# ALU-LINE

Innovative LED lighting for industry and IT applications

IP20 Made in Germany

The ALU-LINE system luminaires provides effective lighting in enclosures for industrial and IT applications. Their aluminium housing makes them particularly high-quality and stable.

The ALU-LINE luminaire offers an integrated socket as a practical additional benefit. This is available in EU, CH, BE, GB or US versions. Versions without socket are also available.

The High Power LED illuminates with 1350 lumens and provides a balanced homogeneous area light. Another advantage is that the through-wiring of several luminaires is possible.

A door operated switch is available as an option.

**UL Certificates:**

UL-US-2442933-0 (USA)
UL-CA-2432446-0 (Canada)

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## Specifications

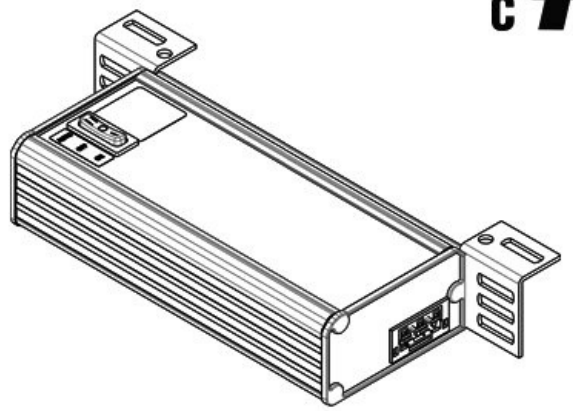
| | |
|---|---|
| **IP rating (EN 60529)** | IP20 |
| **Protection class** | I (Protective conductor connection) |
| **Material** | Enclosure: Aluminium, extruded<br>Luminaire cover: Polycarbonate |
| **Flame class** | |
| **Operating temperature** | -20 C° to 50 C° |
| **Mounting options** | Screw type mounting |

## Advantages & benefits

- Integrated socket available in different versions: EU, CH, BE, GB and US
- High-quality and stable aluminium housing
- Various mounting types: screw assembly and assembly on top-hat rail 35 mm
- Effective LED lighting with 1350 lm
- Available with motion sensor
- Door operated switch available as an option
- Through-wiring of several luminaires possible

## Product types & sizes

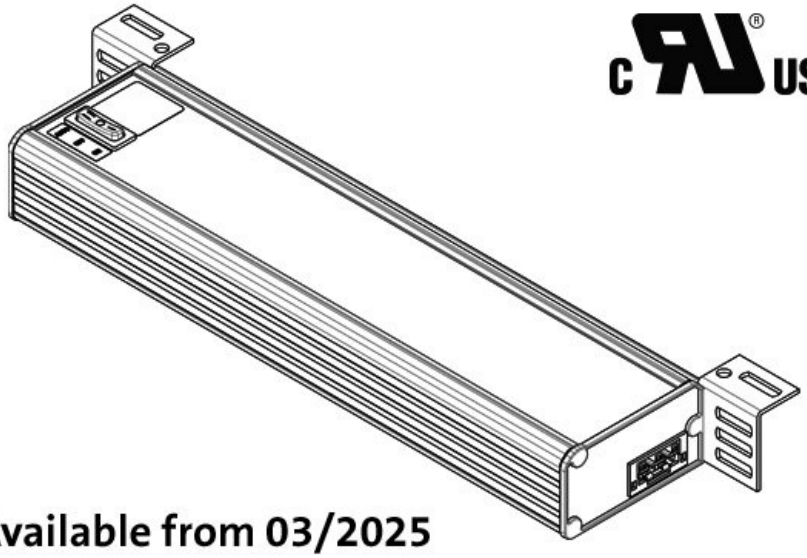
**ALU-LINE 200 (UL/CSA)**



Available from 03/2025

| | | | |
|---|---|---|---|
| Part No. | **81404** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| EAN | | | |
| Package quantity | **1** | | |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | Connector type | **WAGO 770** |
| Length | **197,2 mm** | Rated power | **6 W** |
| Height | **48 mm** | Operating voltage | **100 - 240 V AC ±5%, 50 - 60 Hz** |
| Width | **112,6 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **900 lm** |

