





**ANNEX**

**12-inch light fixtures without Arctic Kit (heater)**

Fixture type – 1 cord set <sup>1</sup>	Fixture load	Isolation transformer		CCR load
		Wattage	Load	
Runway Threshold, L-850D(L), bidirectional, F-Green/red	36.6 VA	45 W	14.2 VA	50.8 VA
Runway Threshold, L-850D(L), bidirectional, red/red	46.6 VA	45 W	13 VA	59.6 VA
Runway Threshold, L-850D(L), unidirectional, F-Green	21.2 VA	25 W	6.8 VA	28 VA
Runway Threshold, L-850D(L), unidirectional, red	31.6 VA	25 W	9.5 VA	41.1 VA

**12-inch light fixtures with Arctic Kit (heater)**

Fixture type – 1 cord set <sup>1</sup>	Fixture load	Isolation transformer		CCR load
		Wattage	Load	
Runway Threshold, bidirectional, L-850D(L), F-Green/red	65.3 VA	65 W	16.2 VA	81.5 VA
Runway Threshold, L-850D(L), unidirectional, F-Green	49.4 VA	45 W	10 VA	59.4 VA

**Notes**

<sup>1</sup> Values provided are for the "S" option non-monitored power only.

**Note:**

- See user manual UM-5055 other power supplies.
- EQ fixtures:
  - The isolation transformer must have an additional 8 VA available above the fixture load for communication bandwidth. Please Transformers can be safely overloaded by 10 %.
  - Legacy BRITE II or AGLAS 2 systems — Order "M" power supply
- For fail-open fixtures:
  - The maximum rating for the isolation transformer is 200 W
- Additional voltage loss when longer secondary cables are used is not included in above table; these additional losses may result in a larger size isolation transformer requirement and must be factored into the circuit load calculation
- Additional voltage loss in primary cable is not included in above table; this additional loss will result in a higher CCR load and must be factored into the circuit load calculation
- Efficiency of the isolation transformer depends on the manufacturer of the transformer

For more information about the product, including manuals and certifications, please see the Product Center on the ADB SAFEGATE website: [www.adbsafegate.com](http://www.adbsafegate.com).