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|-----------|-------------------------|
| Model No. | OSMW60E32GM-XXXXS1C1A-A |
| REV.      | C2                      |

## PRODUCT SPECIFICATION FOR **LED Light Strip**

### Descriptions:

- Low Power Consumption, High Intensity
- 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 )

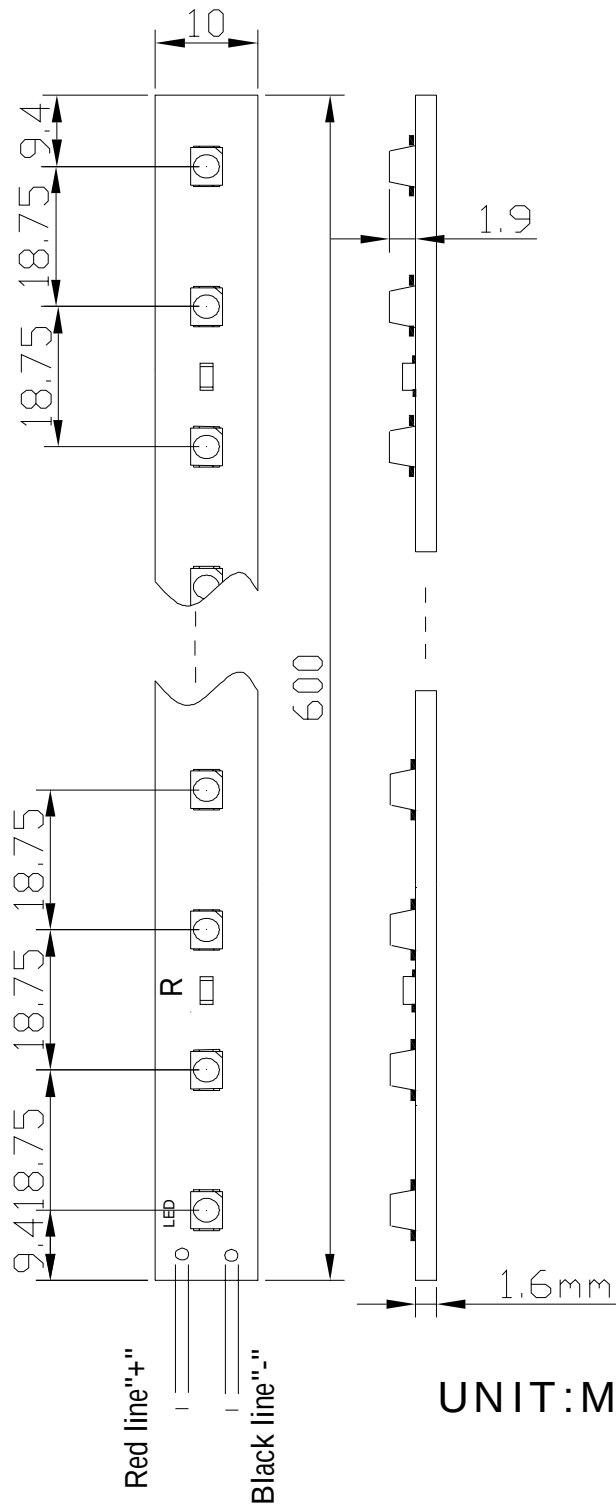
| Items                        | Symbol           | Values    | Units |
|------------------------------|------------------|-----------|-------|
| Operating supply range(DC)   | V <sub>idc</sub> | 14        | V     |
| Input Current (DC)           | I <sub>i</sub>   | 330       | mA    |
| Power Dissipation            | P <sub>a</sub>   | 4.62      | W     |
| LED Light Source Temperature | T <sub>led</sub> | 105       | DegC  |
| Operating Temperature        | T <sub>ope</sub> | -30 ~ +50 | DegC  |
| Storage Temperature          | T <sub>sto</sub> | -40 ~ +80 | DegC  |

### Typical Performance (Ta=25 )

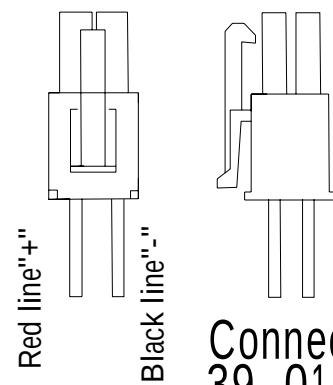
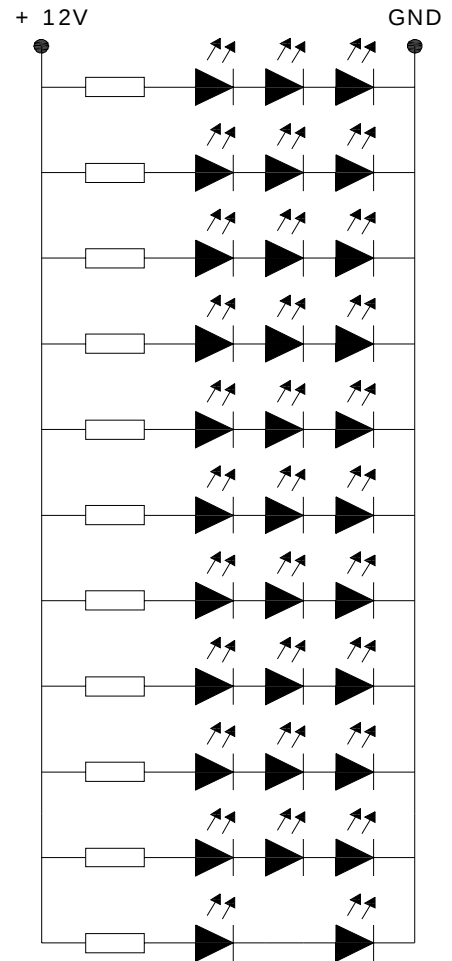
| Items                                   | Symbol            | Min. | Typ. | Max. | Units |
|-----------------------------------------|-------------------|------|------|------|-------|
| LED Module Power                        | P <sub>m</sub>    | -    | 2.64 | 4.62 | W     |
| Input Voltage(DC)                       | V <sub>i</sub>    | -    | 12   | 14   | V     |
| Product input Current                   | I <sub>f</sub>    | -    | 220  | 330  | mA    |
| Beam Pattern                            | BP                | -    | 120  | -    | Deg   |
| Total Length of Modules (Including Pin) | L <sub>mod.</sub> | -    | 600  | -    | mm    |
| Net Weight                              | Wei.              | ---  | 35   | ---  | g     |

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**Product Dimensions:**



UNIT:MM



Connector:Molex  
39-01-2040