring
5. Fixture instructions



### Important Safety Information

Please read these instructions carefully before attempting to install this product. It is advisable to keep these instructions in a safe place for further reference. **We recommend that you consult a qualified electrician.** These products must not be modified; if any modifications are made, it may invalidate the warranty and may render the product unsafe. These LED lights operate on low voltage (24V). **Do not wire the individual LED light fixtures directly to line power. This product is for indoor use only. Keep out of moisture and use only in dry rooms.**

**CAUTION:** To reduce the risk of fire, electric shock, or injury to persons:

- a) Use only insulated staples or plastic ties to secure cords;
- b) Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall;
- c) Not intended for recessed installation in ceilings, or soffits.

The low voltage light may be installed under a kitchen cabinet or other built-in furniture when:

- 1) The low voltage Class 2 power supply is located outside the cabinet and is not concealed; and
- 2) The line voltage power supply cord is not concealed or run through openings in the cabinet, walls, ceilings, or floors.

This requirement does not apply to the wiring between the cabinet light and the power unit.

The National Electrical Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits, or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.

### Safety Instructions

1. Before commencing installation or maintenance, turn off the main electrical supply for the appropriate circuit at the fuse board.
2. This product is only suitable for connecting to a 24V DC power source. The light should be mounted onto a secure surface. Position lights where they will not be exposed to steam, splashes, etc.
3. Never exceed the total output of your LED driver.
4. Suitable for cabinet and decorative lighting.
5. When the lamp expires the fixture must be replaced.
6. Class 2 safety extra low voltage (SELV).
7. Be sure to use only approved accessories and drivers.
8. **IMPORTANT:** lamp must NOT be covered by loft insulation. Lamp must be installed in accordance with relevant codes and regulations.

### Accessories:

- SA40545 - 4-Port ML Expansion Block
- SA9009 - HD LED Extension Cable - 98.43" (2500mm)

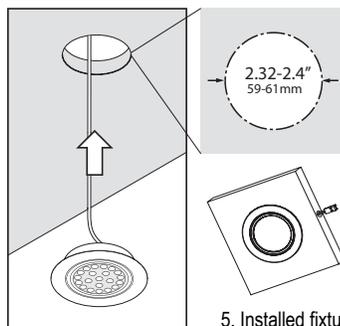
### Drivers:

- SA40654 - Sensio 120V LED 6W 24V Driver with 4 Port ML Block
- SA40655 - Sensio 120V LED 20W 24V Driver with 6 Port ML Block
- SA40656 - Sensio 120V LED 30W 24V Driver with 12 Port ML Block
- SA40591 - Sensio 120V LED 15W 24V Dimmable Driver - 12 Port ML

Wattage	1.65W
Voltage	24V
LED Qty	24
Kelvin (Cool/Warm)	5000/3200K
LPW	39 lm
Beam Angle	50
Lifespan	60000hrs
Materials	Aluminum
Width	2.58in (65.5mm)
Depth	0.41in (10.5mm)
Length	2.58in (65.5mm)
Cable	8.2ft (2.5m)
Hole Cut	2.2in (56mm)

### Recessed Installation

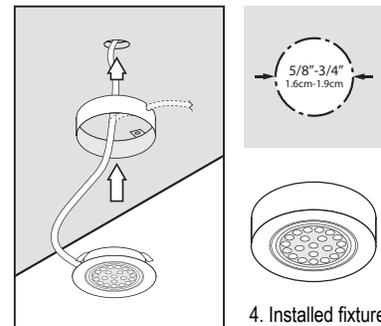
1. Drill a fixed hole on the board to insert the LED lamp, the diameter must be 2.32"- 2.4" (59-61mm), and the depth is less than .39" (10mm).
2. Drill an outlet hole on the side with a diameter of .35" (9mm).
3. Pull the input cable on the LED lamp through the outlet hole.
4. Fix the LED lamp into the fixing hole by using the two spring-loaded clips on the sides of the lamp.



5. Installed fixture.

### Surface-mount Installation

1. Drilling a fixed hole on the board to run the power cord through, the diameter must be 5/8-3/4 inches (1.6-1.9cm). You can also run the power cord out the side of the fixture ring using the cord channel in the ring.
2. Thread power cord through the fixture ring as shown, and up through the drilled hole in the base, or thread it through the channel on the fixture ring. Screw fixture ring to base surface using the screws provided.
3. Insert the lamp firmly into the fixture ring until it clicks in, engaging the spring-loaded metal clips.



4. Installed fixture.

