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| Model No. | OSPM-X2518ETS |
| REV. | C0 |

PRODUCT SPECIFICATION FOR **LED LIGHTING**

Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back.
- Long life, Easy Installation
- Voltages Available 12VDC
- LED Model Number: OSXX51B1S

Features:

- Available in Red , Orange , Yellow , Green , Blue , White
- Directly use on line voltage
- Low Power Consumption , High intensity
- Energy saving
- Excellent beam control
- Long life

Application:

- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building 's contour
- Substitute neon light

Product Picture:





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Device Selection Guide

| Module No. | Color | Dom. Wavelength (Typ.) | Intensity / Per LED (Typ.) |
|---------------|--------|------------------------|----------------------------|
| OSPM-R2518ETS | Red | 625±5nm | 500 mcd |
| OSPM-O2518ETS | Orange | 605±5nm | 500 mcd |
| OSPM-Y2518ETS | Yellow | 590±5nm | 500 mcd |
| OSPM-G2518ETS | Green | 525±5nm | 750 mcd |
| OSPM-B2518ETS | Blue | 470±5nm | 450 mcd |
| OSPM-W2518ETS | White | X=0.30 ; Y=0.33 | 750 mcd |

Absolute Maximum Ratings(Ta=25)

| Items | Symbol | Values | Units |
|------------------------------|------------------|-----------|-------|
| Operating supply range(DC) | V _{idc} | 14 | V |
| Input Current (DC) | I _i | 0.27 | A |
| Power Dissipation | P _a | 3.78 | W |
| LED Light Source Temperature | T _{led} | 105 | DegC |
| Operating Temperature | T _{ope} | -30 ~ +50 | DegC |
| Storage Temperature | T _{sto} | -40 ~ +80 | DegC |

Typical Performance (Ta=25)

| Items | Symbol | Min. | Typ. | Max. | Units |
|---|-------------------|-------|------|------|-------|
| LED Module Power | P _m | - | 2.16 | 3.78 | W |
| Input Voltage(DC) | V _i | - | 12 | 14 | V |
| Product input Current | I _f | - | 0.18 | 0.27 | A |
| Beam Pattern | BP | - | 120 | - | Deg |
| Total Length of Modules (Including Pin) | L _{mod.} | - | 254 | - | mm |
| Estimated Life | Life | 20000 | - | - | hour |

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Product Dimensions:

