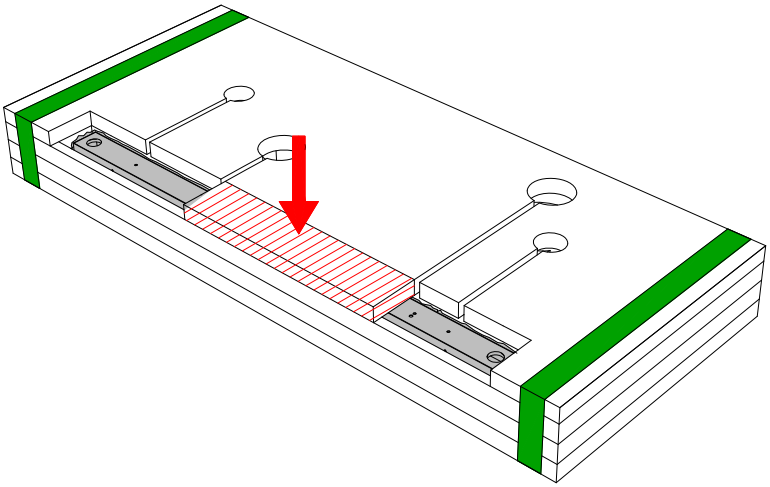
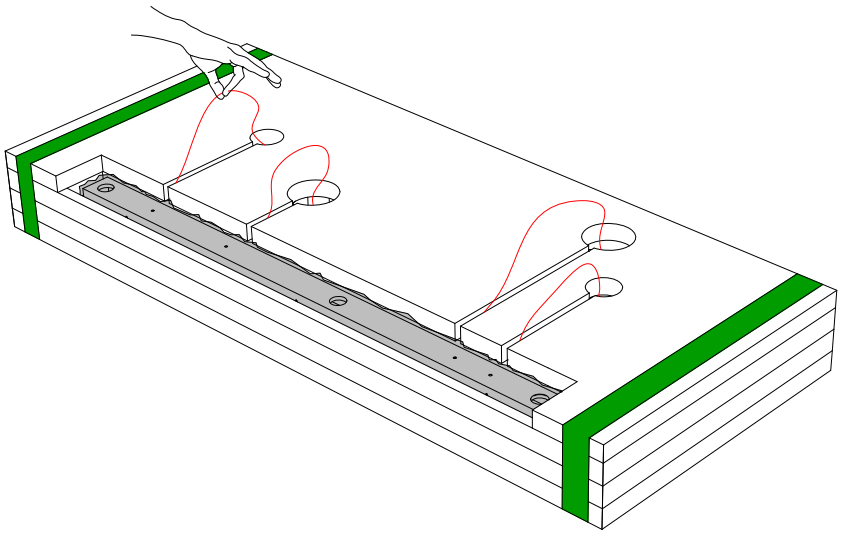
① Remove the packaging from the carton.
Do not remove all the polystyrene but only the strip indicated by the arrow.
WARNING! DO NOT REMOVE GREEN ADHESIVE TAPE UNTIL WILL NOT BE INDICATED

Sfilare l'imballo dal cartone.
Non rimuovere tutto il polistirolo ma soltanto la striscia indicata dalla freccia.
ATTENZIONE! NON RIMUOVERE IL NASTRO ADESIVO VERDE FINCHÈ NON VERRÁ INDICATO



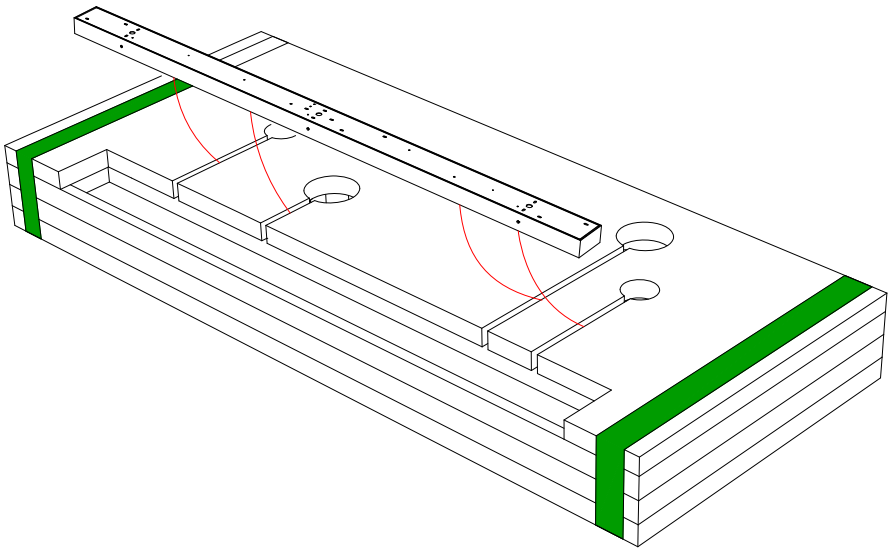
② Gently lift the upper layer of polystyrene being careful not to break it and pull out the steel cables **without bending them and remove the laces.**

