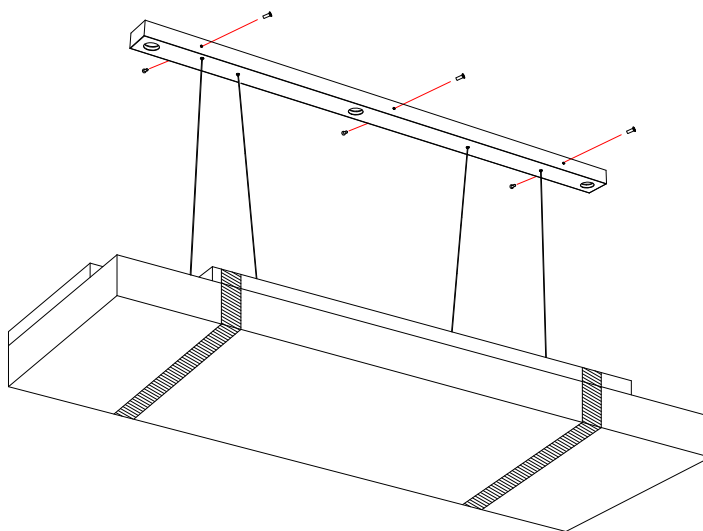


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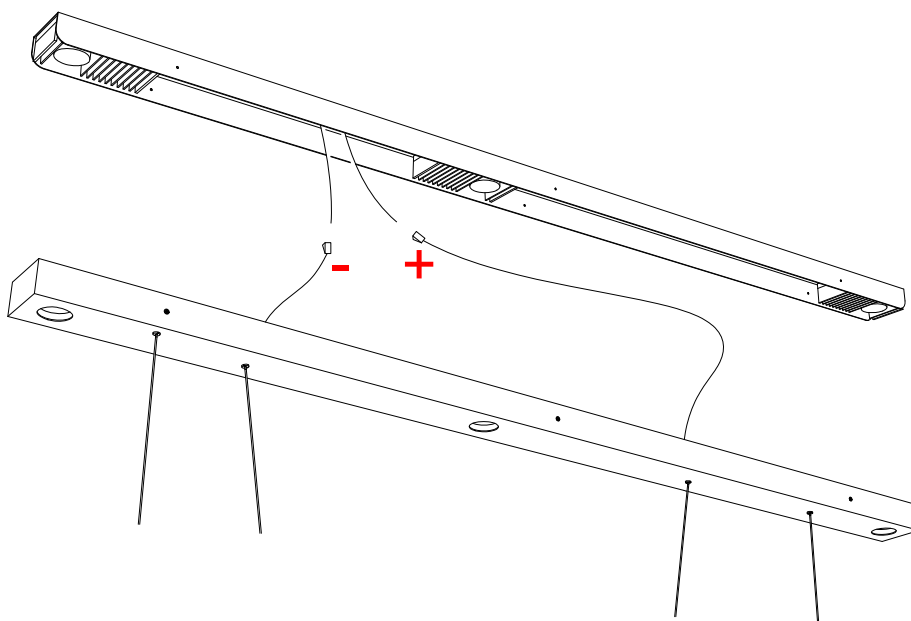
- ① Remove the rosette from the foam.  
Do not remove the rest of the lamp from the foam.  
Remove the screws that fix the canopy to the bracket.

-----  
Sfilare il rosone dall'imballo.  
Non rimuovere il resto della lampada dall'imballo.  
Rimuovere le viti che mantengono la staffa fissata al supporto.



