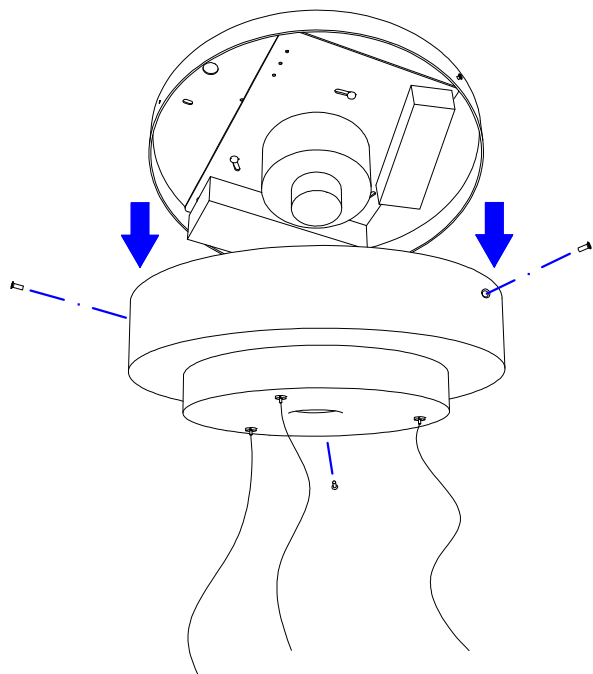


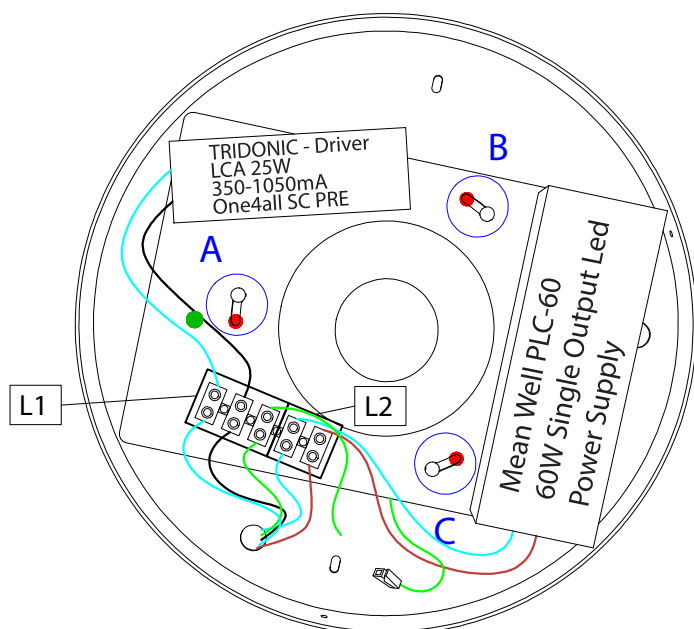
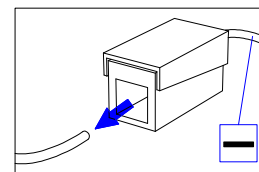
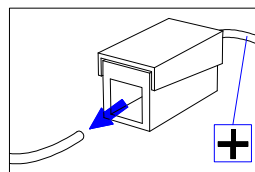
TUTTE LE OPERAZIONI DEVONO ESSERE EFFETTUATE DA PERSONALE SPECIALIZZATO

ALL OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSON - TOUS LES OPERATIONS DOIVENT ETRE EFFECTUEES PAR DES PROFESSIONNELLES



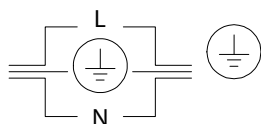
1. Remove the screws from the canopy. Separate the canopy from the bracket unhooking the two clamps (+ and -).

Rimuovere le viti dal rosone.
Separare il rosone dalla staffa sganciando i due morsetti (+ e -).

