

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat. #: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Quantity: \_\_\_\_\_



## FFL G2 24 Power Select | LED Lay-In

### Features:

- High performance LED technology
- Field selectable output
- 90+ CRI standard
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Frosted diffuser optimized to balance efficiency and aesthetics
- Available in a wide variety of lumen outputs for maximum flexibility
- Low profile and lightweight housing allows for easy installation
- Buy American Act compliant *(All base luminaires are BAA compliant. Addition of options may change eligibility. Contact factory for details.)*

### Applications:

- Suitable for most commercial and institutional applications
- Office
  - Retail
  - Classrooms
  - Healthcare Facilities

### Warranty:

- 5 year limited system warranty - see [www.LumenFocus.com](http://www.LumenFocus.com) for complete warranty terms and conditions

### Construction:

- Die-formed heavy-gauge cold rolled steel ballast housing with precision brake formed aluminum LED tray
- Frosted Acrylic Diffuser
- White enamel finish

### Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations



### Predicted Lifetime:

- L70: 129,000 hrs (calculated)
- L80: 81,000 hrs (calculated)
- L90: 39,000 hrs (reported)
- 85% lumen maintenance @ 60,000 hrs *(based on LM80 and insitu laboratory testing)*
- Driver: 85,000 hrs at 120V input, 100% load and 60°C/140°F case temperature



Ordering Guide:

example: FFL G2 24 SEL35 UV FA 935 EM10

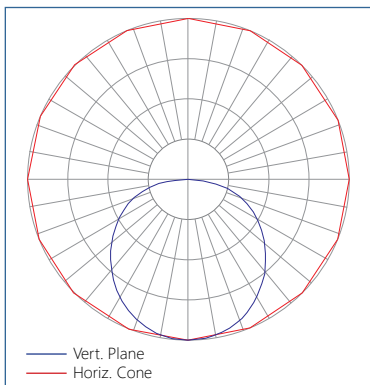
| Series                     | Size                 | Output  | Voltage              | Shielding                    | CRI/CCT  | Mounting  | Options   |
|----------------------------|----------------------|---|----------------------|------------------------------|--|---|---|
| FFL G2                     | 24                   |   | UV                   | FA                           |  |   |   |
| <b>FFL G2</b><br>FFL Gen 2 | <b>24</b><br>2' x 4' | <b>SEL15</b><br>15W Selectable Output<br><b>SEL25</b><br>25W Selectable Output<br><b>SEL35</b><br>35W Selectable Output<br><b>SEL45</b><br>45W Selectable Output<br><b>SEL75</b><br>75W Selectable Output | <b>UV</b><br>120-277 | <b>FA</b><br>Frosted Acrylic | <b>930</b><br>90 CRI/3000K<br><b>935</b><br>90 CRI/3500K<br><b>940</b><br>90 CRI/4000K<br><b>950</b><br>90 CRI/5000K | <b>Blank</b><br>None<br><b>SMK</b><br>Surface Mount Kit<br><b>FIK</b><br>Frame-in Kit | <b>Blank</b><br>No Options<br><b>W6</b><br>6' Whip<br><b>W10</b><br>10' Whip<br><b>EM6</b><br>6.5W Emergency Pack <sup>(1)</sup><br><b>EM10</b><br>10W Emergency Pack <sup>(1)</sup><br><b>EM14</b><br>14W Emergency Pack <sup>(1)</sup><br><b>F</b><br>Fuse<br><b>GC</b><br>Grid Clip<br><b>SDT(347V)</b><br>347V to 277V Step Down Transformer<br><b>AR</b><br>Plenum Ceiling Air Return<br><b>LVL</b><br>0-10V Dimming Leads for Easy Field Access<br><b>BAA</b><br>Buy American Act Compliant |

Notes

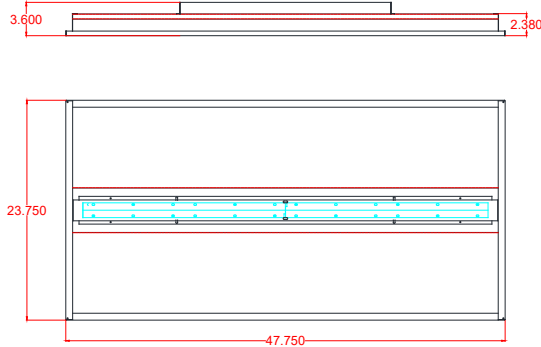
<sup>(1)</sup> 120-277V / 0°C-55°C ambient. To estimate lumen output in emergency mode, multiply EM wattage by the Lumens per Watt of the lowest output setting of the luminaire it is installed in.  
ex. FFL G2 24 SEL45 UV FA 940 EM10 → 149.6 LPW x 10W = 1,496 lm

