

Ballast Code	Type	Lamp Types
V100SSB126-SD	SWITCHED DIMMING	100W QUARTZ, CERAMIC, HPS

Electrical Data

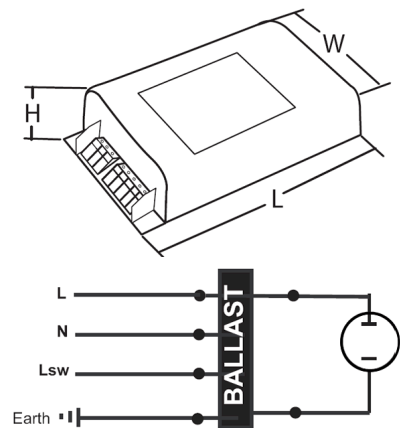
Actual Lamp Power (W)	100			
Circuit Watts (W)	110			
Dimmed Power Level	FACTORY SET SEE NOTE 7	67%	50%	35%
Dimmed Lamp Power (W)		67		
Dimmed Circuit Watts (W)		74		
Input Voltage (V)	110 - 120 \pm 10%	Lamp Waveform	Square Wave	
Input Frequency (Hz)	50 / 60	Lamp Operating Frequency (Hz)	160	
Input Current (A) @ 120V	0.91	Voltage Ignition (kV)	2.5	
Power Factor	>0.95	Maximum Cable Capacitance (pf)	2500	
Total Harmonic Distortion (THD) %	<10	Internal Data Logging	No	
Max Ballasts per C16A Circuit	14			

Safety / Thermal Requirements

Short Circuit Protection	Yes	Maximum Case Temperature ($^{\circ}$ C)	80
Continuous Open Circuit	Yes	Maximum Ambient Temperature ($^{\circ}$ C)	50
Thermal Protection with Auto Reset	Yes	Minimum Ambient Temperature ($^{\circ}$ C)	-40
End of Lamp Protection	Yes	Ignition Cut-Out Time	

Physical Data / Requirements

Termination	Type	Gripwire
	Size (mm ²)	0.75 - 2.5
	Length (mm)	Not Applicable
Case Type	Aluminium	
Length x Width x Height (mm)	144 x 91 x 37	
Fixings (mm)	130 - 135 x 73 - 78	
Weight (g)	425	
Conformal Coating	Yes	
IP Rating	IP20 - NOTE 6	



Additional Information

NOTE 6 - CONFORMALLY COATED, SUITABLE FOR EXTERNAL FIXTURES

NOTE 7 - Switch dimming ballast; operated by mains supply signal (no current drawn by ballast using this connection) applied to the LSW terminal will set ballast at full power and when this mains signal is removed (LSW open circuit) lamp operates at 70% of rated power.