

# Technical Data Sheet

## 2G11 LED Stick Light

CDPD250  
Issue 4

### Product Overview

- Rolling Stock Compliant (EN50155)
- Replaces PLL Fluorescent lamps.
- High reliability LED and driver technology.
- Built in drive electronics for direct connection to power source.
- Significant energy savings.
- Zero maintenance costs.
- Flicker free lighting with instant start.
- No mercury content, environmentally friendly.



### Safety Specification

- DC input voltage reversal (non-destructive).
- Input transient protection.
- Under voltage protection.
- Built in multiple LED circuit redundancy.
- Protected against power supply interruptions.

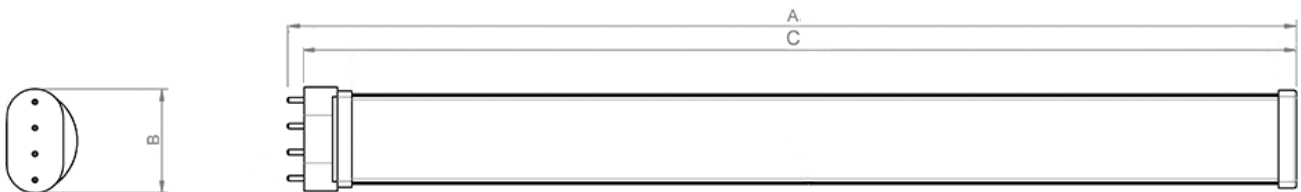
### Colour Temperature Range

|                        |                           |
|------------------------|---------------------------|
| ** WW                  | **NW                      |
| Warm White 3000K (±5%) | Natural White 4000K (±5%) |

### Technical Specification

| Application  | 2G11 LED Stick Light |                    |                   |                   |
|--|----------------------|--------------------|-------------------|-------------------|
| Catalogue No.                                      | LED220/24/2G11/**    | LED220/110/2G11/** | LED322/24/2G11/** | LED416/24/2G11/** |
| Nominal Voltage                                    | 24VDC                | 110VDC             | 24VDC             | 24VDC             |
| Light Intensity (Lumens)                           | 1200                 | 1200               | 1320              | 1760              |
| Power Consumption                                  | 10W                  | 10W                | 16W               | 18W               |
| Colour Render Index                                | ≥80                  | ≥80                | ≥80               | ≥80               |
| Beam Angle   | 180°                 | 180°               | 180°              | 180°              |
| Operating Temperature Range                        | -25 to 55°C          | -25 to 55°C        | -25 to 55°C       | -25 to 55°C       |
| LED Life (time to 70% of the initial light output) | 65,000 hours         | 65,000 hours       | 65,000 hours      | 65,000 hours      |
| MTBF MIL-HDBK-217F (40°C) (hrs)                    | 100,000 hours        | 100,000 hours      | 100,000 hours     | 100,000 hours     |
| IP Rating  | IP40                 | IP40               | IP40              | IP40              |
| Switch Cycles                                      | 100,000 (UIC555)     | 100,000 (UIC555)   | 100,000 (UIC555)  | 100,000 (UIC555)  |
| Connector  | 2G11 4pins           | 2G11 4pins         | 2G11 4pins        | 2G11 4pins        |
| Weight   | 145g                 | 145g               | 200g              | 260g              |

### Dimensions



| Dimensions (mm) |                   |                    |                   |                   |
|-----------------|-------------------|--------------------|-------------------|-------------------|
| Cat No          | LED220/24/2G11/** | LED220/110/2G11/** | LED322/24/2G11/** | LED416/24/2G11/** |
| A               | 227               | 227                | 329               | 423               |
| B               | 43                | 43                 | 43                | 43                |
| C               | 220               | 220                | 322               | 416               |