Photometric Data:

Relative Luminous Intensity



Schematic:

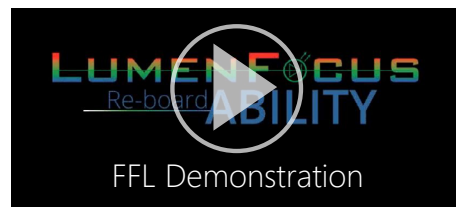


Performance Chart:

| Catalog #                 | Watts | Lumens (930) | LPW (930) | Lumens (935) | LPW (935) | Lumens (940) | LPW (940) | Lumens (950) | LPW (950) |
|---------------------------|-------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| FFL G2 24 SEL15 UV FA 9xx | 10.1  | 1449.6       | 143.5     | 1455.7       | 144.1     | 1490.2       | 147.5     | 1490.2       | 147.5     |
|                           | 11.7  | 1670.0       | 143.3     | 1677.0       | 143.9     | 1716.9       | 147.3     | 1716.9       | 147.3     |
|                           | 13.7  | 1964.5       | 143.1     | 1972.8       | 143.7     | 2019.6       | 147.1     | 2019.6       | 147.1     |
|                           | 15.3  | 2185.6       | 142.9     | 2194.8       | 143.5     | 2246.9       | 146.9     | 2246.9       | 146.9     |
| FFL G2 24 SEL25 UV FA 9xx | 14.8  | 2185.6       | 148.0     | 2194.8       | 148.6     | 2246.9       | 152.1     | 2246.9       | 152.1     |
|                           | 17.3  | 2554.0       | 147.5     | 2564.8       | 148.2     | 2625.7       | 151.7     | 2625.7       | 151.7     |
|                           | 19.9  | 2921.9       | 147.0     | 2934.2       | 147.7     | 3003.9       | 151.2     | 3003.9       | 151.2     |
|                           | 22.5  | 3288.4       | 146.4     | 3302.2       | 147.1     | 3380.7       | 150.6     | 3380.7       | 150.6     |
| FFL G2 24 SEL35 UV FA 9xx | 24.2  | 3652.8       | 150.8     | 3668.2       | 151.4     | 3755.4       | 155.0     | 3755.4       | 155.0     |
|                           | 26.8  | 4014.6       | 150.0     | 4031.5       | 150.7     | 4127.2       | 154.2     | 4127.2       | 154.2     |
|                           | 29.3  | 4372.9       | 149.2     | 4391.3       | 149.8     | 4495.6       | 153.4     | 4495.6       | 153.4     |
|                           | 31.9  | 4727.0       | 148.2     | 4746.9       | 148.8     | 4859.7       | 152.4     | 4859.7       | 152.4     |
| FFL G2 24 SEL45 UV FA 9xx | 34.9  | 5076.3       | 145.6     | 5097.7       | 146.2     | 5218.8       | 149.6     | 5218.8       | 149.6     |
|                           | 37.5  | 5420.1       | 144.4     | 5442.9       | 145.1     | 5572.2       | 148.5     | 5572.2       | 148.5     |
|                           | 40.2  | 5757.6       | 143.3     | 5781.8       | 143.9     | 5919.2       | 147.3     | 5919.2       | 147.3     |
|                           | 42.9  | 6088.1       | 142.0     | 6113.8       | 142.6     | 6259.0       | 146.0     | 6259.0       | 146.0     |
| FFL G2 24 SEL75 UV FA 9xx | 54.8  | 7898.7       | 144.0     | 7932.0       | 144.6     | 8120.4       | 148.1     | 8120.4       | 148.1     |
|                           | 60.2  | 8548.3       | 142.0     | 8584.3       | 142.6     | 8788.2       | 146.0     | 8788.2       | 146.0     |
|                           | 65.6  | 9172.8       | 139.8     | 9211.5       | 140.4     | 9430.3       | 143.7     | 9430.3       | 143.7     |
|                           | 71.1  | 9769.2       | 137.4     | 9810.3       | 138.0     | 10043.3      | 141.3     | 10043.3      | 141.3     |

LUMENFOCUS  
Re-boardABILITY

The FFL features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. [Learn more about Re-boardABILITY here.](#)



[Click here for a video demonstration of the re-boarding process on a FFL.](#)

Note: Exact time varies depending on the model.

