

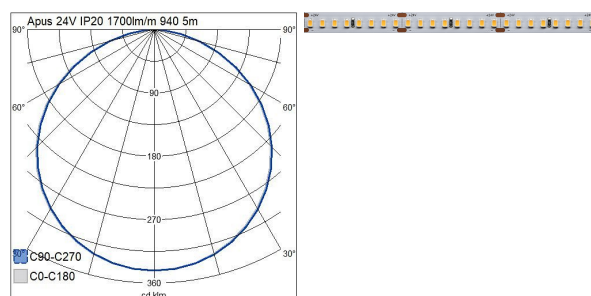
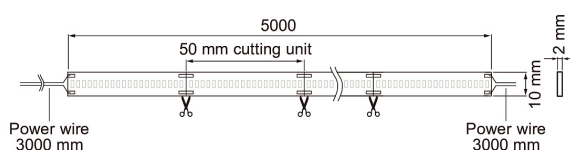


## Apus 24V

### 24V IP20 1700lm/m 940 5m

Apus 24V is a high-quality and energy-efficient LED strip with excellent color rendering. The Apus strip creates a uniform line of light and offers numerous options for implementing indirect lighting. The long 15-meter model of the series allows for a continuous installation, which can be utilized in corridors and other locations requiring long installations, especially in public spaces. Applications include kitchens, living spaces, hotels, and restaurants. The series offers four different power levels with two color temperatures. By selecting the appropriate power supply, you can adjust the dimming of the LED strip as desired. It is also available with Casambi control, cut to length, and installed in a profile if necessary – customization is smoothly carried out at our factory in Lahti. The series includes accessories that make it easy to connect the strips. Both ends of the strip have a power cord, allowing you to create two ready-to-install LED strips by cutting it. The length of the power cord (3 meters) also allows the power supply to be placed in a discreet location.

Apus 24V Led-strip 72W 14.4W/m wh 4000K IP20;  
Protection cl. III; L70B50 50000h; LED not  
exchangeable; CRI>90; Ending; 2x0.3mm<sup>2</sup>



| 24V IP20 1700lm/m 940 5m |        |      |                |
|--------------------------|--------|------|----------------|
| PRODUCT CODE             | CODE   | KG   | PRODUCT FAMILY |
| 4147015                  | A1APUF | 0.17 | Apus 24V       |

## 24V IP20 1700lm/m 940 5m

EC002706

| Mounting                                        |                  |
|-------------------------------------------------|------------------|
| Mounting method                                 | Surface mounting |
| Degree of protection (IP)                       | IP20             |
| Lowest bending radius (mm)                      | 30               |
| Type of wiring                                  | Ending           |
| Number of poles                                 | 2                |
| Conductor cross section (mm²)                   | 0.3              |
| Connectable conductor cross section (min) (mm²) | 1.5              |
| Connectable conductor cross section (max) (mm²) | 2.5              |
| Connection type                                 | Solder           |

| Structure                                                                    |                      |
|------------------------------------------------------------------------------|----------------------|
| Model                                                                        | Tape                 |
| Lamp type                                                                    | LED not exchangeable |
| Number of LEDs per metre                                                     | 160                  |
| Number of nodes per foot                                                     | 49                   |
| Exchangeable control gear                                                    | Yes                  |
| Energy efficiency class of light source according to EU regulation 2019/2015 | E                    |
| Length of particular segments (mm)                                           | 50                   |
| With end piece                                                               | No                   |
| With connection set                                                          | No                   |
| With protective cover                                                        | No                   |
| Self-adhesive                                                                | Yes                  |

| Dimming and control              |    |
|----------------------------------|----|
| Constant luminous flux control   | No |
| Compatible with Apple HomeKit    | No |
| Compatible with Google Assistant | No |
| Compatible with Amazon Alexa     | No |
| IFTTT support available          | No |

| Photometric data                |        |
|---------------------------------|--------|
| Luminous flux per meter (lm)    | 1730   |
| Radiation angle (°)             | 120    |
| Colour of light (alphanumeric)  | White  |
| Colour temperature (min) (K)    | 4000   |
| Colour temperature (max) (K)    | 4000   |
| Colour rendering index (CRI/Ra) | 90-100 |
| Colour temperature switchable   | No     |
| Lumen setting adjustable        | No     |
| Beam angle adjustable           | No     |

| Lifetime and capacity                                                           |       |
|---------------------------------------------------------------------------------|-------|
| Rated life time L70/B50 at 25 °C (h)                                            | 50000 |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 70    |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 10    |

| Measurements      |      |
|-------------------|------|
| Width (mm)        | 10   |
| Height/depth (mm) | 2    |
| Length (mm)       | 5000 |
| Total length (m)  | 5    |

| Electrotechnical data                   |                                         |
|-----------------------------------------|-----------------------------------------|
| Lamp power per meter (W)                | 14.4                                    |
| Lamp power per foot (W)                 | 4.4                                     |
| Luminaire efficacy (lm/W)               | 120                                     |
| Voltage type                            | DC                                      |
| Lamp voltage (min) (V)                  | 24                                      |
| Lamp voltage (max) (V)                  | 24                                      |
| Type of control gear                    | LED operating device voltage-controlled |
| Protection class according to IEC 61140 | III                                     |
| Maximum system power (W)                | 72                                      |
| Power factor                            | 1                                       |