



ACE Emergency Inverter Automatic Power Share Table

The ACE LEDS ACI-H100-A1 Inverter Automatic Power Share Table

| Rated Fixture Power (W) | 25 | | | | | | 30 | | | | |
|-------------------------|-------|-------|-------|-------|------|------|-------|-------|-------|------|------|
| Number of Fixtures* | 4 | 6 | 8 | 10 | 15 | 20 | 3 | 5 | 10 | 15 | 16 |
| Dim: (%)** | 100.0 | 66.7 | 50.0 | 40.0 | 26.7 | 20.0 | 100.0 | 66.7 | 33.3 | 22.2 | 20.8 |
| Power per Fixture (W) | 25.00 | 16.67 | 12.50 | 10.00 | 6.67 | 5.00 | 30.00 | 20.00 | 10.00 | 6.67 | 6.25 |
| Light output (lm)*** | 2975 | 1983 | 1488 | 1190 | 793 | 595 | 3570 | 2380 | 1190 | 793 | 744 |

| Rated Fixture Power (W) | 35 | | | | | | 40 | | | | |
|-------------------------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|------|
| Number of Fixtures* | 2 | 4 | 8 | 10 | 12 | 14 | 2 | 4 | 6 | 10 | 12 |
| Dim: (%)** | 100.0 | 71.4 | 35.7 | 28.6 | 23.8 | 20.4 | 100.0 | 62.5 | 41.7 | 25.0 | 20.8 |
| Power per Fixture (W) | 35.00 | 25.00 | 12.50 | 10.00 | 8.33 | 7.14 | 40.00 | 25.00 | 16.67 | 10.00 | 8.33 |
| Light output (lm)*** | 4165 | 2975 | 1488 | 1190 | 992 | 850 | 4760 | 2975 | 1983 | 1190 | 992 |

| Rated Fixture Power (W) | 45 | | | | | | 50 | | | | |
|-------------------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| Number of Fixtures* | 2 | 4 | 6 | 8 | 10 | 11 | 2 | 4 | 6 | 8 | 10 |
| Dim: (%)** | 100.0 | 55.6 | 37.0 | 27.8 | 22.2 | 20.2 | 100.0 | 50.0 | 33.3 | 25.0 | 20.0 |
| Power per Fixture (W) | 45.00 | 25.00 | 16.67 | 12.50 | 10.00 | 9.09 | 50.00 | 25.00 | 16.67 | 12.50 | 10.00 |
| Light output (lm)*** | 5355 | 2975 | 1983 | 1488 | 1190 | 1082 | 5950 | 2975 | 1983 | 1488 | 1190 |

| Rated Fixture Power (W) | 60 | | | | | | 80 | | | | |
|-------------------------|-------|------|------|------|------|-------|------|------|------|------|------|
| Number of Fixtures* | 1 | 2 | 4 | 6 | 8 | 1 | 2 | 3 | 4 | 5 | 6 |
| Dim: (%)** | 100.0 | 83.3 | 41.7 | 27.8 | 20.8 | 100.0 | 62.5 | 41.7 | 31.3 | 25.0 | 20.8 |
| Power per Fixture (W) | 60.0 | 50.0 | 25.0 | 16.7 | 12.5 | 80.0 | 50.0 | 33.3 | 25.0 | 20.0 | 16.7 |
| Light output (lm)*** | 7140 | 5950 | 2975 | 1983 | 1488 | 9520 | 5950 | 3967 | 2975 | 2380 | 1983 |

| Rated Fixture Power (W) | 100 | | | | 150 | | | 200 | | 250 | |
|-------------------------|-------|------|------|------|-------|------|------|-------|------|-------|------|
| Number of Fixtures* | 1 | 2 | 4 | 5 | 1 | 2 | 3 | 1 | 2 | 1 | 2 |
| Dim: (%)** | 100.0 | 50.0 | 25.0 | 20.0 | 66.7 | 33.3 | 22.2 | 50.0 | 25.0 | 40.0 | 20.0 |
| Power per Fixture (W) | 100.0 | 50.0 | 25.0 | 20.0 | 100.0 | 50.0 | 33.3 | 100.0 | 50.0 | 100.0 | 50.0 |
| Light output (lm)*** | 11900 | 5950 | 2975 | 2380 | 11900 | 5950 | 3967 | 11900 | 5950 | 11900 | 5950 |

The maximum output power (in emergency-mode) is 250 Watts, and is defined as the maximum output power that the inverter can deliver in emergency-mode.

* The Maximum Total Load Power (in Normal-Mode) is 1000 Watts, and is defined as the maximum total normal-mode power of all connected loads while in normal-mode

** This value, expressed in percent, indicates the power level each fixture is operated at in emergency-mode relative to the fixture's rated power.

*** Lumen output values based on LED Driver Efficiency of 85%, and 140 Lm/W LED array Efficacy.

This chart assumes the proper operation of the automatic dimming control (0-10 Vdc) feature, and all connected fixtures are identical.

Note: For fixtures rated between power levels given, use the lesser power level given in the chart.

For questions or to place an order contact us at oemsales@aceleds.com or 800-375-6355 or your local WPG Americas Sales representative at inquiry@wpgamericas.com or 888-WPC8881