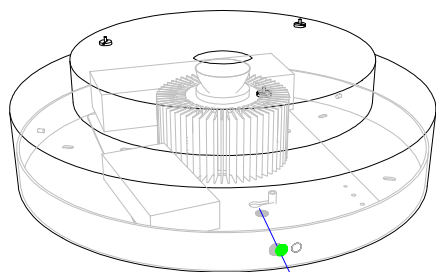


2. Remove the screws A,B,C and remove the plate to which the drivers are fixed.

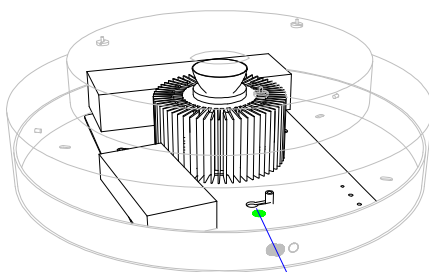
Svitare le viti A,B,C e rimuovere la piastra a cui sono fissati i trasformatori.



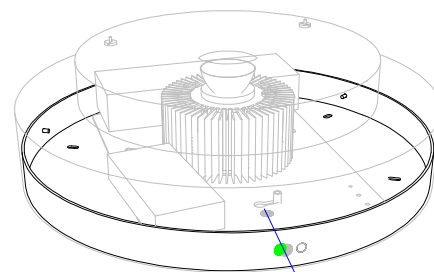
TUTTE LE OPERAZIONI DEVONO ESSERE EFFETTUATE DA PERSONALE SPECIALIZZATO
 ALL OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSON - TOUS LES OPERATIONS DOIVENT ETRE EFFECTUEES PAR DES PROFESSIONNELLES



