

SCHWINN

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Manual

LED Lighting System for furniture

Version 04/08/2015



www.schwinn-group.com

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1. Before you start

Thank you for choosing a Schwinn product.

Advantages of LED Lighting:

- Very high color rendering level
- Very high longevity
- No IR/UV radiation
- No buzzing sound
- Very low operating temperature
- Impact resistant
- Instant ON

Please read this manual carefully and in its entirety to avoid installation mistakes that can lead to malfunctions.

Please keep this manual available for future reference. This manual is part of the product and has to accompany the product at all times.

This product requires a 230V/50Hz connection.

This lighting system can only be operated with the transformer included in this set.

Manufacturer is not liable for injuries or damages resulting from improper use of this product.

Proper and safe use of this product requires that all instructions in this manual are followed.

The content of this manual is non binding. We reserve the right to make changes for technical reasons. Version 08/2015

This manual is for the following Schwinn articles

6K367 Center to Center: 128mm, 160mm, 192mm, 256mm

Please also refer to our manuals for available accessories options.

2. Safety

- a. Before working on the electric system or the lighting product, disconnect power.
- b. Connect the 12V lighting system only through the transformer included in this set.
Always consider the power specifications: Primary 230V, AC, Secondary 12V DV 12 W.
AC Input: ~230V/50Hz, DC Output: 12V-1A, 12W.
- c. Use only parts from the system.
- d. Defective wires can only be exchanged by the manufacturer or an authorized electrician.
- e. Any changes to the system void the manufacturer's warranty.
- f. LEDs can not be exchanged.
- g. For use with built-in furniture and to retrofit existing furniture.
- h. Children and persons with physical, mental or other limitations can operate this system only with proper supervision.
- i. Damaged wires can only be replaced with special wires that have to be installed by the manufacturer or an authorized electrician.
- j. Do not install this LED lighting system over a stove or cooktop.
- k. Keep water vapor, dripping water, and other liquids away from this lighting system.

I. Do not look directly into the LED.

Avoid even short term exposure to the LED.



At the end of its lifetime, the product has to be properly recycled. Do not put in regular household trash.



Check with your city about the electrical parts recycling program.

3. Technical data

Primary Power: ~100-240V/ ~50/60Hz

Secondary Power: 12V DC / 0.3 - 12 W

Class: Transformer IP 20, class II

Light: LED, non exchangeable

4. Content

Item	Description	Qty
1	Transformer 12V / 1000 mA	1
2	Clip strip with integrated LED board	1
3	Screw with knurled thumb turn and fiber	2
4	Hard wire	1
5	Film wire, self adhesive	1
6	Live hinge for hinged doors*	1
7	Flex connector male for drawers*	1
8	Flex connector female for drawers*	1
9	Film wire connector	1
10	Corner connector	1
11	Wood screws 3 x10mm	6
12	Manual	1
13	Warranty certificate	1

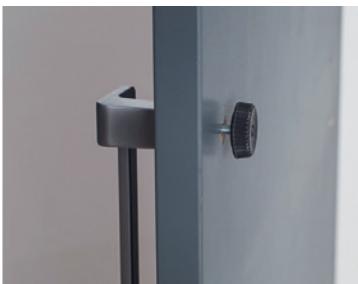
* depending on set: either 6 or 7 and 8

5. Installation

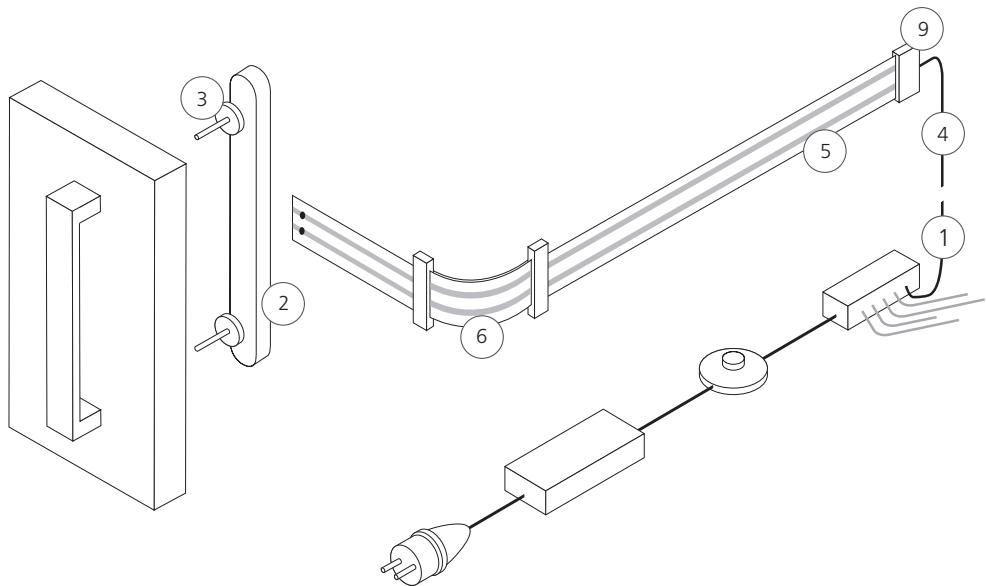
Before you start, make sure that all parts are included in this package.

You will need the template on page 11, scissors, Phillips head screw driver, power drill, 8mm drill bit.

- I. Mark the center of the panel.
- II. Line up the center mark on the panel with the center line on the template and mark position of holes.
- III. Drill holes.
- IV. Fasten the handle with the 2 screws with knurled thumb turns (Pic. 3).



Installation on hinged doors



1. Open door fully. Attach the end of the film wire with the two contacts dead center between the 2 holes (Pos. 5).



2. Attach the film wire to the panel in a straight line up to 3cm off the edge of the panel (Pos. 5). Then attach the film wire to the live hinge (Pos. 6).



3. Close the flaps of the live hinge (Pos. 6) and fasten the completely opened live hinge to the panels (Pos. 11) The door needs to stay fully opened.



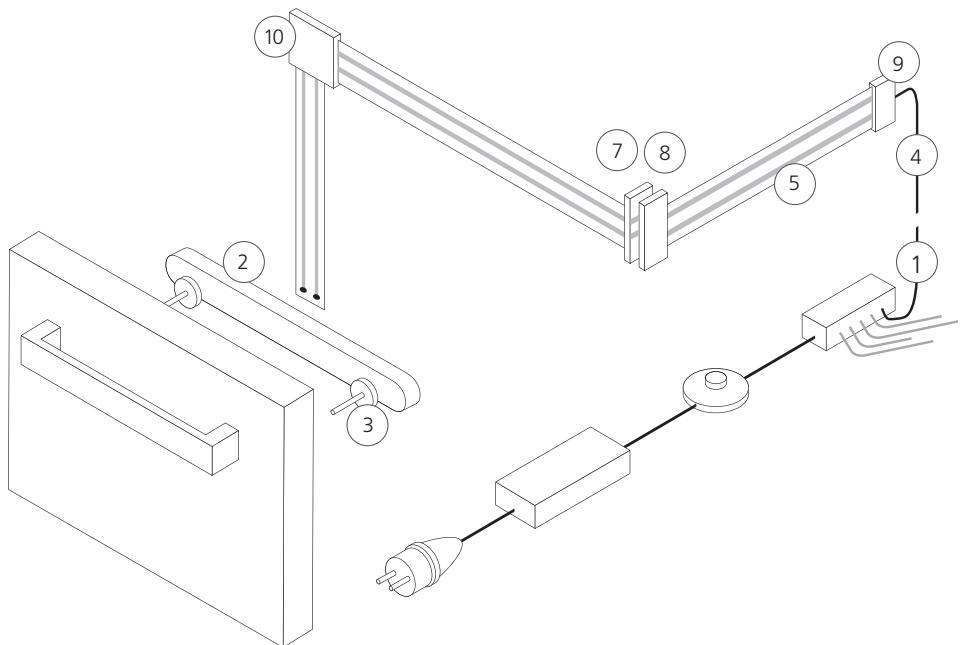
4. Attach the film wire to the side panel all the way to the back panel. Attach the film wire connector to the end of the film wire. Using a screwdriver fasten the film wire connector to the panel (Pos. 9).
5. Drill an 8mm diameter hole for the hardware into the back panel.
6. Plug the square plug of the hardwire in to the film wire connector. Feed the hardwire through the hole in the back wall (Pos. 9).



