WARNINGS

The added weight of the device may cause instability of a free-standing portable luminaire. Use only with a portable luminaire that is provided with shade. This lamp employs light emitting diode technology and unlike tungsten-halogen lamps DOES NOT require a barrier. The lamp is suitable for open luminaires. NOT for emergency lighting.

- Risk of fire or electric shock. LED retrofit kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- To prevent wiring damage or abrasion, DO NOT expose wiring to edges of sheet metal or other sharp objects.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for the installation of LED retrofit kit. Check for enclosed wiring and components. DO NOT make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- This retrofit kit accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having JURISDICTION.
- Installers should not disconnect existing wires from lamp holder terminals to make 6 connections at lamp holder terminals. Instead, installers should cut the existing lamp holder leads away from the lamp holder and make 6 electrical connections to lamp holder lead wires by employing applicable connectors.
- This device is NOT intended for use with emergency exits or not for emergency lighting.

CAUTIONS

- Can not use the electric generator to test the LED lamp.
- Please avoid using the LED fixture in environment where there is smoke, sulfur, and corrosive substances. But if used in such an environment, make sure the LED fixture is well protected by an enclosed lampshade whose dimension is no less than below size, and whose material is either glass or semi-glass, semi-metallic.
- Surface or the lampshade SHALL NOT have any covering which prevents heat dissipation.

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>10/12</th>
<th>15/18</th>
<th>19/20</th>
<th>24/27/30</th>
<th>36</th>
<th>45</th>
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<tbody>
<tr>
<td>Volume (CM)</td>
<td>30<em>18</em>18</td>
<td>31<em>19</em>19</td>
<td>32<em>19</em>19</td>
<td>34<em>20</em>20</td>
<td>38<em>20</em>20</td>
<td>40<em>20</em>20</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>54</th>
<th>63/75</th>
<th>80</th>
<th>100</th>
<th>120/125</th>
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<tbody>
<tr>
<td>Volume (CM)</td>
<td>42<em>21</em>21</td>
<td>47<em>21</em>21</td>
<td>42<em>23</em>23</td>
<td>44<em>24</em>24</td>
<td>44<em>26</em>26</td>
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</table>
1. Turn off the power switch.
2. Screw off the CFL or MHL or HPS and so on, see Figure (5) (6).
3. Take out LED Corn light and screw on, see Figure (1) (2) (3). Figure (1): DC internal driver. Figure (2) (3) (4): AC internal driver.
   (NOTE: Please make sure to take off the ballast before installing LED Corn light, otherwise the ballast will produce the resonance of high voltage and makes LED Corn light breakdown.)
4. If security rope provides, please fix the rope on the lamp with hand, then fix the wire of other ends on the shell, see Figure (4).
5. Turn on the power switch. (Finished!)