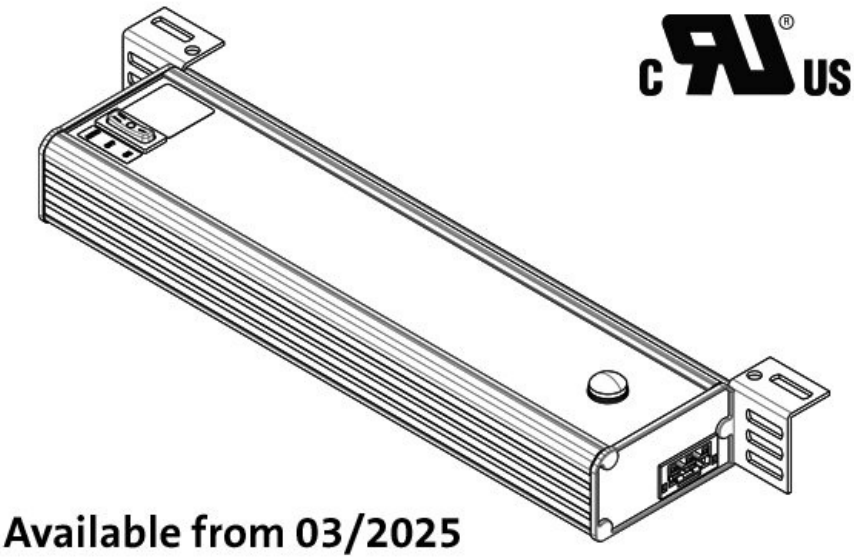
**ALU-LINE 350 (UL/CSA)**



Available from 03/2025

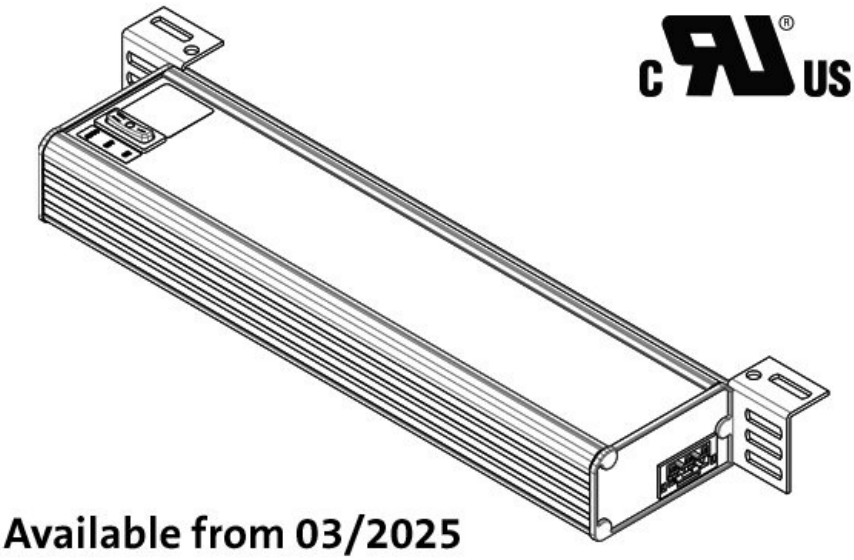
| | | | |
|---|---|---|---|
| Part No. | **81403** | Connection possibilities | **Feed-in, Through-wiring, Door operated switch** |
| EAN | | | |
| Package quantity | **1** | | |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | Connector type | **WAGO 770** |
| | | Rated power | **9 W** |
| Length | **347,2 mm** | Operating voltage | **100 - 240 V AC ±5%, 50 - 60 Hz** |
| Height | **48 mm** | | |
| Width | **112,6 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.280 lm** |

**ALU-LINE 350 (UL/CSA) with motion sensor**



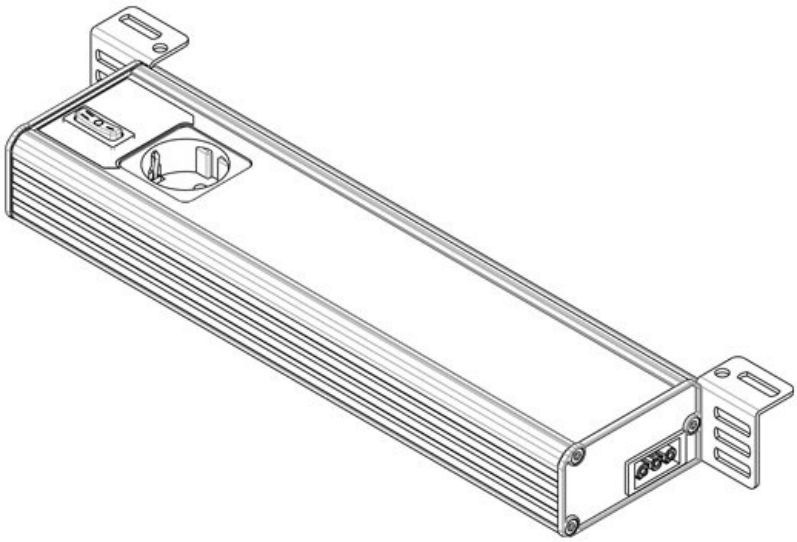

| | | | |
|---|---|---|---|
| Part No. | **81401** | Version | **PIR motion detector** |
| EAN | | Connection possibilities | **Feed-in, Through-wiring** |
| Package quantity | **1** | Connector type | **WAGO 770** |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | Rated power | **9 W** |
| Length | **347,2 mm** | Operating voltage | **100 - 240 V AC ±5%, 50 - 60 Hz** |
| Height | **48 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| Width | **112,6 mm** | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.280 lm** |