Sollevare delicatemente lo strato superiore di polistirolo facendo attenzione a non romperlo e sfilare i cavi di acciaio **senza piegarli e togliere i laccetti.**



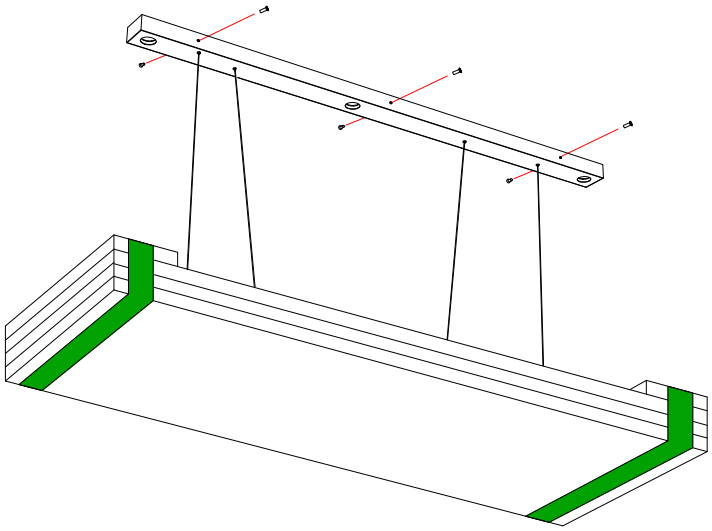
③ Gently lift the canopy and remove it from the bag that wraps it, taking care not to bend the steel cables.

Sollevare delicatamente il rosone e rimuoverlo dal sacchetto che lo avvolge facendo attenzione a non piegare i cavi di acciaio.



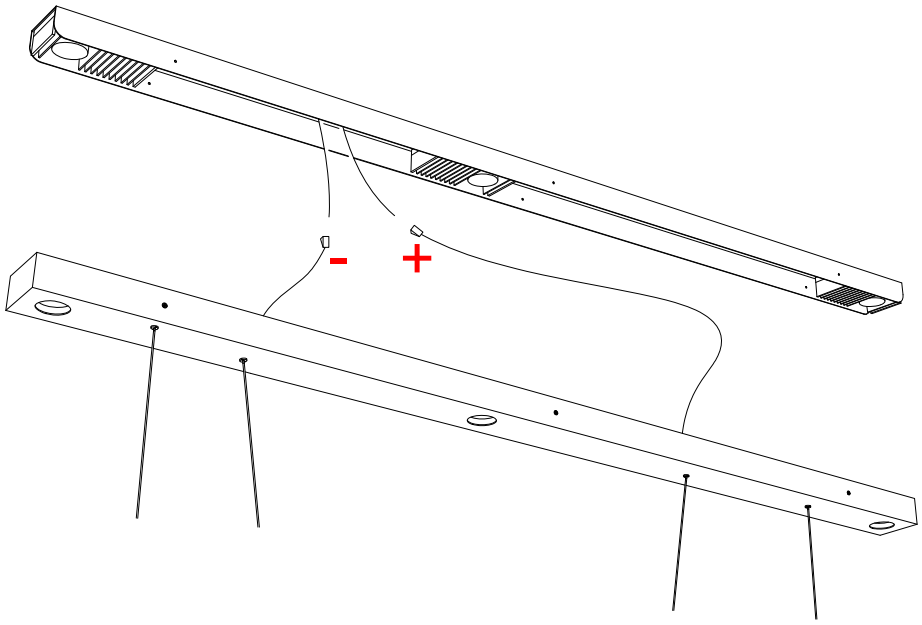
④ Lift the canopy and remove the screws that keep it fixed to the bracket.

