



All dimensions are in millimeters / Tolerance is +/- 0.25 unless otherwise noted

**10mm wide flexible PCB with self-adhesive back**

**Emitting Colour: White**

**Number of LEDs: 26**

**Maximum length of PCB with power feed at one end: 1820mm (5 Modules)**

**RoHS compliant**

#### Electical / Optical Characteristics at Ta=25°C

| Symbol          | Parameter                          | Min. | Typ.   | Max. | Conditions  |
|-----------------|------------------------------------|------|--------|------|-------------|
| $2\Theta_{1/2}$ | Viewing Angle                      |      | 120°   |      |             |
| $I_v$           | Luminous Intensity (per LED)       |      | 150mcd |      |             |
| x               | Chromaticity Coordinate (CIE 1931) |      | 0.33   |      |             |
| y               | Chromaticity Coordinate (CIE 1931) |      | 0.34   |      |             |
| $V_B$           | Operation Voltage                  |      | 12V DC |      |             |
| $I_B$           | Operation Current                  |      | 250mA  |      | $V_B = 12V$ |
| P               | Power Consumption                  |      | 3W     |      | $V_B = 12V$ |
| m               | Weight                             |      | 4.1g   |      |             |

#### Absolute Maximum Ratings at Ta=25°C

| Parameter                                  |               |
|--------------------------------------------|---------------|
| Power Consumption                          | 3.9W          |
| Operating Voltage                          | 13V DC        |
| Maximum Current when connected in parallel | 2.5A          |
| Operating Temperature                      | -25°C to 55°C |
| Storage Temperature                        | -25°C to 85°C |
|                                            |               |
|                                            |               |



CML Technologies GmbH & Co. KG  
D-67098 Bad Dürkheim

#### Flexible Bar LED Module - White

|           |  |       |       |                     |                               |                       |
|-----------|--|-------|-------|---------------------|-------------------------------|-----------------------|
|           |  |       |       | Drawn: <b>J.J.</b>  | Ch'd: <b>D.L.</b>             | Date: <b>23.05.06</b> |
| Revision: |  | Date: | Name: | Scale: <b>3 : 4</b> | Datasheet: <b>LM-FB26W-12</b> |                       |