**ALU-LINE 350 (UL/CSA) 120V**



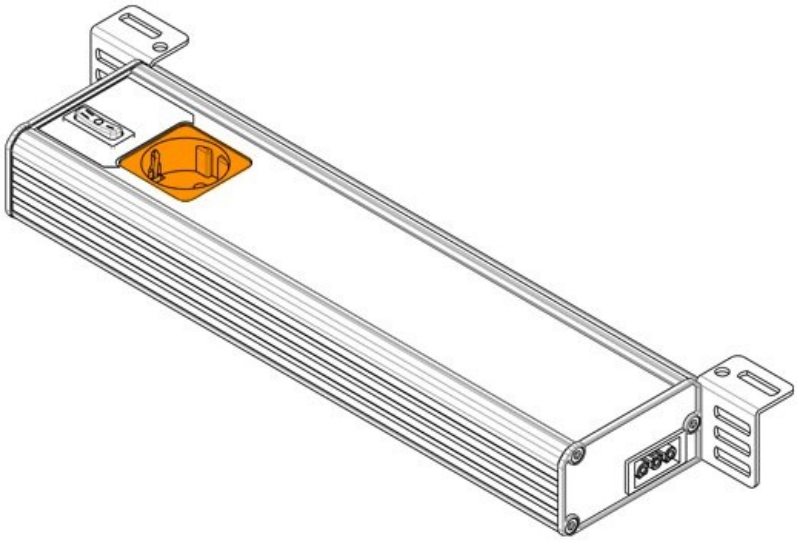

| | | | |
|---|---|---|---|
| Part No. | **81408** | Connection possibilities | **Feed-in, Through-wiring, Door operated switch** |
| EAN | | Connector type | **WAGO 770** |
| Package quantity | **1** | Rated power | **9 W** |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | Operating voltage | **120 V AC ±5%, 50 - 60 Hz** |
| Length | **347,2 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| Height | **48 mm** | Guidelines | **2014/35/EU, 2014/30/EU** |
| Width | **112,6 mm** | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.280 lm** |

**ALU-LINE 350 | EU**



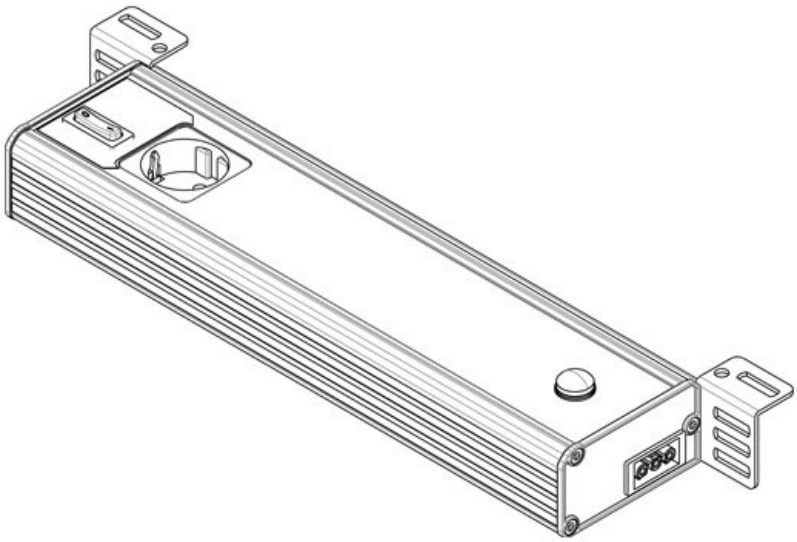
| | | | |
|---|---|---|---|
| Part No. | **81300** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| EAN | **4251269332883** | | |
| Package quantity | **1** | | |
| Length | **347,2 mm** | | |
| Height | **48 mm** | Connector type | **GST 18 socket** |
| Width | **112,6 mm** | Rated power | **12 W** |
| Version | **Socket D/Schuko (Type F, CEE 7/3)** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| | | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | EU orange**