Sollevare il rosone e rimuovere le viti che lo mantengono fissato alla staffa.



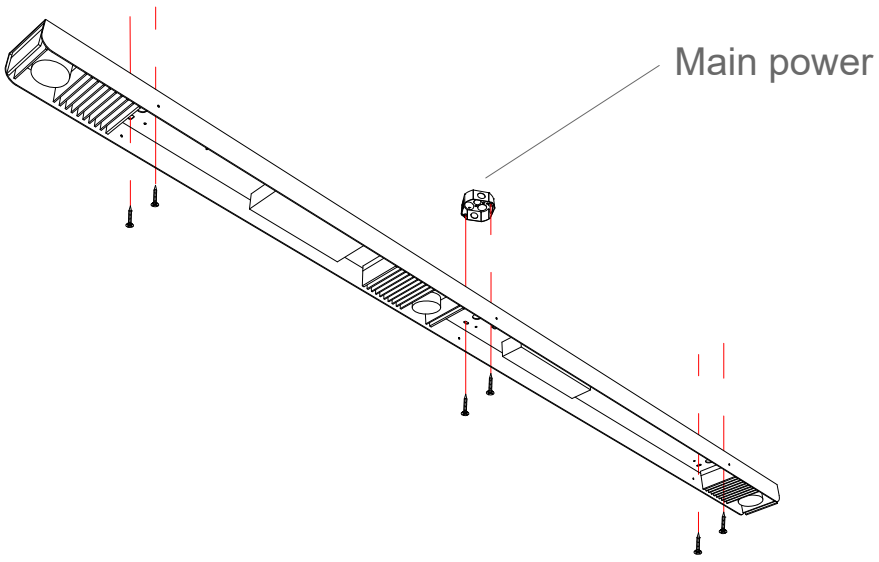
⑤ Disconnect the clamps **+** and **-**

Scollegare i morsetti **+** e **-**



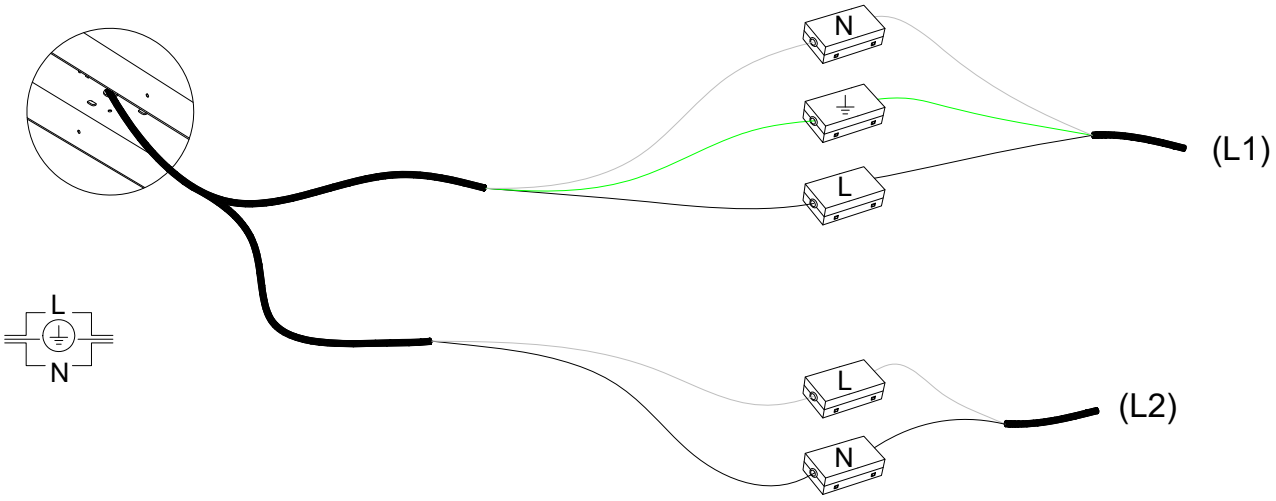
⑥ Fix the bracket on the ceiling (use appropriate anchors depending on the type of ceiling).