7. Connect the opposite end of the hardwire to the port for the transformer (Pos.1).



Installation on drawers



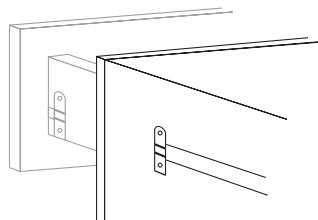
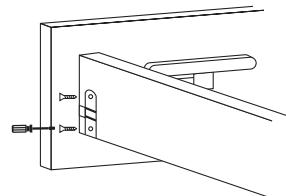
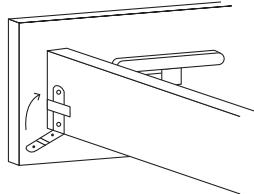
1. Remove the front panel off the drawer (see manufacturer's instructions).
2. Attach the corner connector (Pos. 10) as marked before. The corner connector needs to be positioned at the same height as the film wire, running sideways from the drawer.
3. Attach the end of the film wire with the contacts (Pos. 5) centered between the holes. The end the film wire must be at the corner of the corner connector (Pos. 10) Cut off the remaining piece of the film wire.



4. Attach the film wire to the panel up to the point of contact. Cut off the film wire 1.5" past the edge of the front panel.
5. Close the snap-on lid of the corner connector (Pos. 10). The metal connectors will establish the electrical connection.
6. Clip the LED strip (Pos. 2) on to the knurled thumb-turn screws.
7. Re-attach the drawer front to the drawer box.
8. Attach the male flex connector (Pos. 8) to the outside of the drawer by attaching the film wire to the underside of the flex connector. The open end of the male flex connector is forward facing.



9. Close the male flex connector and fasten it (Pos. 11) to the drawer. Apply some pressure so that the tips of the contacts pierce the film wire.
10. Attach the film wire to the underside of the female flex connector (Pos. 7).
11. Fasten the female flex connector to the cabinet. Make sure that the male and female flex connectors align and establish contact when the drawer is closed.
12. Attach the film wire (Pos. 5) to the side panel of the cabinet all the way to the back. Attach the film wire connector (Pos. 9) to the end of the film wire and fasten it to the cabinet.



13. Drill an 8mm diameter hole into the back panel.
14. Plug the square plug of the hardwire (Pos. 4) into the film wire connector (Pos. 9). Feed the hardwire through the hole in the back wall.
15. Connect the opposite end of the hardwire to the port of the connector (Pos.1).



6. Trouble shooting

■ **LED light not on!**

Are all parts properly connected?

Pull the plug of the film wire connector. Rotate the plug (+/-) and plug back in. (Pos.9)

Check connection of hardwire (Pos. 5) to 5-port connector.

■ **One or more LEDs is not working!**

It is not possible to exchange a single LED. The main LED board has to be exchanged.

Please contact Schwinn-Service.

See contact info below.

■ **The light is flickering!**

Are you using a dimmer?

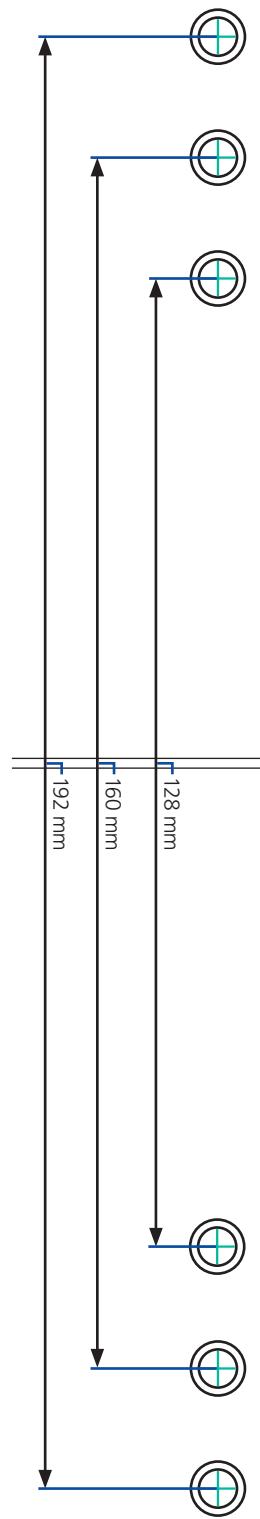
These LEDs can not be used with a dimmer.

Replace the dimmer with the available transformer with 5 ports and floor switch.

Schwinn-Service: +49 (0) 06154 6345 0



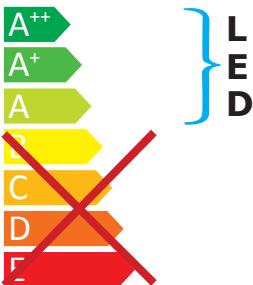
7. Template



LED lighting system for decorative hardware



This luminaire contains built-in LED lamps



The lamps cannot be changed in the luminaire.

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