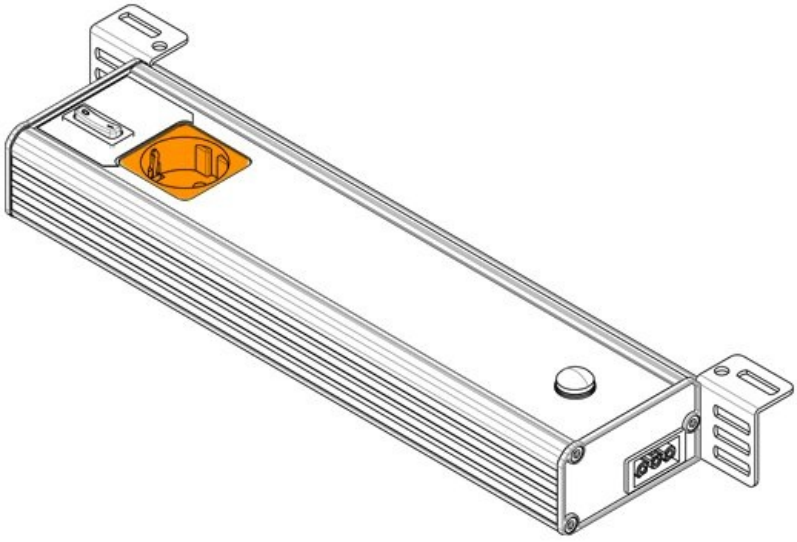
| | | | |
|---|---|---|---|
| Part No. | **81308** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| EAN | **4251269335273** | | |
| Package quantity | **1** | | |
| Length | **347,2 mm** | | |
| Height | **48 mm** | Connector type | **GST 18 socket** |
| Width | **112,6 mm** | Rated power | **12 W** |
| Version | **Socket D/Schuko (Type F, CEE 7/3)** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| | | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | EU with motion sensor**



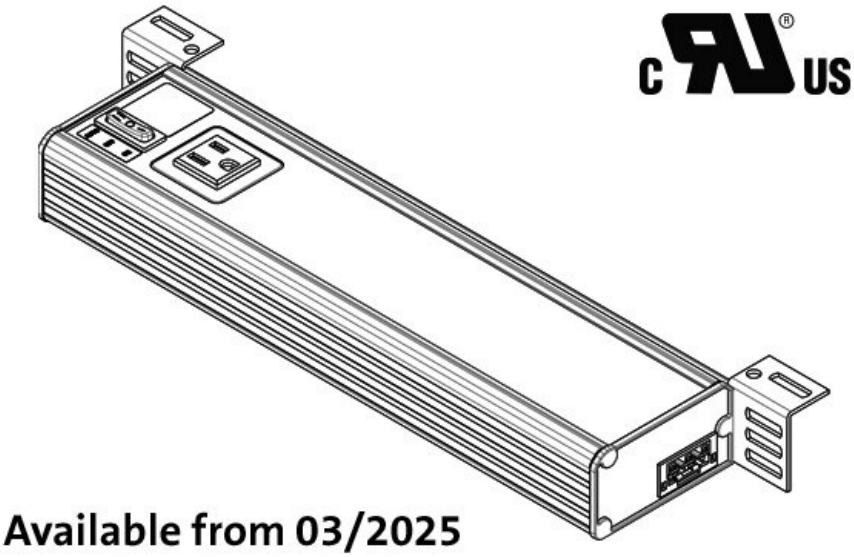
| | | | |
|---|---|---|---|
| Part No. | **81304** | Connection possibilities | **Feed-in, Through-wiring** |
| EAN | **4251269332920** | | |
| Package quantity | **1** | Connector type | **GST 18 socket** |
| Length | **347,2 mm** | Rated power | **12 W** |
| Height | **48 mm** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| Width | **112,6 mm** | | |
| Version | **Socket D/Schuko (Type F, CEE 7/3), PIR motion detector** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | EU orange with motion sensor**



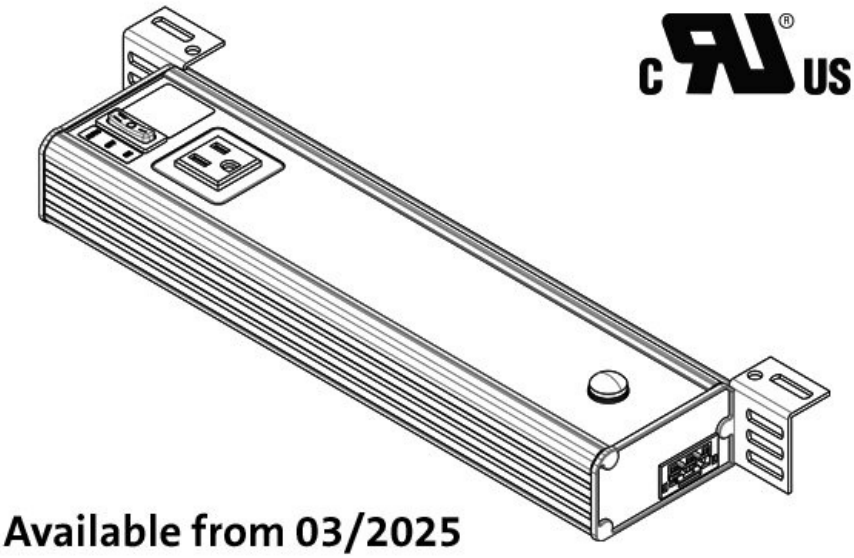
| | | | |
|---|---|---|---|
| Part No. | **81309** | Connection possibilities | **Feed-in, Through-wiring** |
| EAN | **4251269335280** | | |
| Package quantity | **1** | Connector type | **GST 18 socket** |
| Length | **347,2 mm** | Rated power | **12 W** |
| Height | **48 mm** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| Width | **112,6 mm** | | |
| Version | **Socket D/Schuko (Type F, CEE 7/3), PIR motion detector** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | US (UL/CSA)**



