

PACEL EL INVERTER TYPE P6

This Inverter is a versatile general purpose device that will drive EL Panels up to approximately 400 sq.cm.

There are two input options:-

Pin 1

A 3-10 volt input can be applied to this pin, which gives a nearly linear response in luminance from the EL Panel.

Pin 2

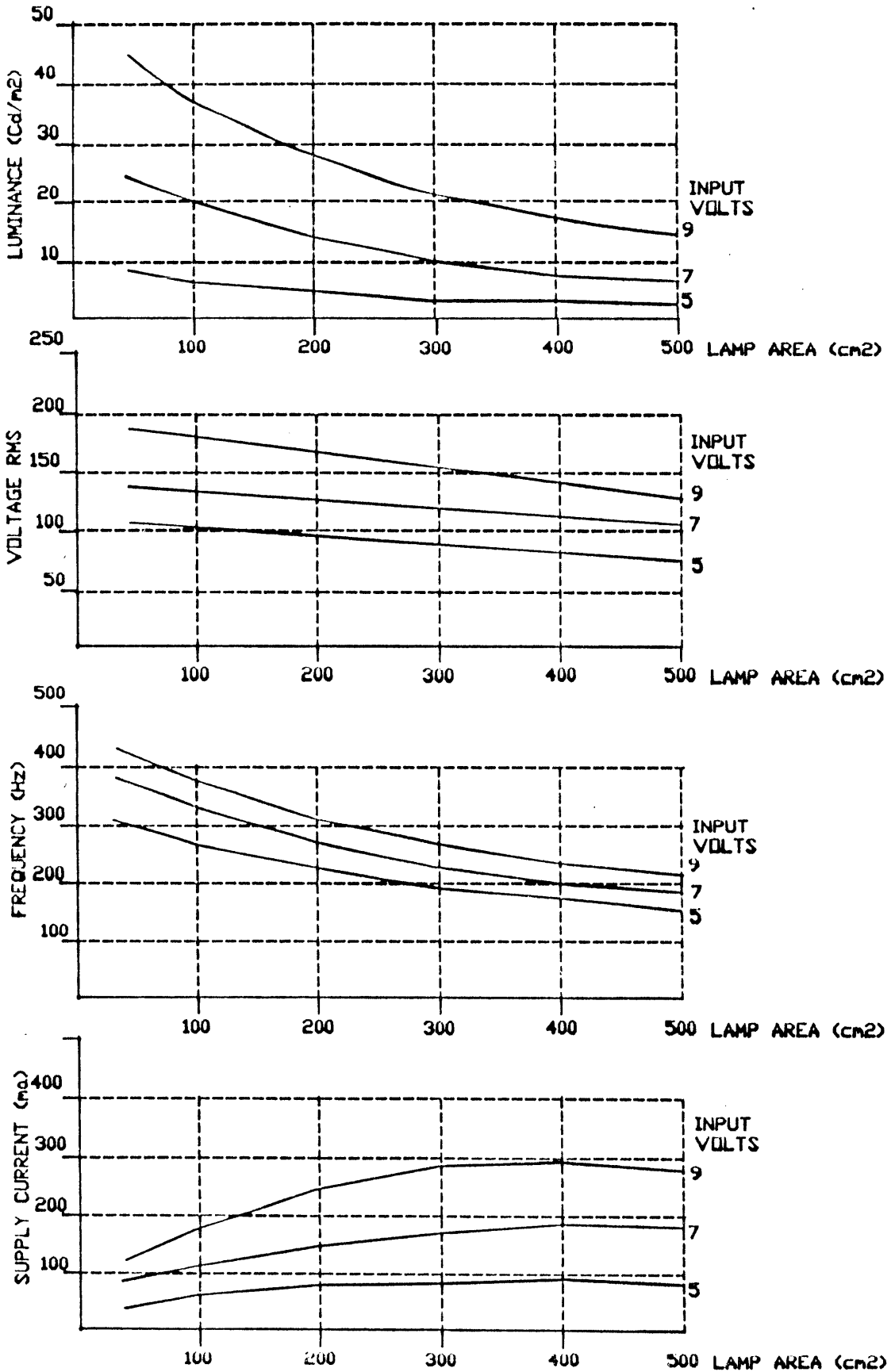
An 8-24 volt input can be applied to this pin, which is internally regulated to give an approximate voltage of 7.5 volts to the inverter.