- ② Disconnect the clamps + and -

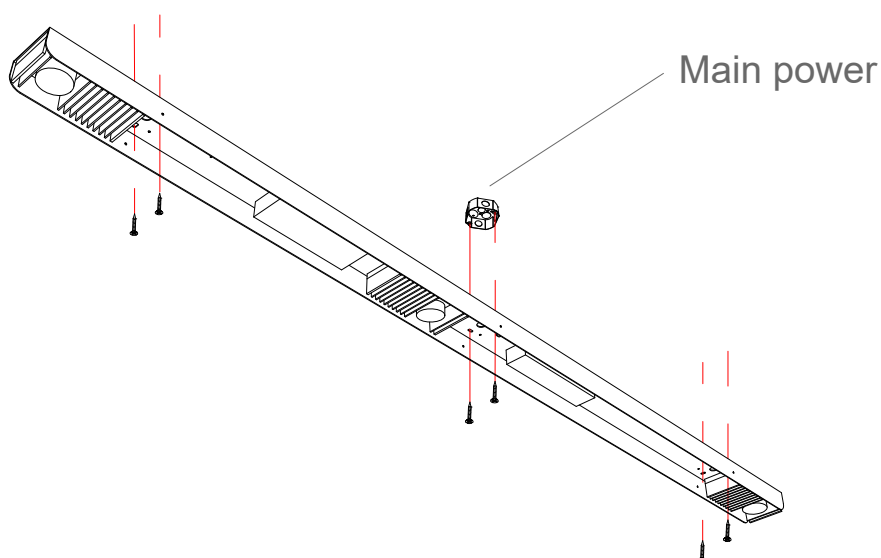
-----  
Scollegare i morsetti + e -



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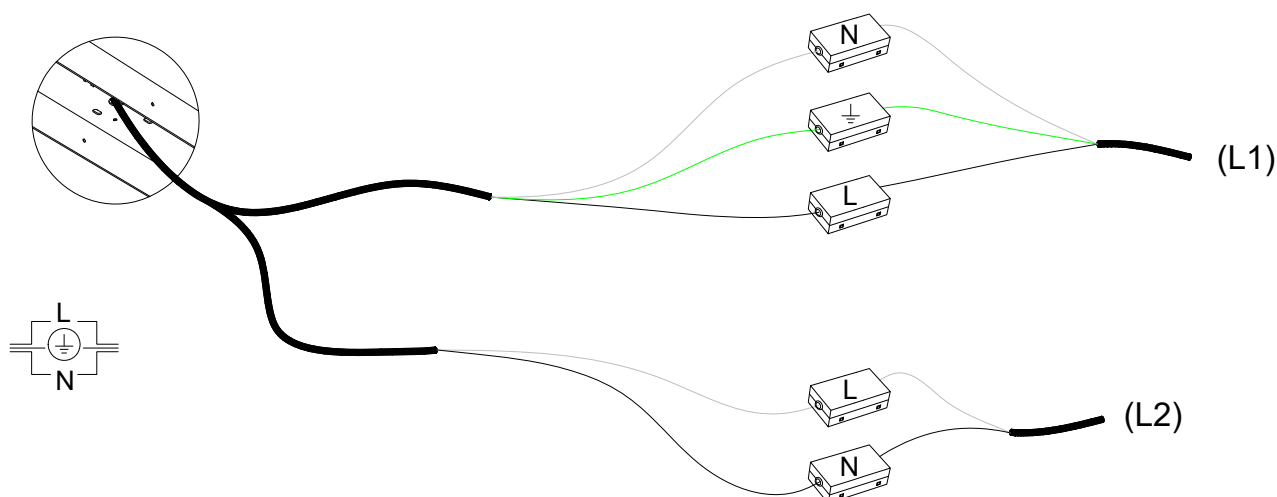
- ③ Fix the bracket on the ceiling (use appropriate anchors depending on the type of ceiling).

Fissare la staffa a soffitto (utilizzare tasselli appropriati in base al tipo di soffitto).



- ④ Connect the cables following the sketch.  
The lamp is provided with clamps for separated light up.  
If not supported connect the clamps together.