CANOPY



PLATE

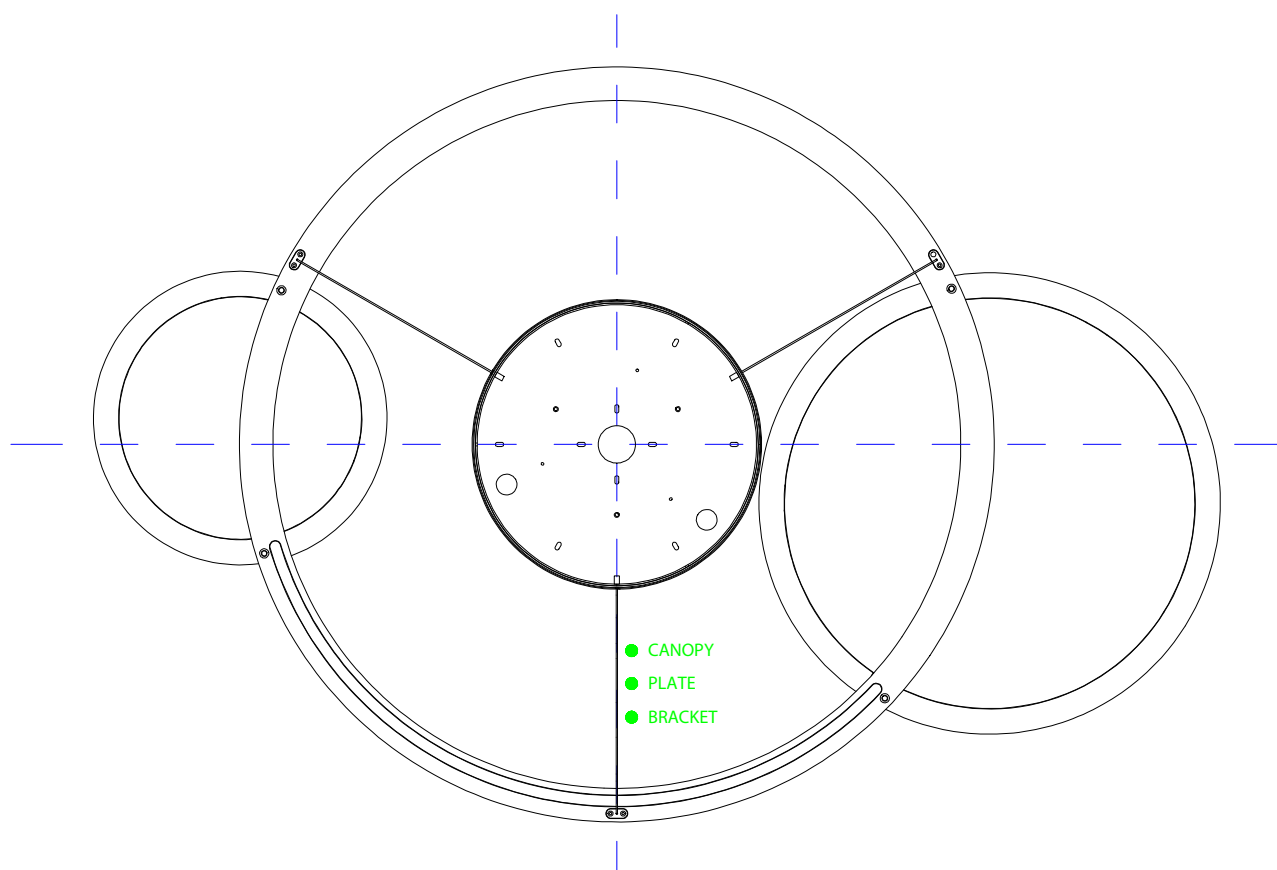


BRACKET

3.

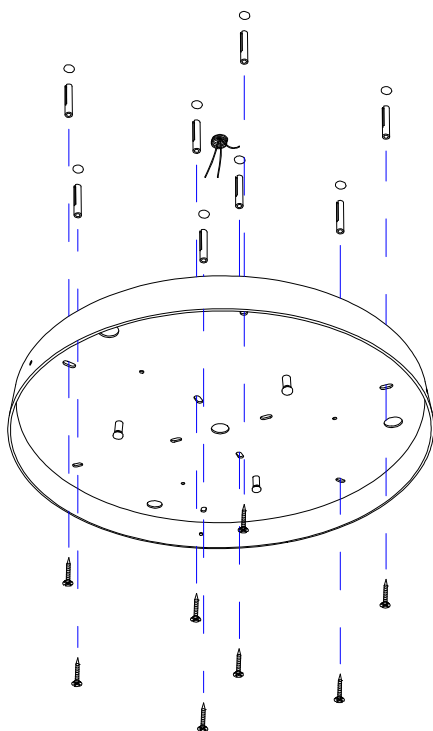
In order to keep the lamp in axis fix the plate to the ceiling and mount the canopy, the bracket and the plate so that the three green adhesive stickers remain aligned.

 Per mantenere in asse la lampada fissare il rosone, la staffa e la piastra affinché i tre adesivi verdi siano allineati.



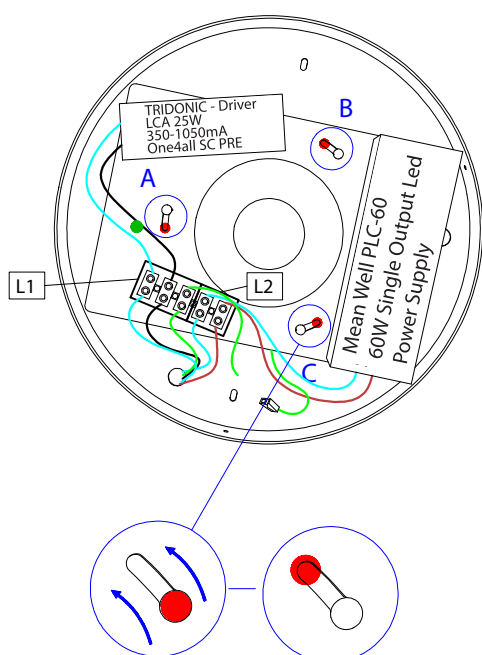
TUTTE LE OPERAZIONI DEVONO ESSERE EFFETTUATE DA PERSONALE SPECIALIZZATO

ALL OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSON - TOUS LES OPERATIONS DOIVENT ETRE EFFECTUEES PAR DES PROFESSIONELLES



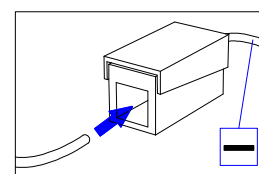
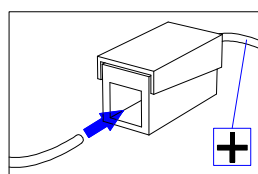
4. Fix the bracket to the ceiling (use appropriate anchors depending on the type of wall).

