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| Model No. | OSMH50830GP-XXXXS1C1A-D |
| REV. | C3 |

PRODUCT SPECIFICATION FOR **White LED Ribbon Light**

Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back.
- Long life, Easy Installation
- Voltages Available 12VDC
- LED Model Number: OSXXXXS1C1A

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.) |
|--------------|------------|------------------------|----------------------------|
| R5MAS1C1A -X | Red | 625±5nm | 1000 mcd |
| O5MAS1C1A -X | Orange | 605±5nm | 1000 mcd |
| Y5MAS1C1A -X | Yellow | 590±5nm | 1000 mcd |
| G5DAS1C1A -X | Green | 530±5nm | 900 mcd |
| B5SAS1C1A -X | Blue | 475±5nm | 400 mcd |
| W5SAS1C1A -X | White | X=0.27 ; Y=0.28 | 1500 mcd |
| M5SLS1C1A -X | Warm White | X=0.45 ; Y=0.41 | 1000 mcd |
| K5SLS1C1A -X | Pink | X=0.45 ; Y=0.17 | 300 mcd |

Absolute Maximum Ratings(Ta=25)

| Items | Symbol | Values | Units |
|------------------------------|------------------|-----------|-------|
| Operating supply range(DC) | V _{dc} | 14 | V |
| Input Current (DC) | I _i | 300 | mA |
| Power Dissipation | P _a | 4.2 | W |
| LED Light Source Temperature | T _{led} | 105 | DegC |
| Operating Temperature | T _{ope} | -10 ~ +40 | DegC |
| Storage Temperature | T _{sto} | -20 ~ +80 | DegC |

Typical Performance (Ta=25)

| Items | Symbol | Min. | Typ. | Max. | Units |
|---|-------------------|------|------|------|-------|
| LED Module Power | P _m | - | 2.4 | 4.2 | w |
| Input Voltage(DC) | V _i | - | 12 | 14 | V |
| Product input Current | I _f | - | 200 | 300 | mA |
| Beam Pattern | BP | - | 120 | - | Deg |
| Total Length of Modules (Including Pin) | L _{mod.} | - | 500 | - | mm |
| Net Weight | Wei. | --- | 6 | --- | g |

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Product Dimensions:



