

LSS



Shuttledimmer Sine Wave 3kW

The LSS *Shuttledimmer Sine Wave 3kW* is a sine wave dimmer in a compact shuttle dimmer design and 3kW power output. With a completely passive cooling via the generously sized ribs and the slim dimensions, it is particularly suitable for decentralized lighting concepts in the professional theatre and studio operation.

As a sine wave dimmer the LSS *Shuttledimmer Sine Wave 3kW* works with sinusoidal output current. This prevents feedbacks in the power grid and there is no annoying noise.

The LSS *Shuttledimmer Sine Wave 3kW* has been developed for the operation of resistive, inductive and capacitive loads. Capacitive loads must not exceed the value of 10uF. The starting current is limited to 20A, so that the lifetime of ohmic light sources is increased significantly.

With a linear and a quadratic dimming curve the LSS *Shuttledimmer Sine Wave 3kW* is equipped with the two most widely used curves for dimming of lamps. These can be set directly on the device.

The LSS *Shuttledimmer Sine Wave 3kW* is controlled by DMX512.

Technical specifications:

Connectors	Mains supply: Neutrik powerCon Load supply: Neutrik powerCon DMX-Input: 5pin XLR, female DMX-THRU: 5pin XLR, male
Current supply	180-250V / AC; 50/60Hz
Nominal current	14A (eff., @230V ~)
Power Output	3 kW
Power factor	$\cos\varphi \approx 0,98$
Efficiency	Ca. 0,96
Control	DMX512-A (ANSI E1.11)
Load supply	0-250V voltage control (limited to actual supply voltage)
Current characteristic	sinusoidal
Current limiting	20A
Dimming	Range 0 - 100% of supply voltage
Dimming curves	linear, quadratic, on/off
Operating temperatures	-20° to +50°C
Protective Rate	IP 20
Weight	5,0kg
Dimensions (W x L x H)	173 x 330 x 127mm
Order number	BS 13900002