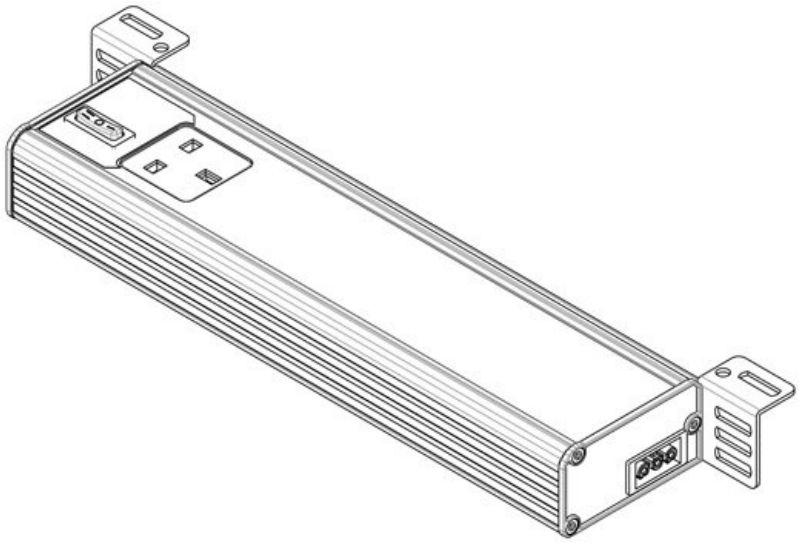

| | | | |
|---|---|---|---|
| Part No. | **81402** | Version | **Socket US (Type B NEMA 5)** |
| EAN | | | |
| Package quantity | **1** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | | |
| Length | **347,2 mm** | Connector type | **WAGO 770** |
| Height | **48 mm** | Rated power | **9 W** |
| Width | **112,6 mm** | Operating voltage | **125 V AC ±5%, 60 Hz** |
| | | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.280 lm** |

**ALU-LINE 350 | US with motion sensor (UL/CSA)**



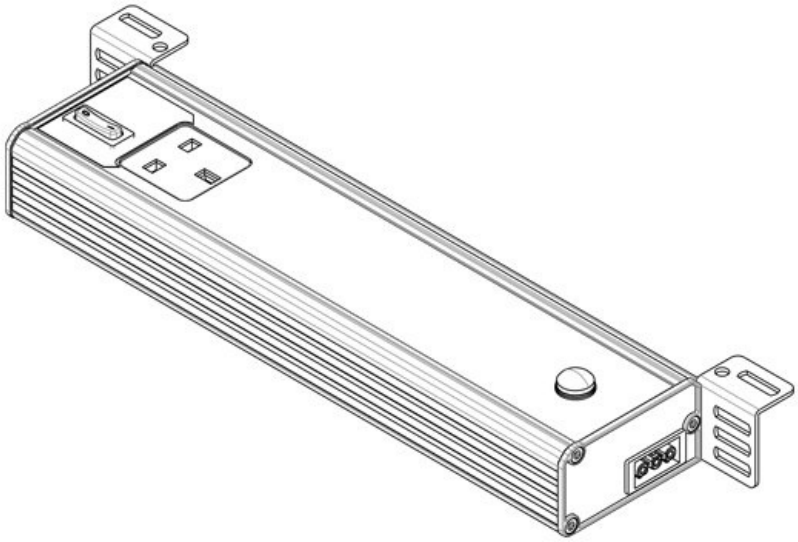

| | | | |
|---|---|---|---|
| Part No. | **81400** | Version | **PIR motion detector, Socket US (Type A NEMA 5)** |
| EAN | **4251269333477** | | |
| Package quantity | **1** | Connection possibilities | **Feed-in, Through-wiring** |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | Connector type | **WAGO 770** |
| Length | **347,2 mm** | Rated power | **9 W** |
| Height | **48 mm** | Operating voltage | **125 V AC ±5%, 60 Hz** |
| Width | **112,6 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.280 lm** |

