



## Radix Traffic Limited Tactile Equipment Power Consumption

The high quality and extremely reliable tactile equipment designed and manufactured by Radix Traffic Limited only require extremely low power, and are therefore highly efficient and cost effective.

The power consumption figures for each of our tactile equipments are as follows:

Model	CU/TU100	ITE200	ITE220	ITE221
<b>Typical Application</b>	Pelican & Junction Controllers	Puffin & Toucan Near Side Signal Crossings	Pelican, Junction, Puffin & Toucan Controllers	Pelican, Junction, Puffin & Toucan Controllers
<b>Supply Voltage Nominal at 50Hz</b>	230V	48V	48V	12V dc
<b>Supply Range</b>	104.4V to 253.0V	21.0V to 52.8V	21.0V to 52.8V	10.5V to 15.0V dc
<b>Power Requirement – ‘Free Run’ Condition</b>	7.8 VA	1.6 VA	2.1 VA	0.3 VA
<b>Power Requirement – ‘Stall’ Condition</b>	8.1 VA	3.5 VA	4.0 VA	1.7 VA
<b>Annual Consumption</b>	6.8 kWh	1.4 kWh	1.8 kWh	0.26 kWh

**Note 1** It is assumed that in normal use the cone will only be stalled occasionally by a pedestrian using the facility, and that the duration of the stall will be minimal since the pedestrian will begin to cross as soon as the rotation is sensed.

**Note 2** Annual consumption figures have been calculated on the basis of the cone rotating for 10% of a cycle, 24 hours a day, 7 days a week.

**Note 3** All figures are calculated at nominal supply voltage.

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