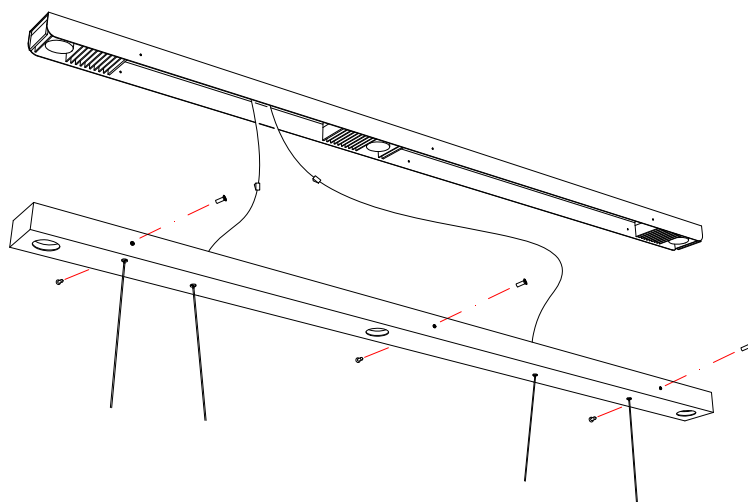
Unire i cavi seguendo lo schema.  
La lampada è provvista di morsetti per l'accensione separata.  
Laddove non fosse prevista unire assieme i morsetti



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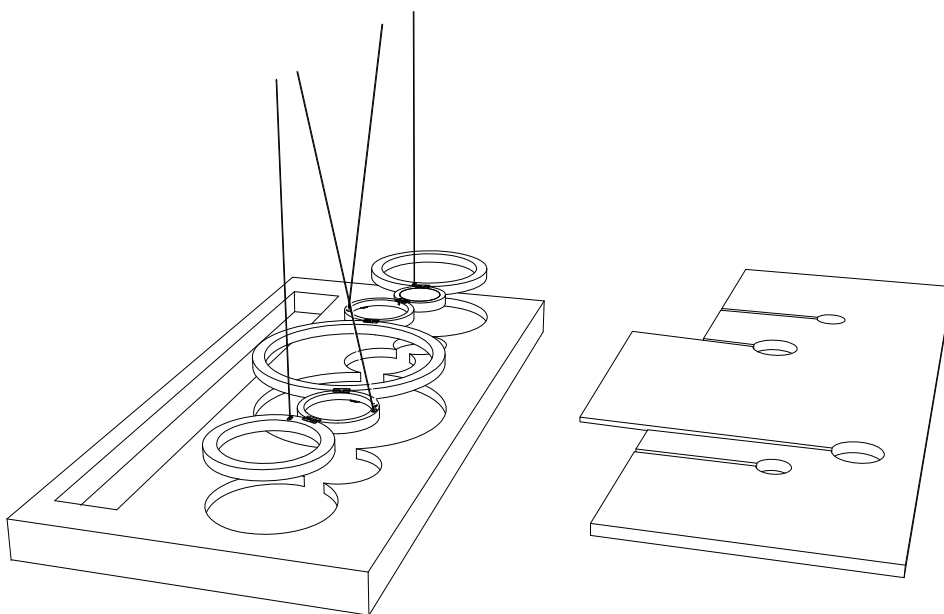
- ⑤ Connect the clamps + and -  
Fix the canopy on the bracket with the screws provided.

-----  
Ricollegare i morsetti + e -  
Fissare il rosone alla staffa utilizzando le viti fornite.



- ⑥ Remove the lamp from the foam.

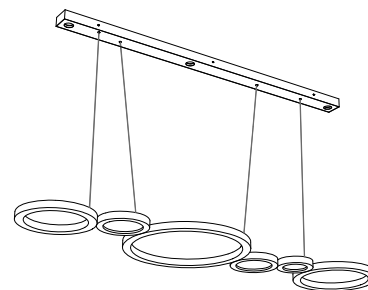
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Rimuovere la lampada dall'imballo.



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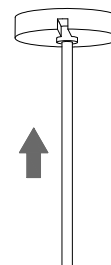
⑦ Approximately set the length of the metal cables.