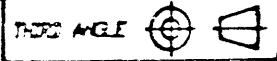
Output from the Inverter – Pins 4&5.

Depending upon the impedance presented to the inverter from the EL panel, the output voltage will vary from 50v to approximately 200v at 200-500Hz depending upon the input voltage applied to pin 1 or pin 2

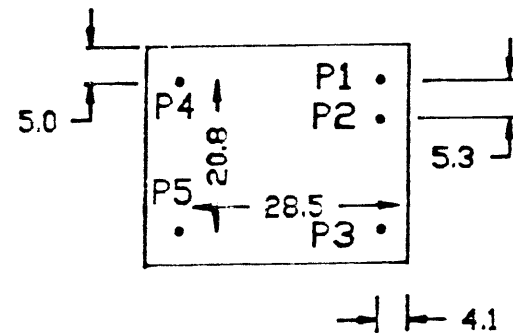
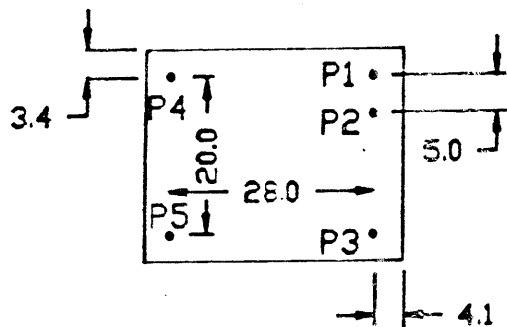
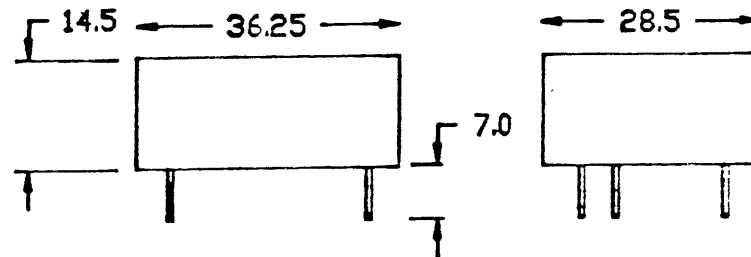
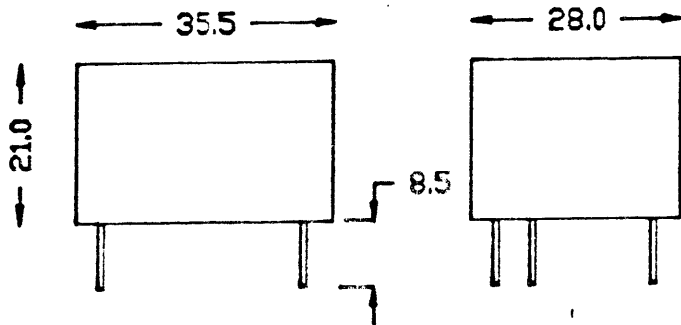
N.B. The following performance characteristics have been obtained with Pacel EL Panels as the load. EL Panels from other manufacturers are likely to present the inverter with a different impedance and hence the performance may vary.

PACEL P6 INVERTER - TYPICAL PERFORMANCE CHARACTERISTICS





PACEL P6 EL INVERTER - STANDARD AND LOW PROFILE VERSIONS



STANDARD

LOW PROFILE

KEY:

- P1 - 3-10v dc
- P2 - 8-24v dc REGULATED SUPPLY
- P3 - COMMON
- P4&P5 - AC OUTPUT

FOR ELECTRICAL CHARACTERISTICS SEE
 PACEL PUBLICATION PEDG100-3
 'A COMPLETE DESIGN GUIDE TO
 ELECTROLUMINESCENCE'

DATE	ISS	DRWN	CHK	APP

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DRAWN	CUSTOMER
APPROVED	
CHECKED	
SCALE	TOL
DIMENSIONS IN MM.	

DWG.No P0475