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PACEL ELECTRONICS LTD

Specification Sheet

EL Wire Inverters for 1,2,6, & 12 Metre lengths

Four new Inverters have been produced to drive EL Wire of various lengths. They all operate at around 2 kHz but have been designed to operate with different nominal lengths of EL Wire. With the appropriate lengths connected the consumption at 12 volts DC is as follows:

1 Metre Unit	008163	12 volts DC @ 22.5 mA
2 Metre Unit	008173	12 volts DC @ 44.0 mA
6 Metre Unit	008183	12 volts DC @ 96.0 mA
12 Metre Unit	008193	12 volts DC @ 167 mA

Light output in all cases is around 50-60 Cd/m² with the correct length of Wire. In practice the total length of EL Wire (the sum of all pieces connected) will determine which Inverter should be used. Use of less than the intended length will result in greater light output, but it is recommended that not less than 50% of the nominal length be used on any given Inverter. (i.e. not less than 3 Metres on a 6 Metre Inverter). The use of a greater length will result in a lower light output, but use of greater than 50% is not recommended. (i.e. not more than 9 Metres on a 6 Metre Inverter).

Base Connections for 008160/ - /190

Units type - 008160/008170/008180/008190.

