

550-xx06

Typical Operating Characteristics (T_A=25°C)

See LED data sheet for additional information

GENERAL PURPOSE

| Part Number | Color | Peak Wavelength nm | I _V mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|--------|--------------------|--------------------|----------------------|-------------------|-------------------------------|----------------|--------|
| 550-0206 | Green | 565 | 12.3 | 2.1 | 20 | 60° | 5ND-9674 | 6-55 |
| 550-0306 | Yellow | 585 | 12.3 | 2.1 | 20 | 60° | 5ND-9673 | 6-55 |
| 550-0406 | Red | 635 | 12.3 | 2 | 20 | 60° | 5ND-9672 | 6-55 |

INTEGRAL RESISTOR

| Part Number | Color | Peak Wavelength nm | I _V mcd | Test Voltage | Forward Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|--------|--------------------|--------------------|--------------|----------------------|-------------------------------|----------------|--------|
| 550-0506 | Red | 655 | 2 | 5 | 13 | 60° | 5RD-9422 | 6-56 |
| 550-0606 | Red | 655 | 2 | 12 | 13 | 60° | 521-9262 | 6-43 |
| 550-0706 | Green | 565 | 8 | 5 | 12 | 60° | 5RD-9423 | 6-56 |
| 550-0806 | Yellow | 583 | 8 | 5 | 10 | 60° | 521-9284 | 6-43 |

LOW CURRENT

| Part Number | Color | Peak Wavelength nm | I _V mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|--------|--------------------|--------------------|----------------------|-------------------|-------------------------------|----------------|--------|
| 550-1106 | Red | 635 | 2 | 1.8 | 2 | 50° | 521-9320 | 6-44 |
| 550-1206 | Yellow | 583 | 1.8 | 1.9 | 2 | 50° | 521-9321 | 6-44 |
| 550-1306 | Green | 565 | 1.8 | 1.8 | 2 | 50° | 521-9327 | 6-44 |

HIGH EFFICIENCY

| Part Number | Color | Peak Wavelength nm | I _V mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|--------|--------------------|--------------------|----------------------|-------------------|-------------------------------|----------------|--------|
| 550-2206 | Green | 563 | 10 | 2.1 | 10 | 65° | 5HD-9270-5 | 6-53 |
| 550-2306 | Yellow | 585 | 6.3 | 2.1 | 10 | 50° | 5HD-9271-5 | 6-53 |
| 550-2406 | Red | 650 | 7 | 2.2 | 10 | 50° | 5HD-9269 | 6-53 |

BI-COLOR

Bicolor data shown as red/green

| Part Number | Color | Peak Wavelength nm | I _V mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|-----------|--------------------|--------------------|----------------------|-------------------|-------------------------------|----------------|--------|
| 550-3006 | Red/Green | 660/565 | 90/40 | 1.8/2.1 | 20 | 60° | 521-9651 | 6-48 |

SUPER BRIGHT, DIFFUSED

| Part Number | Color | Peak Wavelength nm | I _V mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|--------|--------------------|--------------------|----------------------|-------------------|-------------------------------|----------------|--------|
| 550-5106 | Red | 650 | 34 | 2.1 | 20 | 50° | 5SD-9441 | 6-57 |
| 550-5206 | Green | 563 | 34 | 2.2 | 20 | 50° | 5SD-9456 | 6-57 |
| 550-5306 | Yellow | 585 | 34 | 2.2 | 20 | 50° | 5SD-9455 | 6-57 |

SUPER BRIGHT, WATER CLEAR (NON-TINTED, NON-DIFFUSED)

| Part Number | Color | Peak Wavelength nm | I _V mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _½ | LED Data sheet | Page # |
|-------------|--------|--------------------|--------------------|----------------------|-------------------|-------------------------------|----------------|--------|
| 550-5506 | Red | 635 | 125 | 2.2 | 20 | 24 | 521-9464 | 6-49 |
| 550-5606 | Green | 565 | 120 | 2.3 | 20 | 24 | 521-9465 | 6-49 |
| 550-5706 | Yellow | 583 | 140 | 2.2 | 20 | 24 | 521-9466 | 6-49 |

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