




# Light-Emitting Diode

## Super Flux LED

**ELECSOUND®**

| Part Number   | Chip     |               |                       | Lens Type   | VF(V)<br>If=20mA |     | IV(mcd)<br>If=20mA | Angle<br>2θ1/2 |
|---|----------|---------------|-----------------------|-------------|------------------|-----|--------------------|----------------|
|   | Material | Emitted Color | Wave Length<br>λD(nm) |             | Min              | Max | Min Typ            |                |
| <b>5mm Super Flux LED</b>   |          |               |                       |             |                  |     |                    |                |
|    |          |               |                       |             |                  |     |                    |                |
| 9555R1C-HSA-C   | AlGaInP  | Red           | 620-635               | Water Clear | 1.9-2.3          |     | 1000-1500          | 80             |
| 9555Y1C-HSA-C   | AlGaInP  | Yellow        | 580-595               | Water Clear | 1.9-2.3          |     | 1000-1500          | 80             |
| 9555G3C-HSA-A   | InGaN    | Green         | 520-530               | Water Clear | 2.9-3.5          |     | 1100-1600          | 80             |
| 9555B2C-HSA-B   | InGaN    | Blue          | 460-470               | Water Clear | 2.9-3.5          |     | 800-1300           | 80             |
| 9555W2C-HSC-C   | InGaN    | White         |                       | Water Clear | 2.9-3.5          |     | 3300-4000          | 80             |
| <b>3mm Super Flux LED</b>   |          |               |                       |             |                  |     |                    |                |
|   |          |               |                       |             |                  |     |                    |                |
| 9355R1C-HSA-C   | AlGaInP  | Red           | 620-635               | Water Clear | 1.9-2.5          |     | 1000-1500          | 75             |
| 9355Y1C-HSA-C   | AlGaInP  | Yellow        | 580-595               | Water Clear | 1.9-2.5          |     | 1000-1500          | 75             |
| 9355G3C-HSA-A   | InGaN    | Green         | 520-530               | Water Clear | 2.9-3.5          |     | 1100-1600          | 75             |
| 9355B2C-HSA-B   | InGaN    | Blue          | 460-470               | Water Clear | 2.9-3.5          |     | 800-1300           | 75             |
| 9355W2C-HSC-C   | InGaN    | White         |                       | Water Clear | 2.9-3.5          |     | 3300-400           | 75             |
| <b>Flat Top Super Flux LEDs</b>   |          |               |                       |             |                  |     |                    |                |
|  |          |               |                       |             |                  |     |                    |                |
| 9055R1C-LHD-C   | AlGaInP  | Red           | 620-635               | Water Clear | 1.9-2.5          |     | 500-800            | 120            |
| 9055Y1C-LHD-C   | AlGaInP  | Yellow        | 580-595               | Water Clear | 1.9-2.5          |     | 500-800            | 120            |
| 9055G3C-LHE-A   | InGaN    | Green         | 520-530               | Water Clear | 2.9-3.5          |     | 800-1000           | 120            |
| 9055B2C-LHD-B   | InGaN    | Blue          | 460-470               | Water Clear | 2.9-3.5          |     | 500-750            | 120            |
| 9055W2C-LSB-C   | InGaN    | White         |                       | Water Clear | 2.9-3.5          |     | 1600-2200          | 120            |

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