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



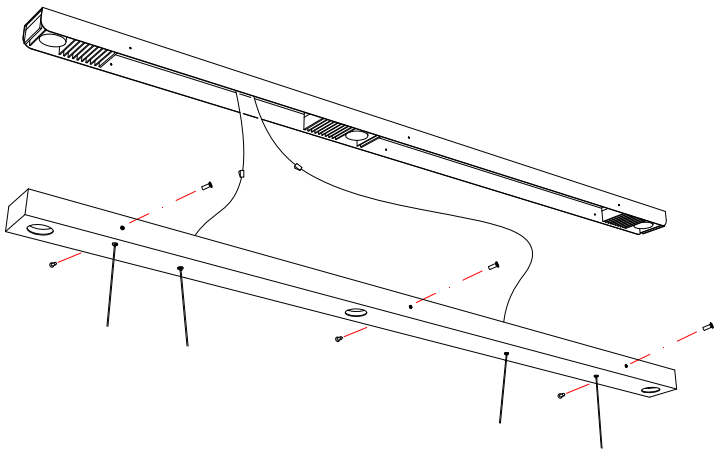
⑦ Connect the cables following the sketch.
The lamp is provided with clamps for separated light up, if not supported connect the clamps together.

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



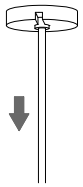
⑧ Connect the clamps **+** and **-**
Fix the canopy on the bracket with the screws provided.

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



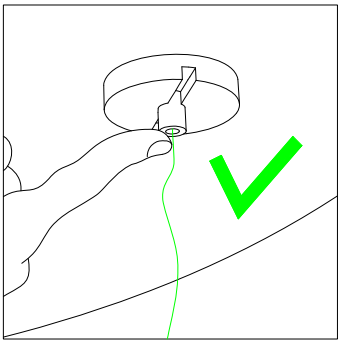
⑨ To shorten the length of the metal cable, gently push in the griplock.

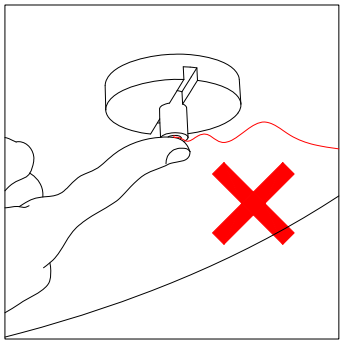
Per accorciare l'altezza del cavo metallico, infilarlo delicatamente nel griplock.



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.



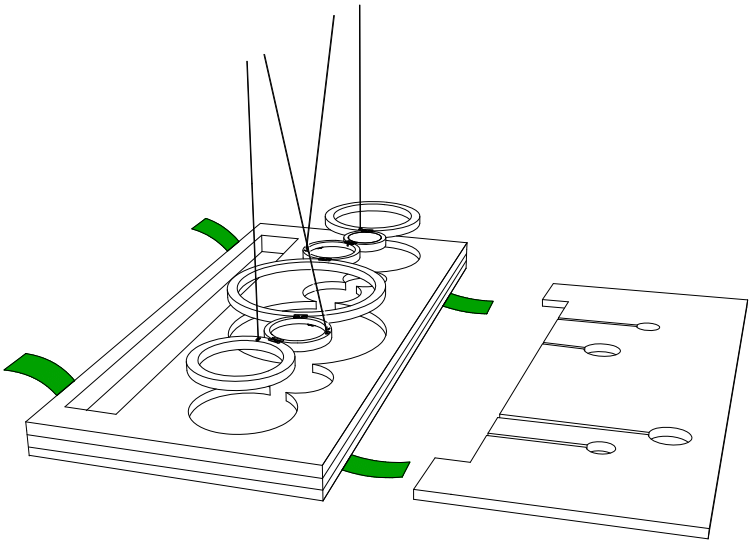


Use the griplock by pressing with the tip of your finger without bending the metal cable.

