

TECHNICAL DATA SHEET

PRO-SIGNAL

RoHS
Compliant

3mm Water Clear LEDs



| Part No. | Pack Size | Colour | Wave Length at IF = 20mA | | | Forward Voltage (VF) at IF =20mA | | Luminous Intensity at IF = 20mA | |
|----------|-----------|------------|--------------------------|------|-------|----------------------------------|------|---------------------------------|---------|
| | | | Min. | Typ. | Max. | Min. | Max. | Min. | Max. |
| PSG91846 | 10 | Red | 620nm | | 625nm | 2V | 2.2V | 1200mcd | 1500mcd |
| PSG91847 | | Green | 570nm | | 572nm | 2V | 2.2V | 400mcd | 600mcd |
| PSG91848 | | Pure Green | 520nm | | 525nm | 3V | 3.2V | 4000mcd | 5000mcd |
| PSG91849 | | Yellow | 588nm | | 592nm | 2V | 2.2V | 1800mcd | 2000mcd |
| PSG91850 | | Blue | 460nm | | 465nm | 3V | 3.2V | 1500mcd | 2000mcd |
| PSG91851 | | Warm White | 2700k | | 3000k | 3.2V | 3.4V | 6000mcd | 8000mcd |
| PSG91852 | | Cool White | 6500k | | 7000k | 3.2V | 3.4V | 5000mcd | 7000cmd |
| PSG91853 | 100 | Red | 620nm | | 625nm | 2V | 2.2V | 1200mcd | 1500mcd |
| PSG91854 | | Green | 570nm | | 572nm | 2V | 2.2V | 400mcd | 600mcd |
| PSG91855 | | Pure Green | 520nm | | 525nm | 3V | 3.2V | 4000mcd | 5000mcd |
| PSG91856 | | Yellow | 588nm | | 592nm | 2V | 2.2V | 1800mcd | 2000mcd |
| PSG91857 | | Blue | 460nm | | 465nm | 3V | 3.2V | 1500mcd | 2000mcd |
| PSG91858 | | Warm White | 2700k | | 3000k | 3.2V | 3.4V | 6000mcd | 8000mcd |
| PSG91859 | | Cool White | 6500k | | 7000k | 3.2V | 3.4V | 5000mcd | 7000cmd |

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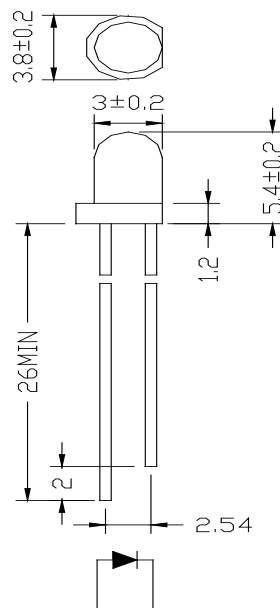
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Cont.

| Part No. | Part Size | Colour | Viewing Angle | Max. Power Dissipation | Max. Forward Current (IFM) | Recommended Operating Forward Current | Reverse Voltage |
|----------|------------|------------|---------------|------------------------|----------------------------|---------------------------------------|-----------------|
| PSG91846 | 10 | Red | 30° | 120mW | 30mA | 15mA to 18mA | 5V |
| PSG91847 | | Green | | | | | |
| PSG91848 | | Pure Green | | | | | |
| PSG91849 | | Yellow | 60° | | | | |
| PSG91850 | | Blue | | | | | |
| PSG91851 | | Warm White | | | | | |
| PSG91852 | Cool White | 100 | 30° | | | | |
| PSG91853 | Red | | | | | | |
| PSG91854 | Green | | | | | | |
| PSG91855 | Pure Green | | 60° | | | | |
| PSG91856 | Yellow | | | | | | |
| PSG91857 | Blue | | | | | | |
| PSG91858 | Warm White | Cool White | | | | | |
| PSG91859 | Cool White | | | | | | |



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