

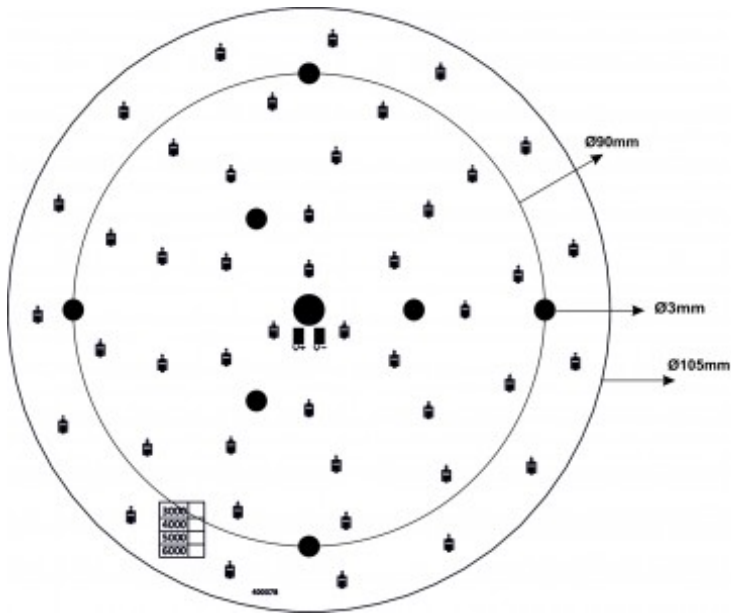


### Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :140°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:4/pcs

### Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting



#### General Specifications

|                    |                  |
|--------------------|------------------|
| Operation Voltage  | ~26,7V           |
| Module Driver Type | Constant Current |
| LED Package        | 2016             |

#### Technical Specifications

|                  |          |
|------------------|----------|
| Length(mm)       | 115R     |
| Width(mm)        |          |
| PCB Thicknes(mm) | 1,6      |
| PCB Material     | Aluminum |

#### Electrical Specifications

|                    |    |
|--------------------|----|
| Series             | 9  |
| Parallel           | 5  |
| Total LED Quantity | 45 |

#### Connections Data

|                       |                          |
|-----------------------|--------------------------|
| Wire size             | 0,35-0,75mm <sup>2</sup> |
| Terminal Strip Length | 3-4mm                    |
| Connection type       | Cable soldering          |

#### Operating conditions and characteristics

|                             |            |
|-----------------------------|------------|
| Operating Temperature range | -20 ~ 50°C |
| Storage Temperature         | -20 ~ 80°C |

#### Driving Current & Luminous Flux @(T<sub>j</sub>=25°C)

| Operating Module Current | Operating Current per LED | Operating Voltage (Typ) | Module Power | 2700K |      |      | 3000K |      |      | 4000K |      |      | 5000K |      |      | 6500K |      |      |
|--------------------------|---------------------------|-------------------------|--------------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
|                          |                           |                         |              | min.  | Typ. | max. | min.  | Typ. | max. | min.  | Typ. | max. | min.  | Typ. | max. | min.  | Typ. | max. |
| 350mA                    | 70mA                      | 26,1V                   | 9,1W         | 1277  | 1345 | 1412 | 1277  | 1345 | 1412 | 1277  | 1345 | 1412 | 1436  | 1512 | 1587 | 1436  | 1512 | 1587 |
| 500mA                    | 100mA                     | 26,7V                   | 13,4W        | 1843  | 1940 | 2037 | 1843  | 1940 | 2037 | 1843  | 1940 | 2037 | 1995  | 2100 | 2205 | 1995  | 2100 | 2205 |
| 700mA                    | 140mA                     | 27,2V                   | 19W          | 2483  | 2614 | 2744 | 2483  | 2614 | 2744 | 2483  | 2614 | 2744 | 2697  | 2839 | 2980 | 2697  | 2839 | 2980 |

- Tolerance range for optical and electrical data: ±10 %.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.