

Ballast Code	Type	Lamp Types
VYB050255	STANDARD	50W QUARTZ, CERAMIC, HPS

## Electrical Data

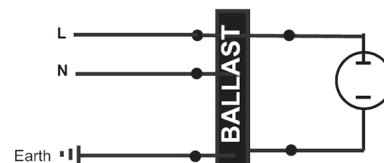
Actual Lamp Power (W)	50			
Circuit Watts (W)	56			
Dimmed Power Level	NOT APPLICABLE	67%	50%	35%
Dimmed Lamp Power (W)				
Dimmed Circuit Watts (W)				
Input Voltage (V)	220 - 240 ±10%	Lamp Waveform		Square Wave
Input Frequency (Hz)	50 / 60	Lamp Operating Frequency (Hz)		200
Input Current (A) @ 240V	0.24	Voltage Ignition (kV)		3.5
Power Factor	>0.95	Maximum Cable Capacitance (pF)		50 - SEE NOTE 5
Total Harmonic Distortion (THD) %	<10	Internal Data Logging		No
Max Ballasts per C16A Circuit	40			

## Safety / Thermal Requirements

Short Circuit Protection	Yes	Maximum Case Temperature (°C)	90
Continuous Open Circuit	Yes	Maximum Ambient Temperature (°C)	50
Thermal Protection with Auto Reset	Yes	Minimum Ambient Temperature (°C)	-20
End of Lamp Protection	Yes	Ignition Cut-Out Time	

## Physical Data / Requirements

Termination	Type	Gripwire
	Size (mm <sup>2</sup> )	0.75 - 1.5
	Length (mm)	Not Applicable
Case Type	NOTE 2	
Length x Width x Height (mm)	109 x 72 x 31	
Fixings (mm)	95-98 x 56-60	
Weight (g)	470	
Conformal Coating	None	
IP Rating	IP20 - SEE NOTE 3	



## Additional Information

NOTE 2 - POWDER COATED MILD STEEL  
 NOTE 3 - FOR INTERNAL USE ONLY  
 NOTE 5 - MAXIMUM CABLE CAPACITANCE TO LAMP 50pF = APPROX 0.5M