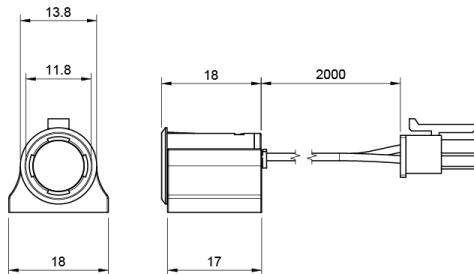


SYN-SNGLDOOR**Key Features****Input Voltage (Min/Max):** 12V – 24V**Colour Control Type:** Single colour**Mounting Type:** Recessed**IP Rating:** 20**Warranty:** 3 Year(s)**12V-
24V****IP20****Mechanical Data**

| | |
|--------------------|-------------|
| Body Colour | Black |
| Cut Out Diameter | 12 mm |
| Product Weight | 21 g |
| Product Dimensions | 18x14x12 mm |

Dimensions



Input

| | |
|---------------------|----------|
| Input Current | 0.05 A |
| Input Current Max · | 0.05 A |
| Input Current Type | DC |
| Input Voltage | 12 -24 V |

Output

| | |
|---------------------------|-----------|
| No · of Control Channels | 1 |
| Output Current Type | DC |
| Output Current Max · @12V | 0.05 A |
| Output Current Max · @24V | 0.05 A |
| Output Current | 0.05 A |
| Output Voltage | 12 - 24 V |

Control

| | |
|---------------------------------|----------------------------|
| Colour Control Type | Single colour |
| Control Distance (barrier-free) | 0.08 m |
| Control Input Resolution | 16 Bit |
| Control Signal Input | PWM |
| Default PWM Frequency | 250 Hz |
| Dimming Greyscale | 1000 |
| Interface Type | uart |
| No . of Programmes | 1 |
| Sensor Type | Single Door Trigger Sensor |
| Detection Distance | 0.05 - 0.08 m |

Electrical Data

| | |
|-------------------------------------|----|
| Constant Voltage / Constant Current | CV |
|-------------------------------------|----|

Protection

| | |
|-------------------------|----|
| Electrical Safety Class | II |
|-------------------------|----|

Environment

| | |
|--------------------------|----------|
| Application Environment | Interior |
| Body Material | Plastic |
| Ingress Protection (IP) | IP20 |
| Interior or Exterior Use | Interior |
| Mounting Type | Recessed |

Efficiency

| | |
|---------------------------|--------------|
| No-Load Power Consumption | 0.2 W |
| Rated Life | 500000 Hours |

| | |
|---------------------|---------|
| Standby Power Max · | 0.001 W |
| Standby Power Typ · | 0.0003 |
| Startup Time | 1 Secs |

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Ultra LEDs have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Ultra LEDs reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Ultra LEDs in accordance with applicable terms and conditions