

JLX6

WIRED LIGHTING BAR SYSTEM



DESCRIPTION

The Jands JLX6 is a modular pre-wired lighting bar system featuring a central load-bearing extrusion with punched aluminium side panels, providing 2 segregated wiring compartments. The JLX6 is suitable for fixed or portable applications.

A strut style channel at the top and bottom of the duct allows a variety of fixing methods including fly wires, chain motors, hook clamps or fixed support points.

Multiple JLX6's can be joined and the top mounted cable management system allows cables from adjacent JLX6's to be routed along the top of the adjacent bar.

Each JLX6 is supplied as a 2.35m long duct with an underslung 2.95m long aluminium 48.4mm OD rigging bar.

Six (6) 10A pre-wired 230V outlets are provided at 400mm centres along one side of the duct, extending to six (6) 3 pin 10A plug tails via a 18m multicore cable

Additional power circuits, DMX, ethernet and other services can be provided to extend the flexibility of the JLX system.

The Jands JLX6 lighting bar is designed and built to comply with the requirements of AS3100 and AS4991.

OVERALL SPECIFICATIONS

- Overall Length : 2350mm (Duct) 2950mm (Bar)
- Depth : 135mm
- Height : 325mm (without installation kit)
- Height : 386/424/490mm (F/P/B kits)
- Weight (bar only) : 25kg
- Weight (incl cable) : 34kg
- Shipping Weight : 63kg

FEATURES

- Proprietary extruded aluminium spine for strength (Registered Design No. 302249)
- Durable construction & black low sheen finish
- Supplied with six (6) 10A outlets, rigging bar, 18m multicore cable with 3-pin 10A plug tails, top mounted cable management clips and a choice of installation kits (specified when ordering)
- Strut style channels top & bottom for flexible rigging
- Working Load Limit of 250kg
- Compatible with Jands WM range of patch panels
- Multiple JLX6 bars can be daisy chained

OPTIONS

- Installation options including flying, pipe and scenery batten attachment kits.
- "Roobar" Rollcage for ease of transport and storage
- Retrofit DMX cabling and outlet kit.
- Top mounted cable ladder available for winched bars.
- Custom cabling and outlet configurations to order.

ORDERING INFORMATION

MODEL/PART	PART NUMBER
JLX6 lighting bar without installation kit	JND-JLX6
JLX6 lighting bar with flying installation kit	JND-JLX6F
JLX6 lighting bar with pipe installation kit	JND-JLX6P
JLX6 lighting bar with batten installation kit	JND-JLX6B
Roobar rollcage for JLX lighting bars	JND-JLX-ROO
DMX wiring kit for JLX lighting bars	JND-JLX-DMX



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Jands Pty Ltd 40 Kent Road Mascot NSW 2020 Australia

Specifications subject to change without notice. Manufactured by Jands Pty Ltd ABN 45 001 187 837.
Note: While all due care and attention has been taken in the preparation of this document, Jands Pty Ltd shall not be liable for any inaccuracies or omissions which may occur therein

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ARCHITECT'S & ENGINEER'S SPECIFICATION

Mechanical

The lighting bar shall be constructed from an extruded aluminium spine with punched aluminium side panels and profile cut aluminium end panels. The top and bottom of the extruded aluminium spine shall be formed so that fixings can be made to the extrusion using industry standard channel nut or channel stud fixings. Longitudinal channels shall permit end plates and side panels to be attached using self threading screws, eliminating the need for nuts, bolts or nut-strips.

The lighting bar shall accommodate a Uniform Distributed Load of 100kg/m, a Point Load of 100kg, a Torsional Load of 20kg.m, and an overall Working Load Limit of 250kg with the supplied 3m barrel.

The lighting bar shall be 2.4m in length and shall incorporate a 3m long underhung 48mm OD lighting barrel.

The lighting bar shall be available with a variety of mounting options to permit it to be flown directly from rigging wire ropes or to be attached to a 100 x 75 theatrical scenery batten or a 48mm OD pipe.

A top mounting cable management facility shall facilitate management of cables from adjacent lighting bars.

Optional, removable end mounted brackets shall permit ease of storage, handling and transport.

The lighting bar shall be designed and tested for use as a Lifting Beam to AS4991:2004.

Electrical

The lighting bar shall be fitted with six (6) surface mounted unswitched 230V/10A single phase socket outlets spaced equally on one side.

The socket outlets shall connect to six (6) 10A/230V single phase 3 pin plugs on 0.5m tails via an 18m long captive multicore cable.

Plugs and sockets shall comply to AS3112:2000

The multicore cable shall be rated for six (6) simultaneous loads of 10A, after multiple circuit derating, in accordance with AS3008.1.1:1998 and shall incorporate a discrete full size earthing conductor per circuit.

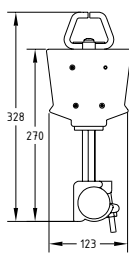
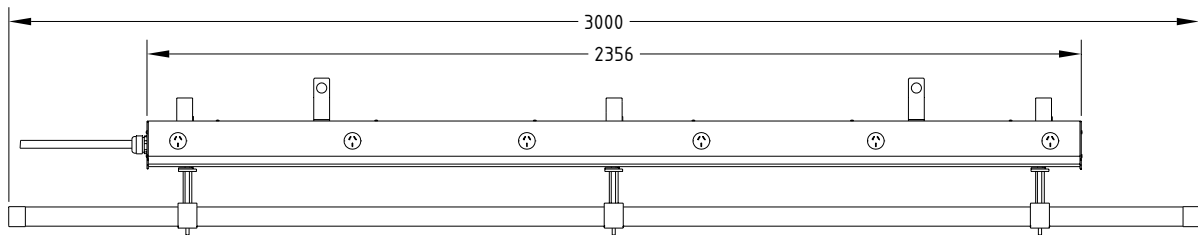
Individual circuit earths shall be bonded to the steel side panel by means of a crimped ferrule and machine pressed threaded stud and the steel side panel shall have an equipotential bond to the aluminium spine.

Earth bonds shall be arranged such that disconnection of any individual circuit plug shall not compromise the earthing arrangement of the entire lighting bar.

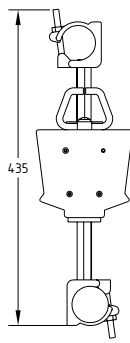
The lighting bar shall be designed and tested to comply with the requirements of AS3100:2002

An optional DMX wiring kit shall enable DMX control data to be reticulated on the bar while maintaining full electrical segregation.

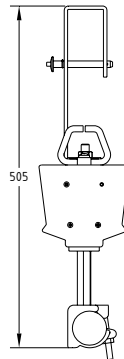
The Lighting Bar shall be the Jands JLX6.



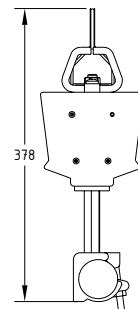
JND JLX6



JND JLX6P



JND JLX6B



JND JLX6F

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