

HID Indoor Nano Digital Drive - NIDD

Harvard

Designed and manufactured in the UK



The lighting solution for commercial environments



Miniature ballast, ideally suited for track spot lights

- Compatible with CMH and HCI lamps
- Compact and lightweight
- Ignition voltage $\lt; 2.5\text{kV}$
- Lamp-ballast distance can be up to 5m
- Microprocessor controlled
- ENEC approved (pending)
- Input/Output = 0.75mm^2 to 2.5mm^2 cable terminal block

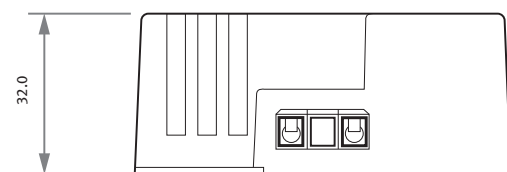
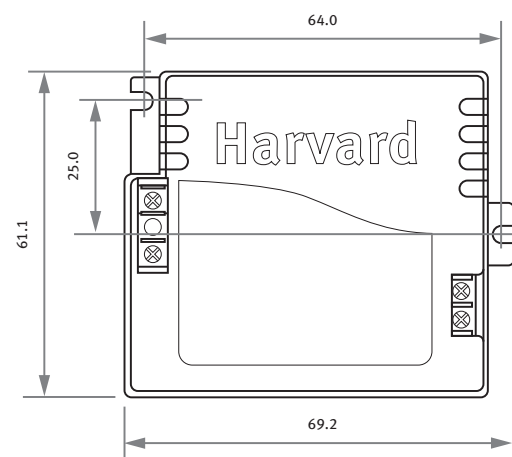


Lamp compatibility

CMH / T / TC / Supermini / MR16, CDM / T / TC / Tm / R, HCI / T / TC / Tf

Technical Specification

Part Number	NIDD20-240-B
Power Rating	20W
Power consumption	24W
AC voltage range limit	200V - 265V
Mains frequency range	47-63Hz
Power factor	>0.95
Ignition voltage	2.5kV PK
Nominal lamp operating frequency	200Hz
Lamp current waveform	Square Wave
Max. distance from lamp (max. cable capacitance)	5m** 1nF
Max. ambient temperature T_a	50°C
Max. case temperature T_c	75°C
Ambient temperature range	-20°C to + 50°C
Weight	100g
Max. number of ballasts per C 16A circuit breaker	45
Safety standard Compliance	EN61347-2-12



**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](#)

www.HarvardEng.com

Harvard Engineering plc Tyler Close Normanton Wakefield WF6 1RL UK

Tel: +44 (0)113 383 1000 Fax: +44 (0)113 383 1010