Impostare la lunghezza approssimativa dei cavi metallici.



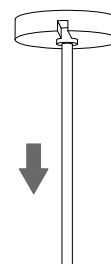
To shorten the length of the metal cable, gently push in the griplock.

Per accorciare l'altezza del cavo metallico, infilarlo delicatamente nel griplock.



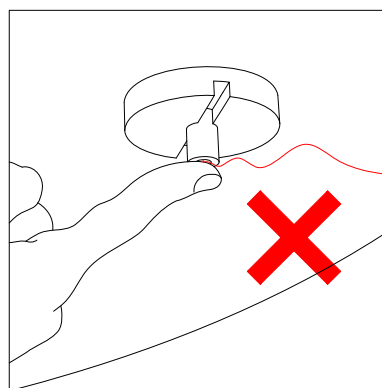
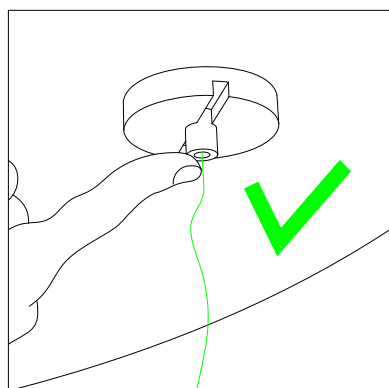
To extend the length of the metal cable, gently pull it out, while pushing the griplock's movable part.

Per estendere la lunghezza del cavo metallico, estrarlo delicatamente mentre si esercita pressione sul griplock.



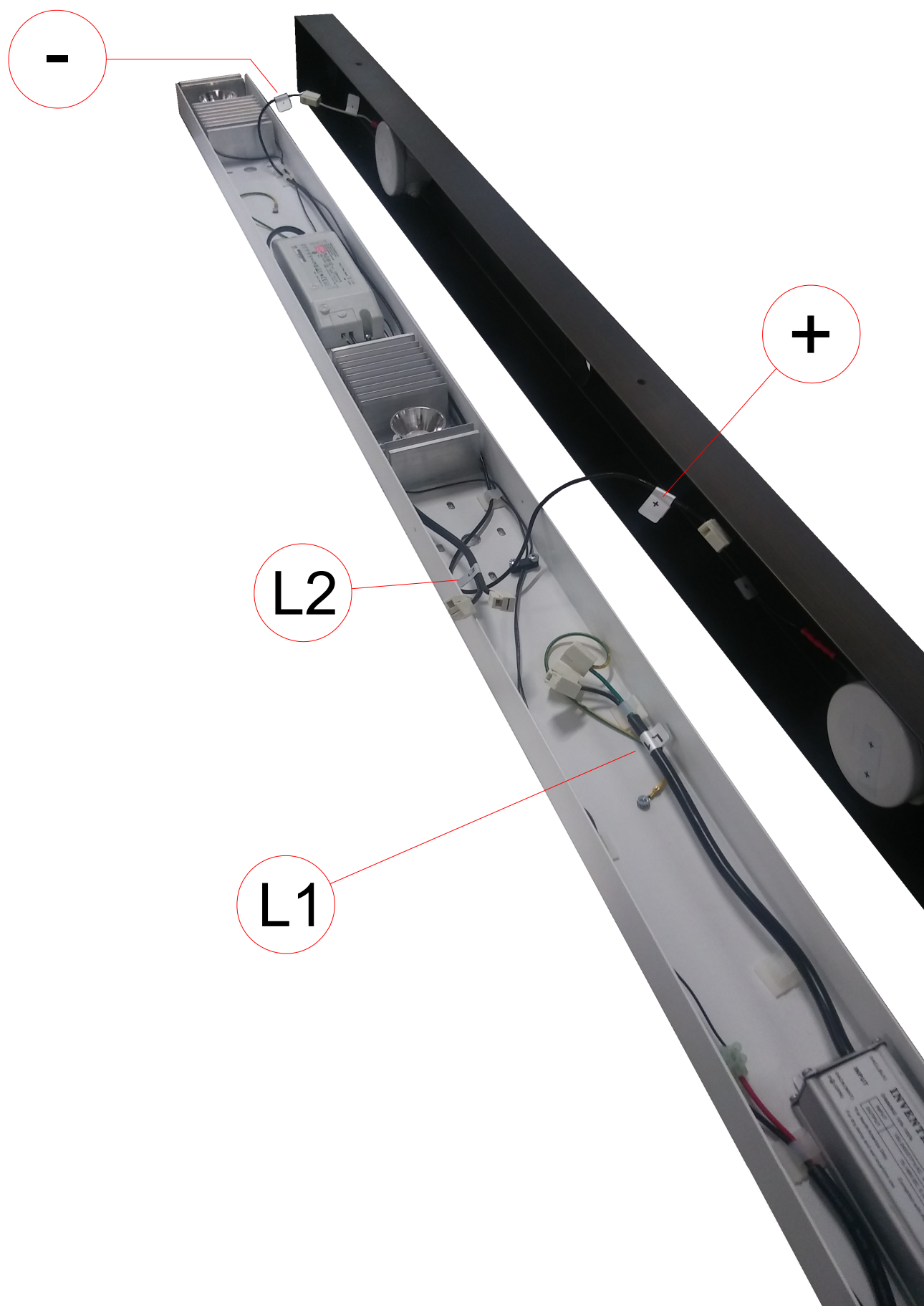
Use the griplock by pressing with the tip of your finger without bending the metal cable.

