



General

|                  |            |
|------------------|------------|
| Height (mm)      | 22         |
| Diameter (mm)    | 42         |
| Cover            | Adjustable |
| Housing Material | PC         |
| Weight (g)       | 18         |
| Housing Color    | Black      |

Electronics

|                       |                         |
|-----------------------|-------------------------|
| Input Voltage         | 24 V DC                 |
| Power Supply          | External (not included) |
| Power Consumption (W) | 1.5                     |

Lighting

|                  |  |
|------------------|--|
| LED Type         | SMD3535                                |
| Pixel Pitch      | customizable,<br>starting from 100 mm, |
| Lifespan (hours) | 50000                                  |
| Color Range      | RGB                                    |
| LED Quantity     | 6                                      |
| Optics (°)       | 110                                    |
| Luminous Flux    | 38 lm                                  |
| LEDs per Pixel   | 6                                      |

Control

|                    |              |
|--------------------|--------------|
| Control            | SPI          |
| Control Units      | Single pixel |
| Number of Channels | 3            |
| Compatible ICs     | UCS8903      |

Environmental

|                       |              |
|-----------------------|--------------|
| Storage Temperature   | -30 ~ +80 °C |
| Operating Temperature | -20 ~ +70 °C |
| Ingress Protection    | IP67         |
| UV Constant           | yes          |



IP67 3<sup>year</sup>  
warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

