



**Permit No.
2061/9658**



SANS/IEC 60598-2-1

A heavy duty luminaire designed to be used in areas subject to physical abuse with a view to vandalize and destroy. Vandal resistant screws require a special tool. Do not use outdoors.

Applications:

Suitable for use in Prison Cells, Subways, Railway Stations, Magistrates Court, Police Station Holding Cells, Covered Walkways

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Body: Manufactured from cold rolled sheet metal of minimum thickness 0.8 mm gauge.

Frame: Fabricated and epoxy powder coated, with fitted gasket.

Gear Tray: Manufactured from 0.8 mm gauge cold rolled sheet metal, formed to give the best light distribution.

Lens: 4 mm thick clear polycarbonate lens, with internal rib to limit glare. Mechanically fixed into and then sealed into the fabricated frame. The combination is designed for impact strength, and appearance.

Construction: The body is formed from sheet steel with end caps welded into place with a continuous weld. Corners are rounded to eliminate sharp edges. The body is about 80 mm deep and is straight sided, to prevent finger holds. The body has provision for a 20 mm rear entry. The gear tray support brackets act as reinforcing for the mounting bolts to prevent distortion. Both the frame and body are welded and the corners rounded. Eight captive vandal resistant round headed screws are arranged four per side in the 36 W version, five per side on the 1.5 m version and three per side on the 18 W light fitting. The frame pulls tightly against the body, compressing the

sealing gasket to prevent the insertion of any foreign objects. The lens is bonded into the frame and clamped along four sides. The gear tray is secured to the body with tamper resistant captive screws, and is suspended from the body by two cords for maintenance. Control gear is SABS approved. Two circuits are used when the night light is wired into the circuit which is separately compensated. The control gear tray has a male/female terminal block i.e. a quick disconnect system if the gear tray requires changing. Incoming wires are connected into a terminal block with clamping plates which prevent wire damage.

Paint Finish: White epoxy powder coated and in accordance with SABS specifications.

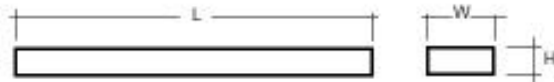
SABS Certification: This range of light fittings has been tested as complying with SABS/IEC 60598 the Safety Specification and is marked as such.

Dimensions: All lamp configurations are housed in the body to match the lamp wattage.

Photometrics: Available on request.

Bulkhead: Wired with two 11 W chokes and power factor corrected.

Control Gear: Either electronic or Switch Start



Catalogue Numbers	LAMPS (W)	Dimension (mm)			System Wattage (W)	Starting Current (A)	Power Factor
		W	L	H			
WVB 211 W CFL	2x11 W	200	355	90	35 W	0.18	0.90
WVB 218 W	2x18 W	200	686	90	52 W	0.24	0.93
WVB 218 W NL	2x18/1x9 W CFL	200	686	90	60 W	0.28	0.92
WVB 136 W	1x36 W	200	1300	90	41 W	0.19	0.93
WVB 236 W	2x36 W	200	1300	90	89 W	0.41	0.93
WVB 236 W NL	2x36/1x9 W CFL	200	1300	0	98 W	0.45	0.92
WVB 158 W	1x58 W	200	1600	90	63 W	0.29	0.93
WVB 258 W	2x58 W	200	1600	90	156 W	0.71	0.93
WVB 258 W NL	2x58/1x9 W CFL	200	1600	90	165 W	0.75	0.92