



A heavy duty luminaire based on the **JB** Polycarbonate diffuser with sheet steel fabricated body and lens frame. Vandal resistant screws require a special tool.

**Permit No.  
2061/9658**



**SANS/IEC 60598-2-1**

**Applications:**

Suitable for use in Prison  
Cells Subways  
Railway Stations  
Magistrates Court Holding Cells  
Police Station Holding Cells  
Small factories with low mounting  
heights, or Covered Walkways

|   |  |  |  |   |
|---|--|--|--|---|
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|---|--|--|--|---|

**Body:** Manufactured from cold rolled sheet metal of minimum thickness 0.8 mm gauge. Frame: Fabricated to fit selected diffusers.

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

**Lens:** 1.2 mm thick clear polycarbonate lens, with internal linear prism to limit glare. 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 45 mm deep and is straight sided, to prevent finger holds. The body has provision for a central 20 mm rear entry. The gear tray support brackets act as reinforcing for the sides prevent distortion. Both the frame and body are welded and the corners rounded. Twelve captive vandal resistant round headed screws are arranged five per side and one at each end in the 36 W version, six per side on the 1.5 m version, and four 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 an internal body support prevents the lens being compressed. 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 Switch Start or electronic of a proven brand. 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.

**T5 Lamps:** The gear tray is designed to accommodate 16mm T5 fluorescent lamps.

**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.

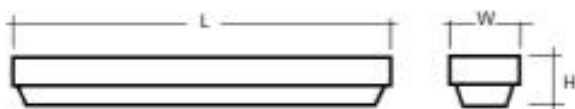
**Dimensions:** All lamp configurations are housed in the body to match the lamp wattage.

**Photometrics:** Available on request.

**Night Light:** Available on request. **Control**

**Gear:** Either electronic PF .98; or Switch

Start PF .93



| Catalogue Numbers | Lamps            | Dimension (mm) |      |     | System Wattage (W) | Starting Current (Amps) |
|-------------------|------------------|----------------|------|-----|--------------------|-------------------------|
|                   |                  | W              | L    | D   |                    |                         |
| NCP 218 W         | 2x18 W           | 200            | 740  | 115 | 52 W               | 0.24                    |
| NCP 218 W/NL      | 2x18 W/1x9 W G23 | 200            | 740  | 115 | 60 W               | 0.28                    |
| NCP 136 W         | 1x36 W           | 200            | 1340 | 115 | 41 W               | 0.19                    |
| NCP 236 W         | 2x36 W           | 200            | 1340 | 115 | 89 W               | 0.41                    |
| NCP 236 W/NL      | 2x36 W/1x9 W G23 | 200            | 1340 | 115 | 98 W               | 0.45                    |
| NCP 158 W         | 1x58 W           | 200            | 1640 | 115 | 63 W               | 0.29                    |
| NCP 258 W         | 2x58 W           | 200            | 1640 | 115 | 156 W              | 0.71                    |
| NCP 258 W/NL      | 2x58 W/1x9 W G23 | 200            | 1640 | 115 | 165 W              | 0.75                    |