



LED Specifications

■ Technical specifications for LED assemblies

| | Colour | Peak (nm) | TYP VF | TYP IF | TYP mcd |
|-------------|-----------|-----------|--------|--------|---------|
| Standard | Red | 650 | 1.7 | 20mA | 15.0 |
| | Green | 565 | 2.1 | 20mA | 15.0 |
| | Yellow | 585 | 2.2 | 20mA | 18.0 |
| | Super Red | 660 | 1.8 | 20mA | 50.0 |
| | HE Red | 635 | 1.8 | 20mA | 30.0 |
| Low Current | HE Red | 635 | 1.8 | 2mA | 7.5 |
| | Green | 565 | 1.8 | 2mA | 8.0 |
| | Yellow | 585 | 1.8 | 2mA | 7.5 |
| 5 Volt | HE Red | 635 | 5.0 | 10mA | 28.0 |
| | Green | 565 | 5.0 | 10mA | 28.0 |
| | Yellow | 585 | 5.0 | 10mA | 21.0 |

5.00mm (T1^{3/4}) LED's

| Colour | Peak (nm) | TYP VF | TYP IF | TYP mcd |
|-----------|-----------|--------|--------|---------|
| HE Red | 650 | 1.7 | 10mA | 1.5 |
| Green | 565 | 2.2 | 10mA | 3.0 |
| Yellow | 585 | 2.1 | 10mA | 3.5 |
| Red/Green | 635/565 | 2.0 | 10mA | 4.8 |

2.00mm x 4.00mm LED's

| | Colour | Peak (nm) | TYP VF | TYP IF | TYP mcd |
|-------------|--------|-----------|--------|--------|---------|
| Standard | HE Red | 635 | 2.0 | 20mA | 8.0 |
| | Green | 565 | 2.2 | 20mA | 7.5 |
| | Yellow | 585 | 2.1 | 20mA | 8.0 |
| Low Current | HE Red | 635 | 1.8 | 2mA | 4.0 |
| | Green | 565 | 1.8 | 2mA | 3.5 |
| | Yellow | 585 | 1.8 | 2mA | 4.0 |
| 5 Volt | HE Red | 635 | 5.0 | 5mA | 4.5 |
| | Green | 565 | 5.0 | 5mA | 5.0 |
| | Yellow | 585 | 5.0 | 5mA | 4.5 |

2.00mm and 2.00mm x 3.00mm LED's

| | Colour | Peak (nm) | TYP VF | TYP IF | TYP mcd |
|-------------|--------|-----------|--------|--------|---------|
| Standard | HE Red | 635 | 2.0 | 20mA | 10.0 |
| | Green | 565 | 2.0 | 20mA | 16.0 |
| | Yellow | 585 | 2.0 | 20mA | 6.3 |
| Low Current | HE Red | 635 | 2.0 | 10mA | 1.8 |
| | Green | 565 | 2.0 | 10mA | 1.6 |
| | Yellow | 585 | 2.0 | 10mA | 1.6 |
| 5 Volt | HE Red | 635 | 5.0 | 13mA | 8.0 |
| | Green | 565 | 5.0 | 13mA | 8.0 |
| | Yellow | 585 | 5.0 | 13mA | 8.0 |
| 12 Volt | HE Red | 635 | 12.0 | 13mA | 4.0 |
| | Green | 565 | 12.0 | 13mA | 4.0 |
| | Yellow | 585 | 12.0 | 13mA | 4.0 |

3.00mm (T1) and 5.00mm (T1^{3/4}) panel mount, nylon

| Colour | Peak (nm) | Lens Appearance | TYP V | TYP IF | TYP mcd |
|-----------|-----------|-----------------|-------|--------|---------|
| Green | 565 | Green Diffused | 2.2 | 20mA | 50.0 |
| HE Red | 635 | Red Diffused | 2.0 | 20mA | 50.0 |
| Yellow | 585 | Yellow Diffused | 2.1 | 20mA | 40.0 |
| Super Red | 660 | Red Diffused | 1.7 | 20mA | 150.0 |
| Blue | 430 | Blue Diffused | 5.0 | 20mA | 15.0 |

5.00mm (T1^{3/4}) panel mount, metal

| | Colour | Peak (nm) | TYP VF | TYP IF | TYP mcd |
|-------------|-----------|-----------|--------|--------|---------|
| Standard | Red | 650 | 1.7 | 20mA | 8.0 |
| | Green | 565 | 2.1 | 20mA | 15.0 |
| | Yellow | 585 | 2.2 | 20mA | 18.0 |
| | Super Red | 660 | 1.8 | 20mA | 60.0 |
| | HE Red | 635 | 1.8 | 20mA | 40.0 |
| Low Current | HE Red | 635 | 1.8 | 2mA | 2.5 |
| | Green | 565 | 1.8 | 2mA | 2.5 |
| | Yellow | 585 | 1.8 | 2mA | 2.5 |
| 5 Volt | HE Red | 635 | 5.0 | 10mA | 15.0 |
| | Green | 565 | 5.0 | 10mA | 14.0 |
| | Yellow | 585 | 5.0 | 10mA | 14.0 |

3.00mm (T1) LED's

| Colour | Peak (nm) | TYP VF | TYP IF | TYP mcd |
|-----------|-----------|--------|--------|---------|
| Red | 660 | 1.7 | 10mA | 1.5 |
| Green | 565 | 2.2 | 10mA | 3.0 |
| Yellow | 585 | 2.1 | 10mA | 3.5 |
| Red/Green | 635/565 | 2.0 | 10mA | 4.5 |

2.00mm x 5.00mm LED's

| Colour | Peak (nm) | Lens Appearance | TYP VF | TYP IF | Typ mcd |
|-----------|-----------|-----------------|--------|--------|---------|
| Green | 565 | Green Diffused | 2.2 | 20mA | 40.0 |
| HE Red | 635 | Red Diffused | 2.0 | 20mA | 40.0 |
| Yellow | 585 | Yellow Diffused | 2.1 | 20mA | 30.0 |
| Super Red | 660 | Red Diffused | 1.7 | 20mA | 120.0 |
| Blue | 430 | Blue Diffused | 5.0 | 20mA | 15.0 |

3.00mm (T1) panel mount, metal