



# HotSpot Constant Power LED Emergency Drivers

## Lumen Reference Chart

Fulham's HotSpot Constant Power emergency drivers bring easy-to-install backup power to LED luminaires. With the emergency driver and battery combined in a single unit, this innovative emergency system can be installed in the field in minutes. The Constant Power design guarantees the desired lumen output for at least 90 minutes of emergency operation.



Choose the model that's right for you by finding the lm/W of your luminaire and your desired emergency lumen output.

| Luminaire Efficacy (lm/W) | Desired Lumen Output - Constant from Minute 1 to Minute 90 |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |              |              |  |
|---------------------------|--|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------------|--------------|--|
|                           | 400  | 500  | 600  | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  | 2400  | 2500  | 2600 | 2700 | 2800 | 2900 to 3000 | 3100 to 3700 |  |
| 80                        | 5W   | 7.8W | 7.8W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 90                        | 5W   | 7.8W | 7.8W | 7.8W  | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 100                       | 5W   | 5W   | 7.8W | 7.8W  | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 110                       | 5W   | 5W   | 7.8W | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 120                       | 5W   | 5W   | 5W   | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 130                       | 5W   | 5W   | 5W   | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | 17W   | n/a   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 140                       | 5W   | 5W   | 5W   | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | n/a   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 150                       | 5W   | 5W   | 5W   | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | 17W   | n/a   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 160                       | 5W   | 5W   | 5W   | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | 17W   | n/a   | n/a  | n/a  | n/a  | n/a          | n/a          |  |
| 170                       | 5W   | 5W   | 5W   | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W   | 17W   | 17W  | 17W  | 17W  | n/a          | n/a          |  |
| 180                       | 5W   | 5W   | 5W   | 5W    | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W  | 17W  | 17W  | 17W          | n/a          |  |
| 190                       | 5W   | 5W   | 5W   | 5W    | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W   | 17W  | 17W  | 17W  | 17W          | 17W          |  |
| 200                       | 5W   | 5W   | 5W   | 5W    | 5W    | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W   | 17W  | 17W  | 17W  | 17W          | 17W          |  |
| 210                       | 5W   | 5W   | 5W   | 5W    | 5W    | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W   | 17W  | 17W  | 17W  | 17W          | 17W          |  |
| 220                       | 5W   | 5W   | 5W   | 5W    | 5W    | 5W    | 5W    | 5W    | 7.8W  | 7.8W  | 7.8W  | 7.8W  | 10.7W | 10.7W | 10.7W | 10.7W | 10.7W | 10.7W | 10.7W | 13.7W | 13.7W | 13.7W | 17W  | 17W  | 17W  | 17W          | 17W          |  |

|  |  |   |   |   |
|--|--|---|---|---|
| <b>5W</b> FHSCP-UNV-5WL<br>FHSCPUNV5WL-CEC | <b>7.8W</b> FHSCP-UNV-7.8WL<br>FHSCPUNV7.8WL-CEC | <b>10.7W</b> FHSCP-UNV-10.7WL<br>FHSCPUNV10.7WL-CEC | <b>13.7W</b> FHSCP-UNV-13.7WL<br>FHSCPUNV13.7WL-CEC | <b>17W</b> FHSCP-UNV-17WL<br>FHSCPUNV17WL-CEC |
|--|--|---|---|---|

### Driver Specifications

|                     |  |
|---------------------|--|
| Input Voltage       | 120-277V (UNV)   |
| Output Voltage      | 20-50VDC   |
| Surge Protection    | Per C62.41 (TVS)   |
| Recharge Time       | 24 hours   |
| Ambient Temperature | 0°C - 50°C   |
| Output Type         | Class 2  |
| RFI/EMI             | FCC Part 15A Non-Consumer  |
| Illumination Time   | Minimum 90 minutes   |
| Warranty            | 5 Years  |
| Approvals           | Standard Models: UL Classified<br>CEC Compliant Models: cULus Classified |

### Product Models

| Model Number                           | Output Power (W) | Output Current (mA) | Dimensions (L x W x H) |
|--|------------------|---------------------|------------------------|
| FHSCP-UNV-5WL<br>FHSCPUNV5WL-CEC       | 5                | 100-250             | 11.5" x 2.6" x 1.5"    |
| FHSCP-UNV-7.8WL<br>FHSCPUNV7.8WL-CEC   | 7.8              | 156-390             | 15.4" x 2.6" x 1.5"    |
| FHSCP-UNV-10.7WL<br>FHSCPUNV10.7WL-CEC | 10.7             | 214-535             | 15.4" x 2.6" x 1.5"    |
| FHSCP-UNV-13.7WL<br>FHSCPUNV13.7WL-CEC | 13.7             | 274-685             | 19.2" x 2.6" x 1.5"    |
| FHSCP-UNV-17WL<br>FHSCPUNV17WL-CEC     | 17               | 340-850             | 19.2" x 2.6" x 1.5"    |