**ALU-LINE 350 | GB**



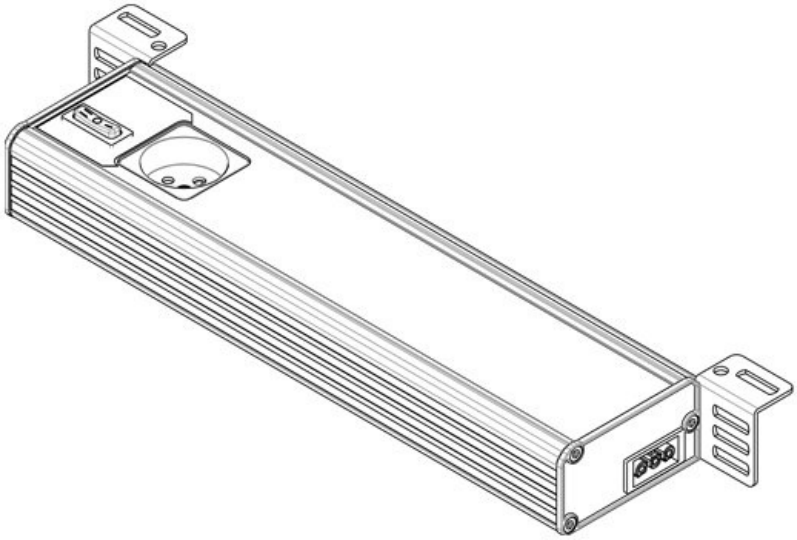
| | | | |
|---|---|---|---|
| Part No. | **81303** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| EAN | **4251269332913** | | |
| Package quantity | **1** | | |
| Length | **347,2 mm** | | |
| Height | **48 mm** | Connector type | **GST 18 socket** |
| Width | **112,6 mm** | Rated power | **12 W** |
| Version | **Socket GB (Type G, BS 1363)** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| | | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | GB with motion sensor**



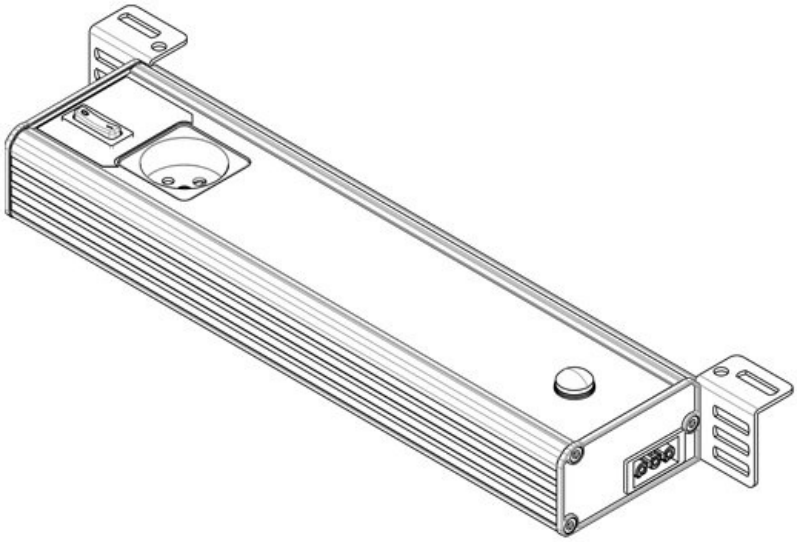
| | | | |
|---|---|---|---|
| Part No. | **81307** | Connection possibilities | **Feed-in, Through-wiring** |
| EAN | **4251269332951** | | |
| Package quantity | **1** | Connector type | **GST 18 socket** |
| Length | **347,2 mm** | Rated power | **12 W** |
| Height | **48 mm** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| Width | **112,6 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| Version | **Socket GB (Type G, BS 1363), PIR motion detector** | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | BE**



