

## Descriptions:

- Green light source, fast response
- Long life, easy installation

## Features:

- Available in white and warm white
- Super bright
- Big emitting angle
- Superior ESD protection
- Superior UV resistance
- Can be equipped with lens: OS-OLTX3525X



## Applications

- Small space lighting
- Mechanical equipment lights

## Device selection guide

| Order code     | MPN                | Colour     | Wavelength (Typ.) |       | Condition | Overall Luminous Flux (Typ.) |
|----------------|--------------------|------------|-------------------|-------|-----------|------------------------------|
| <b>55-2413</b> | OSPR3XW6-W4XZE1C1E | White      | X=0.31, Y=0.33    | 6500K | IF=350mA  | 300lm                        |
| <b>55-2415</b> | OSPR3XM6-M5XZE1C1E | Warm white | X=0.45, Y=0.41    | 3000K | IF=350mA  | 270lm                        |

## Absolute maximum rating (Ta=25°C)

| Item                        | Symbol           | Value   | Unit |
|-----------------------------|------------------|---------|------|
| Operating supply range (DC) | V <sub>idc</sub> | 12      | V    |
| Input Current (DC)          | I <sub>i</sub>   | 400     | mA   |
| Power dissipation           | P <sub>A</sub>   | 4.8     | W    |
| Operating temperature       | T <sub>op</sub>  | -10~+40 | °C   |
| Storage temperature         | T <sub>stg</sub> | -20~+80 | °C   |

## Electrical - Optical characteristics (Ta=25°C)

| Item                  | Symbol            | Min. | Typ. | Max. | Unit |
|-----------------------|-------------------|------|------|------|------|
| LED module power      | P <sub>m</sub>    | -    | 3.5  | 4.8  | W    |
| Input voltage (DC)    | V <sub>i</sub>    | -    | 10   | 12   | V    |
| Product input current | I <sub>f</sub>    | -    | 350  | 400  | mA   |
| Beam pattern          | BP                | -    | 120  | -    | Deg  |
| PCB diameter          | L <sub>mod.</sub> | -    | 31.5 | -    | mm   |
| Net weight            | Wei.              | ---  | 5    | ---  | g    |

## Outline dimensions:

