**Outdoor Dimming Driver**

**GE075/1050/GL**

**Description:** 75W 0.53/0.7/1.05A Dimmable Class 1 PSU

**Input Voltage:** 120-277V

**Input Frequency:** 50-60Hz

**ROHS Compliant:** Yes

### Product Features

#### Physical
- Unit must be installed within an electrical enclosure.
- Enclosure wiring must be rated to 600V & 105°C or higher.

#### Performance
- Classified as Class 1 as per UL8750.
- Dimming circuit is classified as Class 2 as stipulated in UL1310.
- Minimum ambient operating temperature: -40°C.
- Maximum allowable case temperature: 80°C.
- For reliability and failure rate information, contact GE Technical Sales Representative.
- Output current reduces if the case temperature exceeds 85°C.
- UL listed for operation in dry/damp locations (Outdoor Type 1).
- Tolerates of extended open circuit and short circuit conditions.
- Compliant to FCC Title 47 Part 15 Class A
- Surge resistance perIEEE/ANSI C62.41.2-2002 Location C-Low (6kV/3kA)
- Ground Leakage current of <= 0.4 mA

**UL Conditions of Acceptability – E340135**
- The unit has been examined to comply with Class 1 Output Criteria
- The unit is only to be used in dry or damp locations
- The metal casing must be connected to EARTH.
- TVSS-GND (Yellow wire) shall be connected to fixture ground after hi-pot test using closest tab screw. THIS IS NOT A SAFETY GROUND!
### Technical Information

**GE075/1050/GL**

**Lifetime (kHrs) vs Case Temperature (°C)**

![Graph showing lifetime vs case temperature](image)

**Iout vs. Vdim**

![Graph showing Iout vs Vdim](image)

**Efficiency vs Output Voltage @ 120V 60Hz**

![Graph showing efficiency vs output voltage](image)

**Efficiency vs Output Voltage @ 277V 60Hz**

![Graph showing efficiency vs output voltage](image)
### Technical Information

**Input Inrush Current**

<table>
<thead>
<tr>
<th>Input Voltage (Vrms)</th>
<th>Peak Current Pulse (Apk)</th>
<th>Pulse Duration (50% of Peak) (ms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>33</td>
<td>0.32</td>
</tr>
<tr>
<td>277</td>
<td>60</td>
<td>0.30</td>
</tr>
</tbody>
</table>

**Input Ground Leakage Current**

<table>
<thead>
<tr>
<th>Input Voltage (Vrms)</th>
<th>Leakage Current (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>0.14</td>
</tr>
<tr>
<td>240</td>
<td>0.29</td>
</tr>
</tbody>
</table>

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**PF vs Output Voltage @ 120V 60Hz**

**PF vs Output Voltage @ 277V 60Hz**

**THD vs Output Voltage @ 120V 60Hz**

**THD vs Output Voltage @ 277V 60Hz**
**Product Dimensions**

GE075/1050/GL

**Product Label**

**LED POWER SUPPLY**

GE075/1050/MV-GL

- (L) BLACK
- (TVSS-FGND) YELLOW
- (N) WHITE
- (+OUT) RED
- (-OUT, 0.53A) ORANGE
- (-OUT, 0.7A) YELLOW
- (-OUT, 1.05A) BLUE
- (+DIM) VIOLET
- (+DIM) GRAY

**WARNING / AVERTISSEMENT**

RISK OF ELECTRIC SHOCK

Turn power off before servicing.

Property ground power supply and fixture.

RISQUE DE CHOC ÉLECTRIQUE

Deconnectez l’alimentation électrique avant d’installer ce produit.

IMPORTANT: After HiPot test connect TVSS-FGND to fixture using the diode lab screw.

- Suitable for dry and damp locations
- tc = 80°C max

S/N: myyd dd 1

Made in China

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