Harvard
ENGINEERING PLC
ELECTRONICS ENGINEERS & MANUFACTURERS

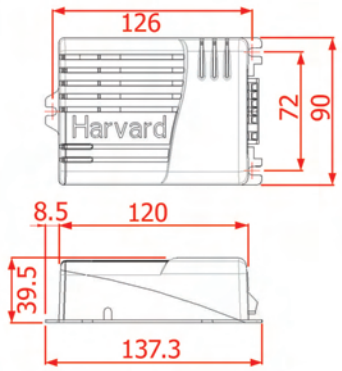
IDD - Intelligent Digital Drive

- Fast start
- Compact and lightweight
- ENEC approved
- Microprocessor controlled
- Versions available with remote operation up to 25m
- Ignition voltage <2,5kV
- Compatibility with standard Wieland type connectors
- Accepts 0.75mm^2 to 2.5mm^2 solid and stranded cable
- Available in 120V to special order

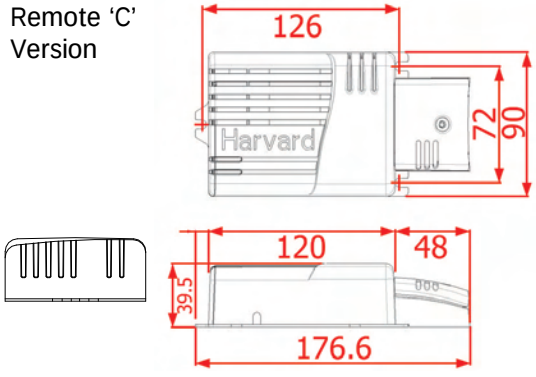
Technical Specification

Part number	IDD20-240-B IDD20-240-C	IDD35-240-B IDD35-240-C	IDD70-240-B IDD70-240-C
Power Rating	20W	39W	70W
Power consumption	24W	43W	77W
AC voltage range	200-265V		
Mains frequency range	AC45-65Hz		
Power factor	>0.95		
Ignition voltage	2.5kV Peak		
Nominal lamp operating frequency	160Hz		
Lamp current waveform	Square Wave		
Max. distance from lamp (max. cable capacitance)	10m**	25m**	
Max. case temperature Tc	75ºC		
Ambient temperature range	-20ºC to +50ºC		
Weight	202g		245g
Max. number of ballasts per C 16A circuit breaker	45		35
Safety standard compliance	EN61347-2-12:2005 EN61000-3-2:2000 EN61000-3-3:2001 EN61547:2000		

Integral 'B' Version



Remote 'C' Version



**Harvard HID ballasts employ a unique lamp striking method which allows the lamps to be mounted further away from the ballast than with conventional gear or any other type of electronic ballast. If you ensure the cable capacitance is within the limit specified, you will be able to achieve reliable starting at extended distances. The cable must be 2 core and earthing to the lamp head/luminaire should be routed separately to the lamp wires. Consult factory for approved cable specification

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