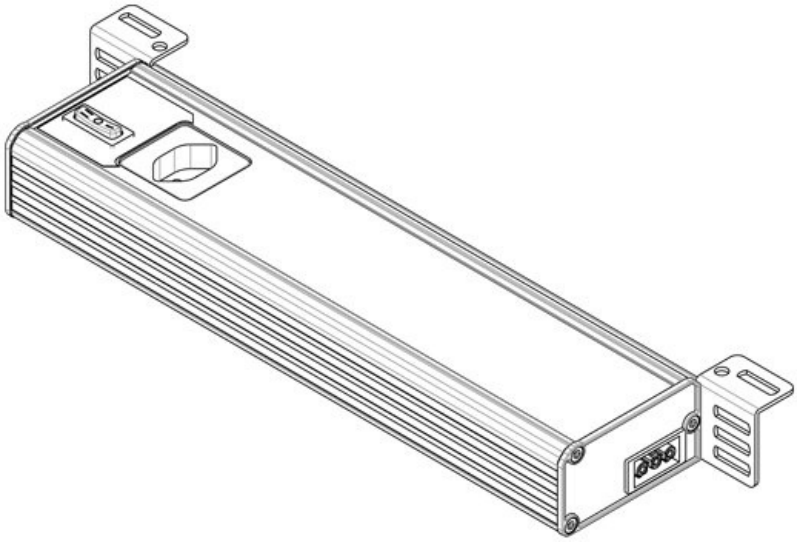
| | | | |
|---|---|---|---|
| Part No. | **81301** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| EAN | **4251269332890** | | |
| Package quantity | **1** | | |
| Length | **347,2 mm** | | |
| Height | **48 mm** | Connector type | **GST 18 socket** |
| Width | **112,6 mm** | Rated power | **12 W** |
| Version | **Socket F/B (Type E, CEE 7/5)** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| | | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | BE with motion sensor**



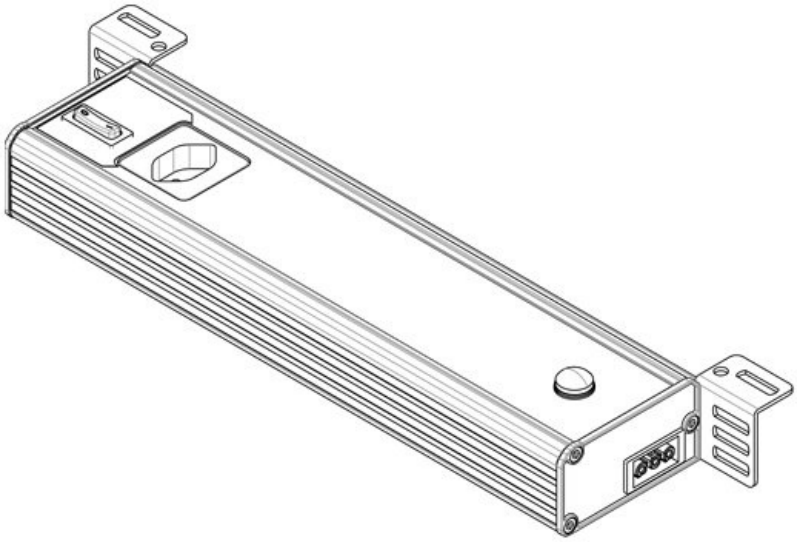
| | | | |
|---|---|---|---|
| Part No. | **81305** | Connection possibilities | **Feed-in, Through-wiring** |
| EAN | **4251269332937** | | |
| Package quantity | **1** | Connector type | **GST 18 socket** |
| Length | **347,2 mm** | Rated power | **12 W** |
| Height | **48 mm** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| Width | **112,6 mm** | | |
| Version | **PIR motion detector, Socket F/B (Type E, CEE 7/5)** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | CH**



| | | | |
|---|---|---|---|
| Part No. | **81302** | Connection possibilities | **Door operated switch, Through-wiring, Feed-in** |
| EAN | **4251269332906** | | |
| Package quantity | **1** | | |
| Length | **347,2 mm** | | |
| Height | **48 mm** | Connector type | **GST 18 socket** |
| Width | **112,6 mm** | Rated power | **12 W** |
| Version | **Socket CH (Type J, SEV 1011)** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| | | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| | | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**ALU-LINE 350 | CH with motion sensor**



| | | | |
|---|---|---|---|
| Part No. | **81306** | Connection possibilities | **Feed-in, Through-wiring** |
| EAN | **4251269332944** | | |
| Package quantity | **1** | Connector type | **GST 18 socket** |
| Length | **347,2 mm** | Rated power | **12 W** |
| Height | **48 mm** | Operating voltage | **230 V AC +/-5%, 50 – 60 Hz** |
| Width | **112,6 mm** | Test standard | **EN 60598, EN 62471, EN 55015, EN 61000** |
| Version | **PIR motion detector, Socket CH (Type J, SEV 1011)** | Guidelines | **2014/35/EU, 2014/30/EU** |
| | | Service life | **50.000 h** |
| | | Energy efficiency class | **F** |
| | | Consumption kWh/1000 h | **13** |
| | | Colour temperature | **5.600 K** |
| | | Colour rendering index CRI | **>80** |
| | | Luminous flux | **1.350 lm** |

