

EL Inverters

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EL Inverters suitable for the Visipoint EL Lamp range take two main forms, surface mount chip and transformer style. Chip style inverters are good for small el panels and designs that require very compact electronics. Transformer based solutions are more suitable for larger panels where size is not a major concern.



SMD Chip Style Inverters

There are two main manufacturers of the chip style inverters. Both manufacturers designs require a small inductor to achieve the high voltage required by EL Lamps. These inverters are only suitable for small EL Lamps up to around 15cm², though this size constraint depends on the panel design and how the panel is segmented.

For more information please visit the following websites:

Sipex Corporation - www.sipex.com

IMP Inc. - www.impweb.com



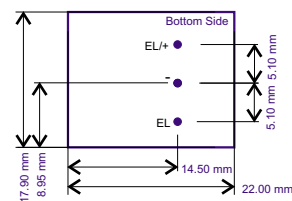
Transformer Style Inverters

We are able to supply you directly with transformer based Inverters. The two most common inverters in this category are listed below. If they will not fulfill your requirement please call us as we have an extensive range of transformer based options.

Order Code: ELI1030



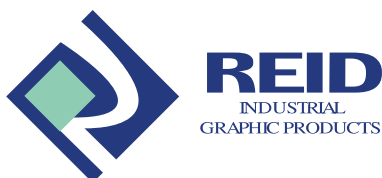
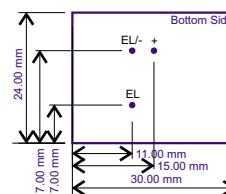
Description	Acceptable	Maximum
Input Voltage	12-24 VDC	12-24 VDC
Lamp Lit Area	100cm ²	150cm ²
Storage Temp	-20°C to +70°C	-
Operating Temp	-10°C to +55°C	-
Maximum Consumption	-	40mA
Size	16.5mmH x 17mmW x 22.1mmL	



Order Code: ELI1040



Description	Acceptable	Maximum
Input Voltage	5 VDC	9 VDC
Lamp Lit Area	150cm ²	200cm ²
Storage Temp	-20°C to +70°C	-
Operating Temp	-10°C to +55°C	-
Maximum Consumption	-	140mA
Size	17mmH x 24mmW x 30mmL	



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