 Fissare il rosone al soffitto
 (utilizzare fissaggi adeguati al tipo di muro).

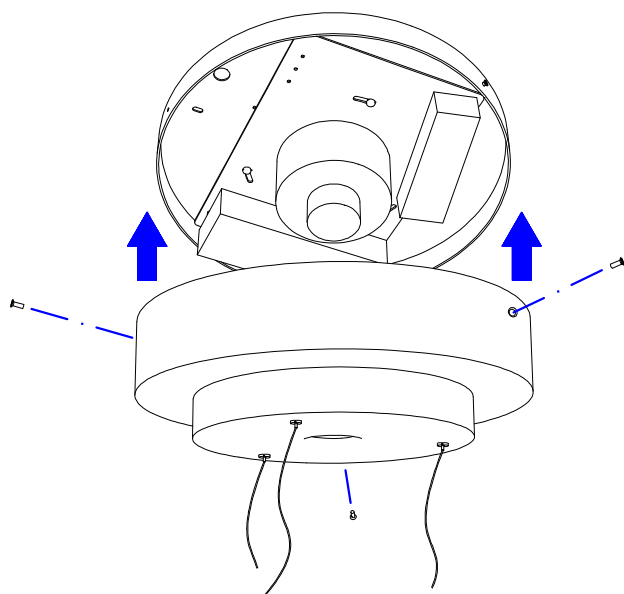


5. Insert the screw's heads (A,B,C) into the loops of the plate and rotate it clockwise. Connect again the lamp to the main power using the clamp. Also connect the ground cable between the bracket and the plate.

 Inserire le viti (A,B,C) nei fori della piastra e ruotare in senso orario.
 Riconnettere i due connettori utilizzando i morsetti.
 Connettere inoltre la staffa e la piastra tramite il cavo della terra.

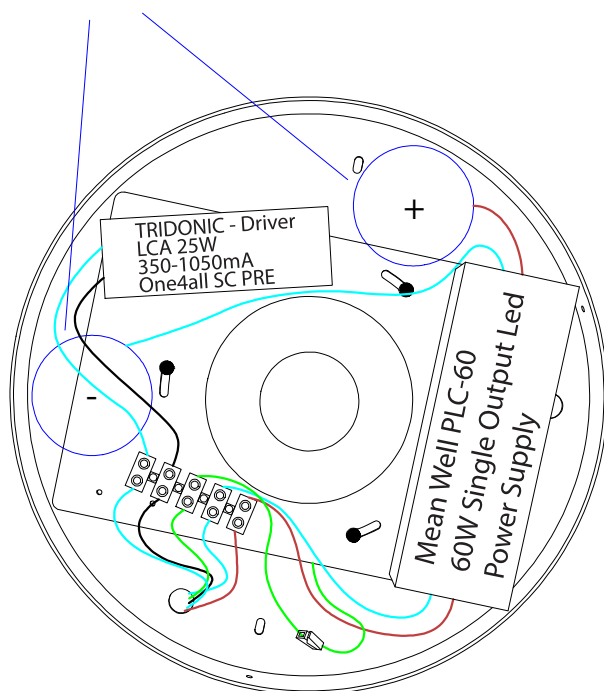


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 ALL OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSON - TOUS LES OPERATIONS DOIVENT ETRE EFFECTUEES PAR DES PROFESSIONELLES



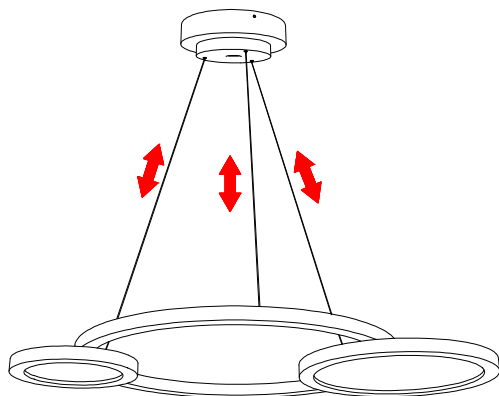
4.
 Fix the canopy to the bracket with the provided screws.
 Be sure that the round boxes in the canopy are positioned as in the sketch.