**Connecting cable for ALU-LINE, 3000 mm**

| | | | |
|---|---|---|---|
| Part No. | **81330** | Material cable sheath | **PVC** |
| EAN | **4251269332968** | | |
| Package quantity | **1** | | |
| Length connecting cable | **3.000 mm** | | |
| Connector type | **Ferrules, GST 18 connector** | | |
| Operating voltage | **230 V AC ±5%, 50 – 60 Hz** | | |
| Colour | **orange** | | |

**Connecting cable for ALU-LINE (UL/CSA), 3000 mm**

| | | | |
|---|---|---|---|
| Part No. | **81430** | Colour | **orange** |
| EAN | | Material cable sheath | **PVC** |
| Package quantity | **1** | | |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | | |
| Length connecting cable | **3.000 mm** | | |
| Connector type | **Ferrules, WAGO 770** | | |
| Operating voltage | **100 - 240 V AC ±5%, 50 - 60 Hz** | | |

**Through-wiring cable for ALU-LINE, 600 mm**

| | | | |
|---|---|---|---|
| Part No. | **81331** | Material cable sheath | **PVC** |
| EAN | **4251269332975** | | |
| Package quantity | **1** | | |
| Length connecting cable | **600 mm** | | |
| Connector type | **GST 18 connector, GST 18 socket** | | |
| Operating voltage | **230 V AC ±5%, 50 – 60 Hz** | | |
| Colour | **orange** | | |

**Through-wiring cable for ALU-LINE (UL/CSA), 600 mm**

| | | | |
|---|---|---|---|
| Part No. | **81431** | Colour | **orange** |
| EAN | | Material cable sheath | **PVC** |
| Package quantity | **1** | | |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | | |
| Length connecting cable | **600 mm** | | |
| Connector type | **WAGO 770** | | |
| Operating voltage | **100 - 240 V AC ±5%, 50 - 60 Hz** | | |

**Through-wiring cable for ALU-LINE, 1000 mm**

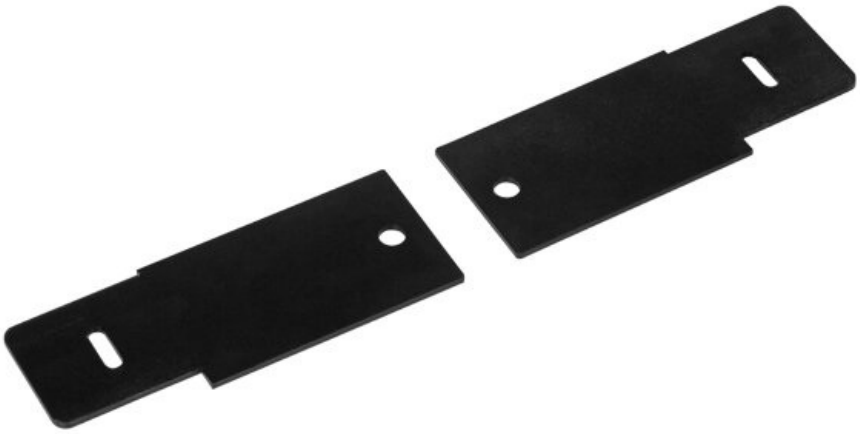
| | | | |
|---|---|---|---|
| Part No. | **81332** | Material cable sheath | **PVC** |
| EAN | **4251269332982** | | |
| Package quantity | **1** | | |
| Length connecting cable | **1.000 mm** | | |
| Connector type | **GST 18 connector, GST 18 socket** | | |
| Operating voltage | **230 V AC ±5%, 50 – 60 Hz** | | |
| Colour | **orange** | | |

**Through-wiring cable for ALU-LINE (UL/CSA), 1000 mm**

| | | | |
|---|---|---|---|
| Part No. | **81432** | Colour | **orange** |
| EAN | | Material cable sheath | **PVC** |
| Package quantity | **1** | | |
| UL Certificate | **UL-US-2442933-0 / UL-CA-2432446-0** | | |
| Length connecting cable | **1.000 mm** | | |
| Connector type | **WAGO 770** | | |
| Operating voltage | **100 - 240 V AC ±5%, 50 - 60 Hz** | | |

**Mounting plates 19" rack for ALU-LINE**

| | | |
|---|---|---|
| Part No. | **81337** | Diam. of screw **7 mm** holes |
| EAN | | |
| Package quantity | **2** | |
| Length | **111 mm** | |
| Width | **43,4 mm** | |
| Colour | **black** | |
| No. of screw holes | **2** | |



**Mounting magnet for ALU-LINE**

| | | |
|---|---|---|
| Part No. | **91008** | Diam. of screw **4,2 mm** holes |
| EAN | | |
| Package quantity | **1** | |
| Length | **20 mm** | |
| Height | **5 mm** | |
| Width | **20 mm** | |
| No. of screw holes | **1** | |

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