Per regolare il griplock premere con la punta del dito senza piegare il cavo metallico.





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# EUC-052S035DT

52W Constant Current IP67 Driver



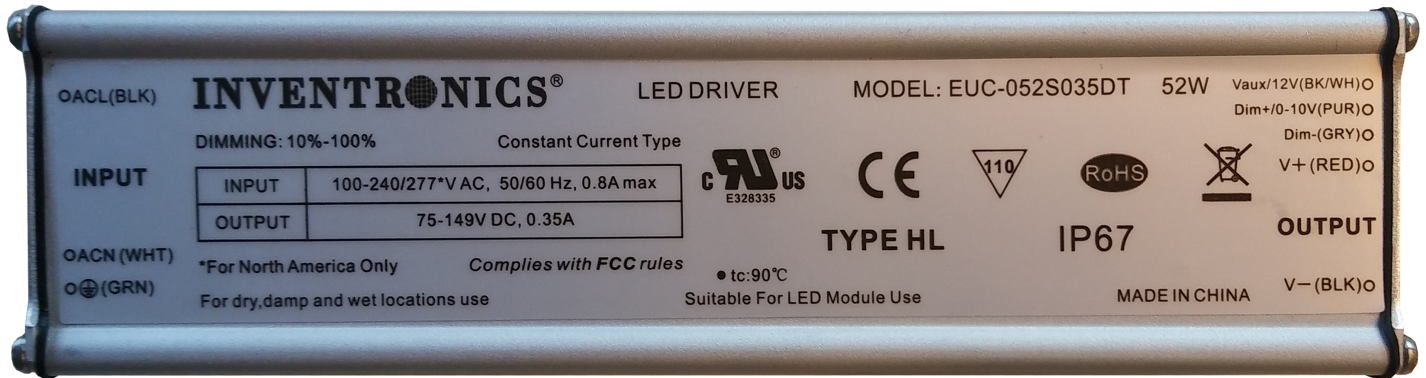
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## INVENTRONICS



### Features

- High Efficiency (Up to 90%)
- Second Generation with Improved Performance
- Active Power Factor Correction (Typical 0.95)
- Constant Current Output
- 0-10V Dimmable
- All-Around Protection: OVP, SCP, OLP, OTP
- Waterproof (IP67) and UL Dry / Damp / Wet Location
- Class 2 and SELV Output
- 5 Years Warranty
- Input Surge Protection: 4kV line-line, 6kV line-earth

