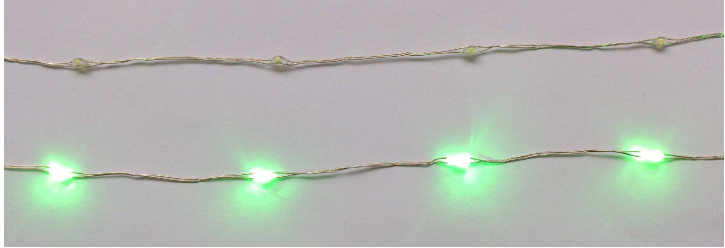
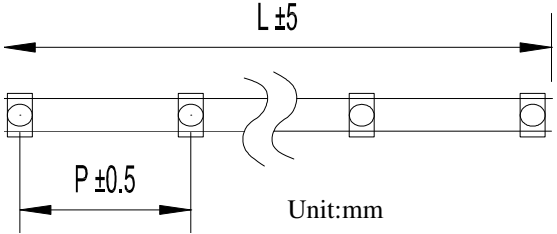


|           |            |
|-----------|------------|
| Model No. | OSMSXX20EB |
| Ver.      | 3          |

## PRODUCT SPECIFICATION FOR MINI LED STRING

| Descriptions  | Product Picture  |
|---|--|
| <p>LED Waterproof Light, <b>IP65</b><br/>           Long life, easy installation<br/>           Voltages available in 4.5VDC<br/>           LED Type: SMD LED, 1.6x0.8mm, 120deg<br/>           Enamelled copper wire, could be DIY into different shapes</p> |  |

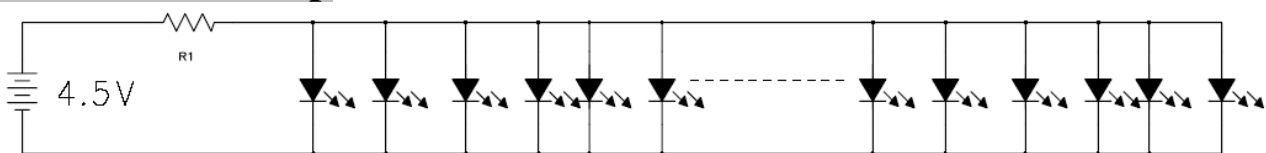
### Typical Performance (Ta=25°C)

| Items             | Symbol | Min. | Typ. | Max. | Units | Product Dimensions:   |
|-------------------|--------|------|------|------|-------|---|
| LED Module Power  | Pm     | 0.47 | 0.59 | 0.79 | w     |  |
| Input Voltage(DC) | Vi     | 4.2  | 4.5  | 4.9  | V     |   |
| Input Current     | If     | 0.11 | 0.13 | 0.16 | A     |   |
| Beam Pattern      | BP     | -    | 120  | -    | Deg   |   |

### Device Selection Guide

| Module No. | Color         | Dom. Wavelength | Intensity/LED (Typ.) | LED Quantity | Pitch (mm) | Length (mm) | Input Power(DCV) |                 |
|------------|---------------|-----------------|----------------------|--------------|------------|-------------|------------------|-----------------|
|            |               |                 |                      |              |            |             | Battery          | DC Power Supply |
| OSMSM520EB | Warm White    | 3000K           | 220(mcd)             | 20           | 55         | 1000        | 4.5V<br>(1.5×3)  | -               |
| OSMSW520EB | White         | 10000K          | 300(mcd)             |              |            |             |                  |                 |
| OSMSG820EB | Yellow Green  | 570(nm)         | 30(mcd)              |              |            |             |                  |                 |
| OSMSY520EB | Yellow        | 590(nm)         | 90(mcd)              |              |            |             |                  |                 |
| OSMSO520EB | Orange        | 605(nm)         | 150(mcd)             |              |            |             |                  |                 |
| OSMSR520EB | Red           | 625(nm)         | 100(mcd)             |              |            |             |                  |                 |
| OSMSB520EB | Blue          | 470(nm)         | 120(mcd)             |              |            |             |                  |                 |
| OSMSG520EB | True Green    | 525(nm)         | 360(mcd)             |              |            |             |                  |                 |
| OSMST120EB | Fast Flashing | Red             | 625(nm)              |              |            |             |                  |                 |
|            |               | Blue            | 470(nm)              | 90(mcd)      |            |             |                  |                 |
|            |               | Green           | 525(nm)              | 360(mcd)     |            |             |                  |                 |

### Product Roadmap



20 LED

|           |            |
|-----------|------------|
| Model No. | OSMSXX20EB |
| Ver.      | 3          |

## Product Application

