



ZEDA

Vizion enabled WiMAC LED DRIVERS



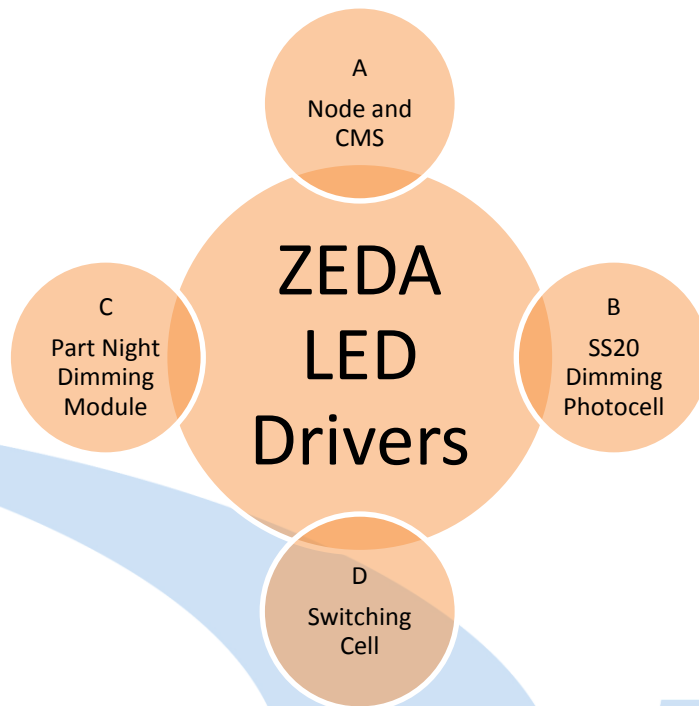
ZEDA - Vizion enabled WiMAC LED DRIVERS

350mA, 500mA & 700mA The ZEDA LED driver integrates Vizion with the latest LED technology. The power factor corrected class II driver has a SELV equivalent output delivering up to 62W of power (depending on the model). The high efficiency design ensures low temperature operation and long life. All ZEDA drivers are open and short circuit protected and have self-resetting over temperature trip.

Long Description	WiMAC Enabled Single Output 350 mA 88v 44 watts Driver	WiMAC Enabled Single Output 500 mA 58v 38 watts Driver	WiMAC Enabled Single Output 700 mA 88v 60 watts Driver
Mains Input Voltage	220v to 240v ac RMS Nominal		
Main Freq	47 to 63Hz		
Power Factor at Full Load	>0.9 typically		
Typical Full Load Efficiency	87%	88%	88%
Mains Surge Protection	4kV common-Mode 2kV differential		
Input-Output Isolation	3.75kV ac rms		
Ambient Temperature Range	-25°C to 50°C		
Maximum Tc Temperature	80°C		
Humidity	95% max non-condensing		
Thermal Trip	110°C self resetting		
Maximum Output Power	31W	44W	62W
Output Current	350mA	500mA	700mA
Number of Output Channels	1	1	1
Output Current Accuracy	5%		
LED string voltage	44 to 88V		
Dimming	25% to 100%	25% to 100%	25% to 100%
Off mode power	1.5W when connected to Vizion Node		
Enclosure	Orange Polycarbonate UL94-V0 rated		
Dimensions	see diagrams		
Terminal Blocks	Rising Clamp 5mm pitch 0.5 to 1.5mm ²		
Wire Size			
Weight	218.5		
	EN61347-2-13 EN61000-3-		

ZEDA – Future proof Vizion enabled WiMAC LED DRIVERS

The ZEDA driver sits at the centre of your control options. The drivers can be controlled by a standard photocell, a dimming photocell (SS20), a Part Night Dimming Module (plugged into the WiMAC port) or a Vizion CMS node. This gives the user the flexibility to use the driver in a number of different and upgradeable ways.



Possible Configurations for controlling the WiMAC enabled ZEDA drivers

Configuration A

Ballast Node and Full CMS. Plug in a Ballast Node into the WiMAC port of the ZEDA driver and you have full CMS monitoring and control capabilities. The node fits through the 20mm hole in the lantern canopy.

Configuration B

SS20 Dimming Cell. Plug in a SS20 cell into the WiMAC port of the ZEDA driver and you have pre programmed dimming to the users specification

Configuration C

Part Night Dimming Module. Plug in the small dimming module into the WiMAC port of the ZEDA driver and you have pre programmed dimming to the users specification without having to change your photocell. Also useful for group switched circuits.

Configuration D

Standard Switching Photocell. Simply control the driver via a photocell or group switched circuit.