Hagrid’s Hut: Buckbeak’s Rescue – 75947  Lighting Kit

Package contents:

- 3 x 15cm Warm White Dot Lights
- 2 x Warm White Strip Lights
- 2 x 15cm Connecting Cables
- 1 x 5cm Connecting Cable
- 1 x 6-port Expansion Board
- 1 x Flicker Effects Board
- 1 x Round Coin Cell Battery Pack

Extra LEGO pieces

**Note:**

Place wires on the surface or under the LEGO building blocks. The wire can be placed between the building blocks or under the block, but they should be placed between the studs correctly.

Insert the connectors to the ports. Be careful when you are operating, there’s only one correct way to insert, make sure the expansion board is upward, find the soldered “=” sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the “=” sign and if you feel hard to insert, please stop, and don’t force it, for that may result in bent pins inside the port or overheating of the expansion board.
At this point, use the tweezers to straighten the bent pins.

When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

**Connecting cable connectors to Strip Lights**

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won’t fit easily into a port connector, don’t force it. Doing so will damage the plug and the connector.
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.
Instructions for installing this kit:

OK, Let’s Begin!
Start from separating the 2 buildings apart

Remove the roof from the smaller house

Take a warm white strip light, a 15cm connecting cable

Connect the cable to the strip light, stick the strip light to the following beam
Take a warm white 15cm dot light

Remove the following piece

With lighting part facing down, reconnect the piece to secure the light
Thread the connector through the following hole, place the cable as per below.

Reconnect the roof to secure the cable, connect the cable to the strip light:

Continue to install light for the candle
Remove the following piece

Take a warm white 15cm dot light, place the light inside the following white piece

Reconnect the candle
Take the Flicker Effects Board, connect the cable of the candle light to the Flicker Effects Board, reconnect the desk.

Remove the following piece.
Secure the cable with the following 1x2 plate, place the Flicker Effects Board against the wall, reconnect the piece.

Thread the cable from the strip light through the following hole.
Thread it through the hole at the left side of the bigger house, connect the 2 buildings together.

Remove the following pieces.

Place the cable as per below, reconnect the pieces we removed before to secure the cable.
Take a 6-port expansion board, connect the cable to the expansion

Wind excess cables around the expansion board, stick the expansion board to the beam by using the adhesive squares

Move onto install lights for the bigger house
Remove the following pieces from the roof
Take a warm white strip light, a 5cm connecting cable, connect the cable to the strip light as per below

Stick the strip light to the beam, connect the cable to the expansion board

Take a warm white 15cm dot light, remove the following pieces
With lighting part facing down, reconnect the pieces to secure the light.

Connect the connector of the light to the expansion board.
Take a 15cm connecting cable, remove the box in front of the Flicker Effects Board, connect the cable to the output port Flicker Effects Board.

Thread the connecting cable through the following space, reconnect the box:
Remove the following piece, place the cable, reconnect the pieces, connect the cable to the expansion board.

Take the Round Coin Cell Battery Pack, place it at the door.

Connect the cable of the battery pack to the expansion board.
Reconnect the pieces back to the roof

This completes installation of this LED Lighting Kit. ENJOY!