



Product Specification Sheet

DMX 80V Power Supply



A DMX controlled electronic, variable voltage power supply for use with 1200W 80V high performance lamps in the Pacific profile range and the Rama 175 High Performance Fresnel.

The direct mains power supply removes the need for a dimmer while delivering the 80V, high output, high colour temperature of the tungsten halogen lamps, originally developed for Selecon, favoured by lighting designers and operators alike. The power supply fits into industry distribution systems for moving lights i.e. a mains power circuit and DMX network.

Along with the convenience, performance advantages, energy saving and reduction in luminaire size and weight Selecon's 80V DMX Power Supply allows for significant capital cost savings on a venue's permanent dimming and air conditioning systems. While for temporary production installation the DMX Power Supply delivers the performance and control of a fixed luminaire using the same cable and control distribution as for a moving light removing the need for dimmers and associated multi core cables saving both money and time.

Features

Luminaires that deliver brighter, whiter beam, colours are more vibrant, contrasts are enhanced.

Energy reduction of up to 50% as the 1200W 80V lamp delivers the output of traditional mains voltage 2.5kW / 2.0kW profile in the Pacific range while the Rama 175 High Performance Fresnel delivers a beam with the appearance of a 2000W Fresnel.

More luminaires can be mounted on the lighting bar, safer to use, as 80V luminaires are significantly smaller and lighter than 2.5 / 2.0 kW luminaires.

Saves rigging time and removes the need for separate dimmers as it fits into existing moving light distribution systems.

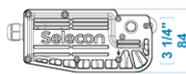
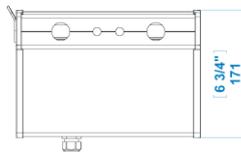
Specifications and Size

Power Input: 220V – 240V; 6 Amps

Power Output: 0 – 80V, 1200W

DMX: to USITT DMX-512 specification; in / out 5-pin XLR connectors; termination switch; LED indicator

Construction: extruded channel with GF nylon ends



Weight: 3.8 kg approx.

Approvals

CE; EMC compliant

Mounting

Can be mounted either end to the top (DMX address can be inverted) on the luminaire yoke or on the lighting bar adjacent to the luminaire.



For permanent installations we recommend mounting the power supply to the lighting bar.



The Selecon 80V DMX Power Supply is a high frequency power supply designed to supply 80V to the lamp using the cable fitted to the Pacific lamp module or to the Rama luminaire.

M12 for mounting of G type Hook Clamp or Half Coupler at either end of the supply.

Lamps

Philips

6980Z 80V 1200W, 300 hours average life

GE

0C1200 80V 1200W, 300 hours average life

Osram

CP 110 80V 93723

Order codes

18DMX80VPS

80V independent variable output power supply; DMX control for the Pacific range and the Rama 175 HP Fresnel 80V model luminaires

Selecon reserves the right to change the specifications without notice (03/09).