ROUND BOXES



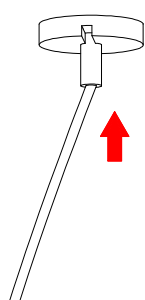
 Fissare il rosone alla staffa utilizzando le viti fornite.
 Assicurarsi che gli ingombri tondi nel rosone siano posizionate come nel disegno.

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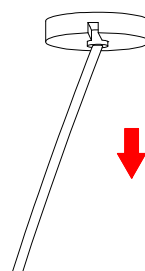
5.
 In order to adjust the height of the lamp
 use the steel cables.

 Per regolare l'altezza della lampada utilizzare
 i cavi di acciaio.



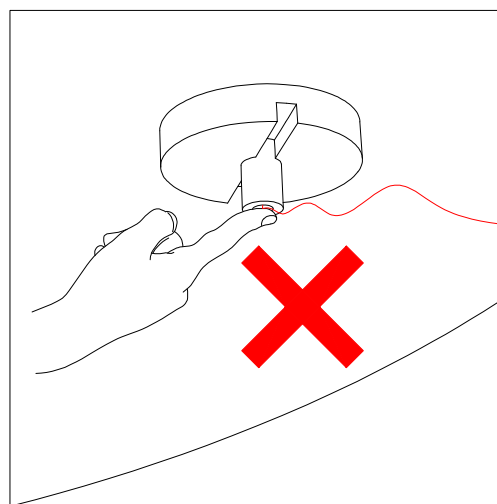
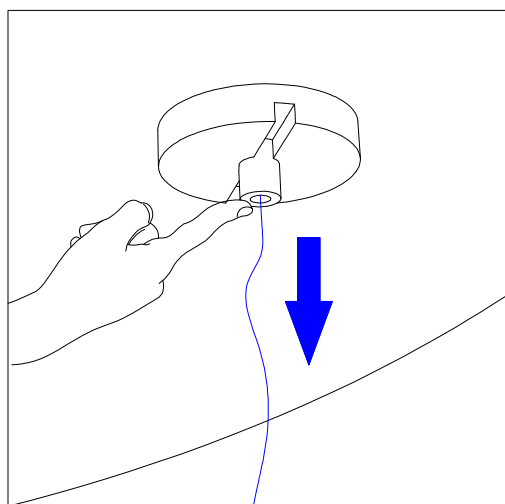
To shorten the length
 of the metal cable,
 gently push in the griplock.

 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.

TUTTE LE OPERAZIONI DEVONO ESSERE EFFETTUATE DA PER SONALE SPECIALIZZATO
ALL OPERATIONS MUST BE CARRIED OUT BY QUALIFIED PERSON

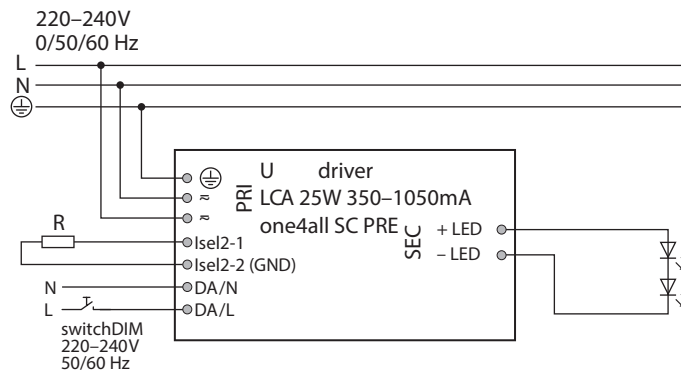
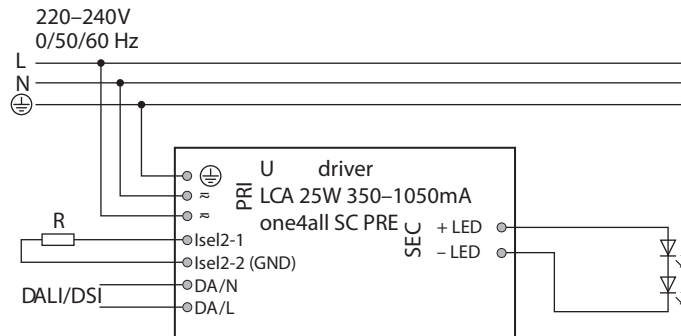
TRIDONIC