### Description

The *EUC-052SxxxDT(ST)* series is a 52W, constant-current IP67 LED driver that operates from 90~305 Vac input with excellent power factor. It is created for architecture lighting, decorative lighting, tunnel and street lighting. The high efficiency of these drivers and metal case enable them to run cooler, significantly improving reliability and extending product life. To ensure trouble-free operation, protection is provided against input surge, output over voltage, short circuit, over load and over temperature.

### Models

| Output Current | Input Voltage Range(1) | Output Voltage Range | Max. Output Power | Typical Efficiency (2) | Power Factor |        | Model Number                     |
|----------------|------------------------|----------------------|-------------------|------------------------|--------------|--------|----------------------------------|
|                |                        |                      |                   |                        | 120Vac       | 220Vac |                                  |
| 350 mA         | 90 ~ 305 Vac           | 75 ~ 149 Vdc         | 52 W              | 90%                    | 0.96         | 0.95   | EUC-052S035DT(ST) <sup>(3)</sup> |

60W Single Output LED Power Supply



DRIVER - TRASFORMATORE

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|              |  |
|--------------|--|
| MODEL        |  |
| OUTPUT       | DC VOLTAGE   |
|              | CONSTANT CURRENT REGION Note.6   |
|              | RATED CURRENT  |
|              | CURRENT RANGE  |
|              | RATED POWER  |
|              | RIPPLE & NOISE (max.) Note.2   |
|              | VOLTAGE ADJ. RANGE Note.5  |
|              | CURRENT ADJ. RANGE Note.5  |
|              | VOLTAGE TOLERANCE Note.3   |
|              | LINE REGULATION  |
| INPUT        | LOAD REGULATION  |
|              | SETUP TIME   |
|              | VOLTAGE RANGE Note.4   |
|              | FREQUENCY RANGE  |
|              | POWER FACTOR (Typ.)  |
|              | TOTAL HARMONIC DISTORTION  |
|              | EFFICIENCY (Typ.)  |
|              | AC CURRENT (Typ.)  |
|              | INRUSH CURRENT (Typ.)  |
|              | MAX. No. of PSUs on 16A CIRCUIT BREAKER  |
| PROTECTION   | LEAKAGE CURRENT  |
|              | OVER CURRENT   |
|              | SHORT CIRCUIT  |
|              | OVER VOLTAGE   |
|              | OVER TEMPERATURE   |
| ENVIRONMENT  | WORKING TEMP.  |
|              | WORKING HUMIDITY   |
|              | STORAGE TEMP., HUMIDITY  |
|              | TEMP. COEFFICIENT  |
|              | VIBRATION  |
| SAFETY & EMC | SAFETY STANDARDS   |
|              | WITHSTAND VOLTAGE  |
|              | ISOLATION RESISTANCE   |
|              | EMC EMISSION   |
|              | EMC IMMUNITY   |
| OTHERS       | MTBF   |
|              | DIMENSION  |
|              | PACKING  |
| NOTE         | 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.<br>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.<br>3. Tolerance : includes set up tolerance, line regulation and load regulation.<br>4. Derating may be needed under low input voltage. Please check the static characteristics for more details.<br>5. Output voltage can be adjusted through the SVR1 on the PCB ; limit of output constant current level can be adjusted through the SVR2 on the PCB.<br>6. Please refer to "DRIVING METHODS OF LED MODULE".<br>7. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.<br>8. Direct connecting to LEDs is suggested, but is not suitable for using additional drivers.<br>9. To fulfill requirements of the latest ERP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains.<br>10. The ambient temperature derating of 3.5 /1000m with fanless models and of 5 /1000m with fan models for operating altitude higher than 2000m(6500ft). |