

5601135 SICOM ED-S 75 IP67 24V

Product Feature

- Wide input voltage with active PFC,full loading output
- Ultra-thin design,save install space
- Adapt to the harsh working environment
- Isolated design, safe and reliable
- Protections: overload, over temperature short circuit, lightning protection etc.
- Conformed with CE/CB/CCC/SELV certification.
- The typical efficiency up to 89%
- Protect level IP67
- Warranty 5 years



Application

Wall Washer
 LED Strip Light
 LED Tube
 Underground Light
 AR111 Venture Light

CE

CB

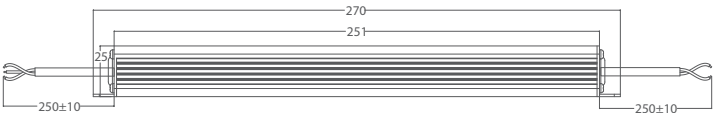
RoHS

SELV

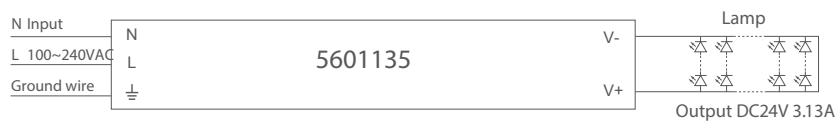
Technical Parameters

|              |                                |                                                                                          |
|--------------|--------------------------------|------------------------------------------------------------------------------------------|
| Model        | 5601135 SICOM ED-S 75 IP67 24V |                                                                                          |
| Input        | Efficiency                     | 89%@240VAC, full load                                                                    |
|              | Voltage                        | 100VAC-240VAC                                                                            |
|              | Frequency                      | 47~63Hz                                                                                  |
|              | Power Factor                   | >0.95                                                                                    |
|              | THD                            | <10%@230VAC, full load                                                                   |
|              | Current                        | 1Amax@240VAC, full load                                                                  |
|              | Inrush Current                 | Cold start <50A @240VAC(full load)                                                       |
| Output       | Current/Voltage/Power          | 3.13A/24VDC/75W                                                                          |
|              | Ripple Current                 | <120mVp-p                                                                                |
|              | Output Pst LM(at full load)    | ≤1                                                                                       |
|              | SVM                            | ≤0.4                                                                                     |
|              | Channel                        | 1                                                                                        |
|              | Voltage Tolerance              | ±2%                                                                                      |
| Protection   | Short Circuit                  | Auto recovery when failure is removed                                                    |
|              | Over Voltage                   | <36VDC Shut down the output, After restart recovers automatically                        |
|              | Over Current                   | < 4 A auto recovery when failure is removed                                              |
| Safety & EMC | Surge                          | L-N:2kV,L,N-FG:4kV                                                                       |
|              | Withstand Voltage              | I/P-O/P:3000VAC/5mA I/P-FG:1500VAC/5mA O/P-FG:500VAC/5mA                                 |
|              | Safety standard                | IEC/EN61347-1,IEC/EN61347-2-13,GB19510.1,GB19510.14                                      |
|              | EMC Eission                    | EN50515,EN61000-3-2 Class C,IEC61000-3-3                                                 |
|              | EMC Immunity                   | EN61000-4-2,3,4,5,6,8,11 EN61547,GB17625.1                                               |
| Others       | Working Temp.                  | -25 ~ + 60C°                                                                             |
|              | Storage Temp.; Humidity        | -40 ~85C° , 20-90%RH                                                                     |
|              | Tc                             | 90C°                                                                                     |
|              | Material                       | Metal                                                                                    |
|              | IP Rating                      | IP67                                                                                     |
|              | Lifetime                       | 50,000 h                                                                                 |
|              | Warranty                       | 5 years                                                                                  |
|              | Switch Cycle                   | >100,000 times                                                                           |
|              | Packaging                      | Net weight: 820g±5%/PCS; 20PCS/Carton; 17kg±5%/Carton; Carton Size: 325*315*195mm(L*W*H) |
|              | Dimension                      | 270*61*25mm (L*W*H)                                                                      |

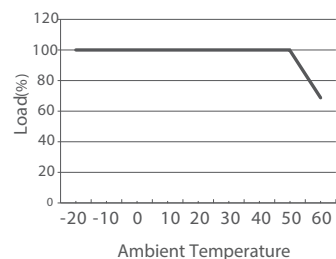
Dimension(mm)



## Wiring Diagram



## Derating Curve



## Cautions

- 1 This product should cut off the input voltage and installed by a professional.
- 2 Make sure that the output voltage and current of the power supply must meet the specifications of the lamp before installation.
- 3 It is waterproof IP67,do not soak in water for a long time when using.
- 4 The driver should be installed in a well space and environment.
- 5 The sectional area of the conductor wire which connect to the driver and lamp should be enough (Recommended less than  $4A/mm^2$  ).
- 6 Make sure all connections are correct and secure before powering up.
- 7 If break down during use,it must be repaired by a professional or contact the supplier.