

|           |                       |
|-----------|-----------------------|
| Model No. | OST05WG01GD-XXXXT531B |
| REV.      | C1                    |

## T5 Round AUTO LED

### Descriptions:

- Green light source, fast response
- Long life, easy installation
- Voltages available 12VDC
- LED model number: XXXXT531B

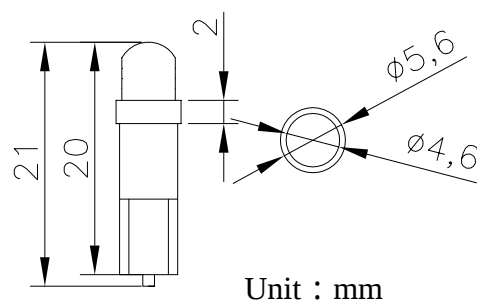
### Features:

- Available in red , yellow , green , blue , white
- High temperature and environmental protection PA material for lamp holder
- Low power consumption
- Energy saving
- Eye protection, no stroboflash, no radiation
- Long life

### Application:

- Dashboard Light
- Width-indicator Lamp
- Signal Light

### Product Picture and Dimensions:





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## Device Selection Guide

| Module No. | Color  | Wavelength (Typ.) | Intensity / Per LED (Typ.) | Overall luminous flux |
|------------|--------|-------------------|----------------------------|-----------------------|
| R5RUT531B  | Red    | 625 nm            | 3200mcd                    | 1.0lm                 |
| G5DUT531B  | Green  | 525 nm            | 35000mcd                   | 3.5lm                 |
| B5YUT531B  | Blue   | 470 nm            | 9100mcd                    | 0.6lm                 |
| Y5RUT531B  | Yellow | 590 nm            | 3200mcd                    | 1.0lm                 |
| W5YKT531B  | White  | X=0.27,Y=0.28     | 18000mcd                   | 3.0lm                 |

## Absolute Maximum Ratings(Ta=25 )

| Items                      | Symbol           | Values    | Units |
|----------------------------|------------------|-----------|-------|
| Operating Supply Range(DC) | V <sub>idc</sub> | 16        | V     |
| Input Current (DC)         | I <sub>i</sub>   | 30        | mA    |
| Power Dissipation          | P <sub>a</sub>   | 0.48      | W     |
| Operating Temperature      | T <sub>ope</sub> | -10 ~ +40 | DegC  |
| Storage Temperature        | T <sub>stg</sub> | -20 ~ +80 | DegC  |

## Typical Performance (Ta=25 )

| Items                 | Symbol            | Min. | Typ. | Max. | Units |
|-----------------------|-------------------|------|------|------|-------|
| LED Module Power      | P <sub>m</sub>    | -    | 0.24 | 0.48 | W     |
| Input Voltage(DC)     | V <sub>i</sub>    | -    | 12   | 16   | V     |
| Product Input Current | I <sub>f</sub>    | -    | 20   | 30   | mA    |
| Beam Pattern          | BP                | -    | 30   | -    | Deg   |
| Total Diameter of PCB | L <sub>mod.</sub> | -    | 21   | -    | mm    |
| Net Weight            | Wei.              | ---  | 0.36 | ---  | g     |