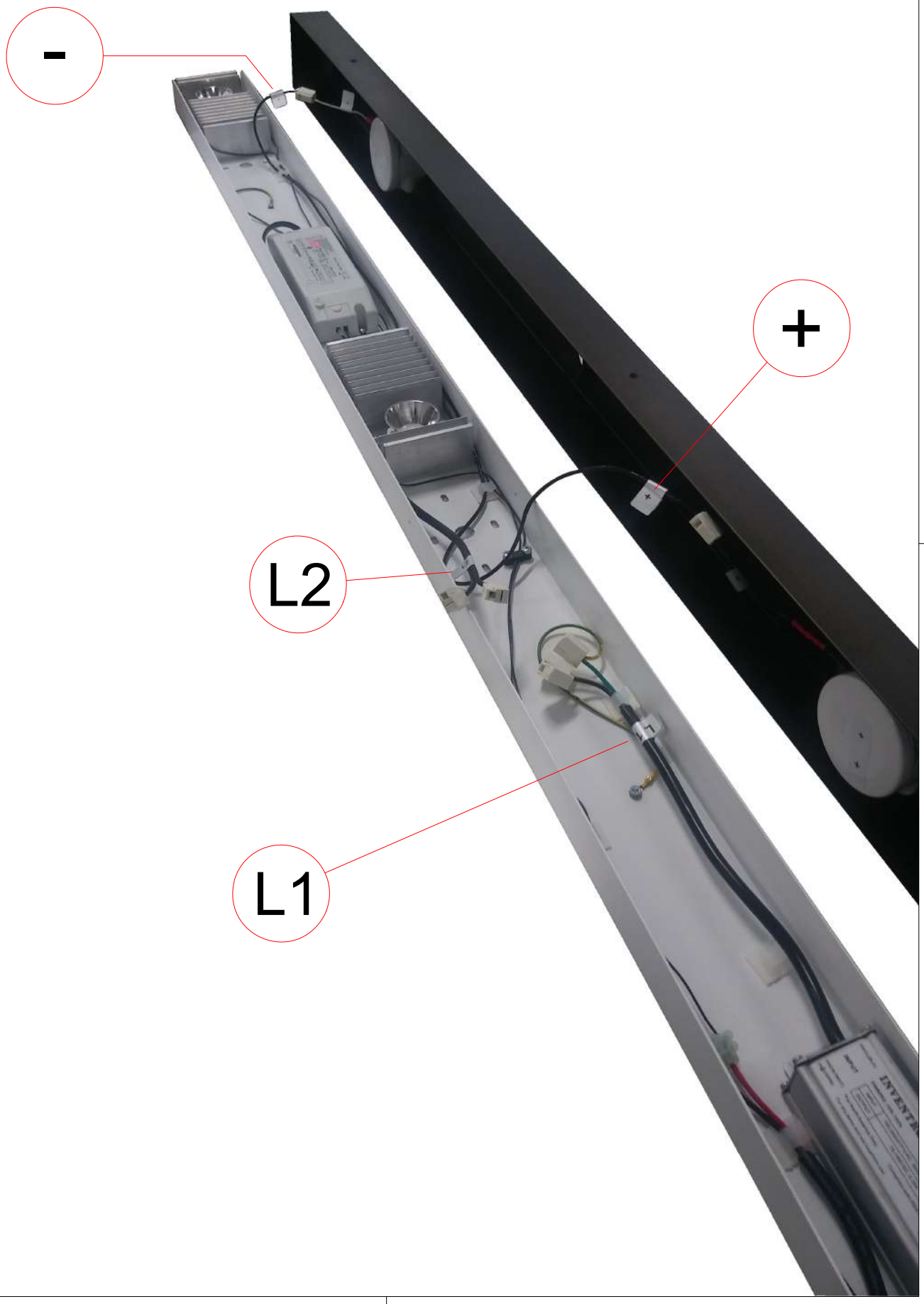
Per regolare il griplock premere con la punta del dito senza piegare il cavo metallico.

⑩ Make sure that the lamp is aligned with the ceiling and that the tension of the cables is well distributed.Remove the green adhesive tape.
Remove the lamp from the foam.

Assicurarsi che la lampada sia allineata con il soffitto e che la tensione dei cavi sia ben distribuita.
Rimuovere il nastro adesivo verde.
Rimuovere la lampada dall'imballo.

