

ACE Emergency Inverter Automatic Power Share Table

The ACE LEDS ACI-H250-A1 Inverter Automatic Power Share Table

Rated Fixture Power (W)	30						35				
Number of Fixtures*	8	10	15	20	25	33	7	10	15	20	28
Dim: (%)**	100.0	83.3	55.6	41.7	33.3	25.3	100.0	71.4	47.6	35.7	25.5
Power per Fixture (W)	30.00	25.00	16.67	12.50	10.00	7.58	35.00	25.00	16.67	12.50	8.93
Light output (lm)***	3570	2975	1983	1488	1190	902	4165	2975	1983	1488	1063

Rated Fixture Power (W)	40						50				
Number of Fixtures*	6	8	10	15	20	25	5	10	15	18	20
Dim: (%)**	100.0	78.1	62.5	41.7	31.3	25.0	100.0	50.0	33.3	27.8	25.0
Power per Fixture (W)	40.00	31.25	25.00	16.67	12.50	10.00	50.00	25.00	16.67	13.89	12.50
Light output (lm)***	4760	3719	2975	1983	1488	1190	5950	2975	1983	1653	1488

Rated Fixture Power (W)	60						80				
Number of Fixtures*	4	8	10	12	14	16	3	5	8	10	12
Dim: (%)**	100.0	52.1	41.7	34.7	29.8	26.0	100.0	62.5	39.1	31.3	26.0
Power per Fixture (W)	60.00	31.25	25.00	20.83	17.86	15.63	80.00	50.00	31.25	25.00	20.83
Light output (lm)***	7140	3719	2975	2479	2125	1859	9520	5950	3719	2975	2479

Rated Fixture Power (W)	100						150				
Number of Fixtures*	4	6	8	10	12	16	1	2	3	4	6
Dim: (%)**	62.5	41.7	31.3	25.0	20.8	15.6	100.0	83.3	55.6	41.7	27.8
Power per Fixture (W)	62.5	41.7	31.3	25.0	20.8	15.6	150.0	125.0	83.3	62.5	41.7
Light output (lm)***	7438	4958	3719	2975	2479	1859	17850	14875	9917	7438	4958

Rated Fixture Power (W)	300					80			
Number of Fixtures*	1	2	3	4	5	1	2	3	4
Dim: (%)**	100.0	62.5	41.7	31.3	25.0	100.0	50.0	33.3	25.0
Power per Fixture (W)	200.0	125.0	83.3	62.5	50.0	250.0	125.0	83.3	62.5
Light output (lm)***	23800	14875	9917	7438	5950	29750	14875	9917	7438

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