Driver LCA 25W 350-1050mA one4all SC PRE
PREMIUM series



6. Installation / wiring

6.1 Circuit diagram



6.2 Wiring type and cross section

The wiring can be in stranded wires with ferrules or solid with a cross section of 0.2-1.5 mm².

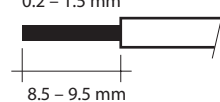
Strip 8.5-9.5 mm of insulation from the cables to ensure perfect operation of the push-wire terminals.

Use one wire for each terminal connector only.

Use each strain relief channel for one cable only.

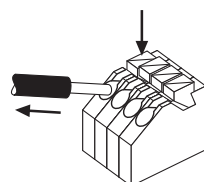
LED module/LED Driver/supply

wire preparation:
0.2 - 1.5 mm²



6.3 Loose wiring

Press down the "push button" and remove the cable from front.



TUTTE LE OPERAZIONI DEVONO ESSERE EFFETTUATE DA PERSONALE SPECIALIZZATO
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60W Single Output LED Power Supply

PLC-60 series



SPECIFICATION



MODEL	PLC-60-12							
OUTPUT	DC VOLTAGE	12V						
	CONSTANT CURRENT REGION <small>Note.6</small>	8.4 ~ 12V						
	RATED CURRENT	5A						
	CURRENT RANGE	0 ~ 5A						
	RATED POWER	60W						
	RIPPLE & NOISE (max.) <small>Note.2</small>	2Vp-p						
	VOLTAGE ADJ. RANGE <small>Note.5</small>	11.5 ~ 13V						
	CURRENT ADJ. RANGE <small>Note.5</small>	3.75 ~ 5.15A						
	VOLTAGE TOLERANCE <small>Note.3</small>	±10%						
	LINE REGULATION	±3.0%						
LOAD REGULATION	±5.0%							
SETUP TIME	500ms / 230VAC 3000ms / 115VAC at full load							
INPUT	VOLTAGE RANGE <small>Note.4</small>	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
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down						
ENVIRONMENT	WORKING TEMP.	-30 ~ +50°C (Refer to "Derating Curve")						
	WORKING HUMIDITY	20 ~ 95% RH non-condensing						
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH						
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)						
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes						
SAFETY & EMC	SAFETY STANDARDS	UL1310, 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°C/ 70% RH						
	EMC EMISSION	Compliance to EN55015, GB17743, GB17625.1, EN61000-3-2 Class C (≥75% load) ; EN61000-3-3, EAC TP TC 020						
OTHERS	EMC IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61547, light industry level, criteria A, EAC TP TC 020						
	MTBF	515Khrs min. MIL-HDBK-217F (25°C)						
	DIMENSION	181.5*62*35mm (L*W*H)						
NOTE	PACKING	0.41Kg; 30pcs/13.3Kg/0.67CUFT						
	NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µf & 47µf 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).						

USARE UN PANNINO UMIDO PER PULIRE LE PARTI DELLA LAMP
 UTILISEZ UN CHIFFON DOUX HUMIDE POUR NETTOYER TOUTE

ADA - USE A SOFT DAMP CLOTH TO CLEAN ALL LAMP PARTS
 S LES PARTIES DE LA LAMP