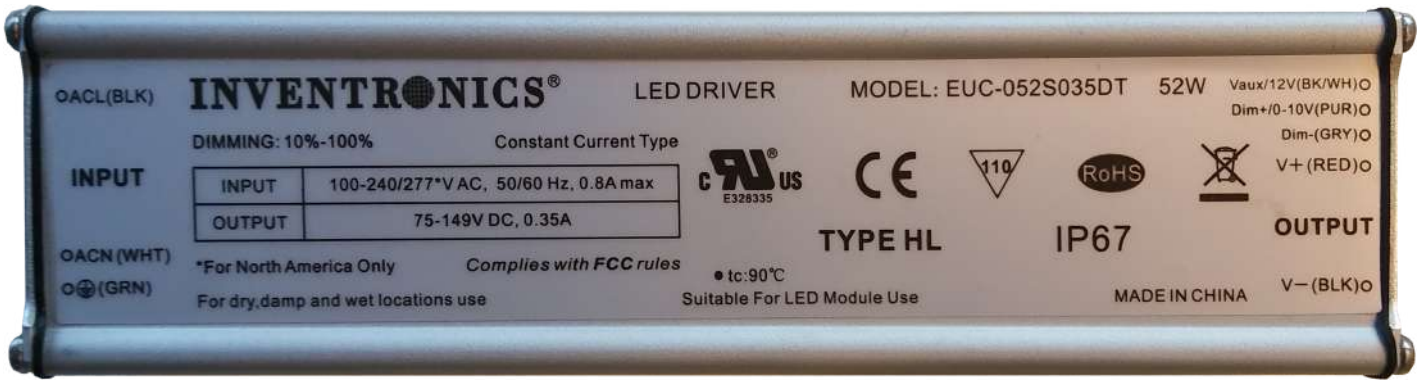


ALL OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSON



EUC-052S035DT

52W Constant Current IP67 Driver



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)(3)

60W Single Output LED Power Supply

CONTARDI®

DRIVER - TRASFORMATORE

DRAWN BY N.O.

(for 48V only) (except for 48V)

MEAN WELL

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	±10%						
	LINE REGULATION	±3.0%						
	LOAD REGULATION	±5.0%						
	SETUP TIME	500ms / 230VAC 3000ms / 115VAC at full load						
INPUT	VOLTAGE RANGE Note.4	90 ~ 264VAC 127 ~ 370VDC						
	FREQUENCY RANGE	47 ~ 63Hz						
	POWER FACTOR (Typ.)	PF>0.92/115VAC, PF>0.9/230VAC at full load (Please refer to "Power Factor Characteristic" curve)						
	TOTAL HARMONIC DISTORTION	THD< 20% when output loading 75% at 115VAC/230VAC input						
	EFFICIENCY (Typ.)	85%	86%	87.5%	87%	88%	89%	89%
	AC CURRENT (Typ.)	0.8A/115VAC 0.4A/230VAC						
	INRUSH CURRENT (Typ.)	COLD START 35A(twidth=35μs measured at 50% Ipeak) at 230VAC						
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	32 units (circuit breaker of type B) / 32 units (circuit breaker of type C) at 230VAC						
	LEAKAGE CURRENT	<0.75mA / 240VAC						
PROTECTION	OVER CURRENT	95 ~ 110%						
		Protection type : Constant current limiting, recovers automatically after fault condition is removed						
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed.						
	OVER VOLTAGE	13.8 ~ 16V	17.5 ~ 21V	23 ~ 26V	28 ~ 32V	31 ~ 35V	41 ~ 46V	54 ~ 60V
		Protection type : Shut down o/p voltage, re-power on to recover						
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down						
ENVIRONMENT	WORKING TEMP.	-30 ~ +50 (Refer to "Derating Curve")						
	WORKING HUMIDITY	20 ~ 95% RH non-condensing						
	STORAGE TEMP., HUMIDITY	-40 ~ +80 , 10 ~ 95% RH						
	TEMP. COEFFICIENT	±0.03%/ (0 ~ 50)						
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes						
SAFETY & EMC	SAFETY STANDARDS	UI1310, TUV EN61347-1, EN61347-2-13, GB19510.14, GB19510.1, CAN/CSA C22.2 No. 223-M91(except for 48V), J61347-1, J61347-2-13,EAC TP TC 004 approved						
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC						
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25 / 70% RH						
	EMC EMISSION	Compliance to EN55015, GB17743, GB17625.1, EN61000-3-2 Class C (75% load) ; EN61000-3-3,EAC TP TC 020						
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024,EN61547, light industry level, criteria A,EAC TP TC 020						
OTHERS	MTBF	515Khrs min. MIL-HDBK-217F (25)						
	DIMENSION	181.5*62*35mm (L*W*H)						
	PACKING	0.41Kg; 30pcs/13.3Kg/0.67CUFT						

NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. Derating may be needed under low input voltage. Please check the static characteristics for more details.
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.
6. Please refer to "DRIVING METHODS OF LED MODULE".
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.
8. Direct connecting to LEDs is suggested, but is not suitable for using additional drivers.
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.
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).