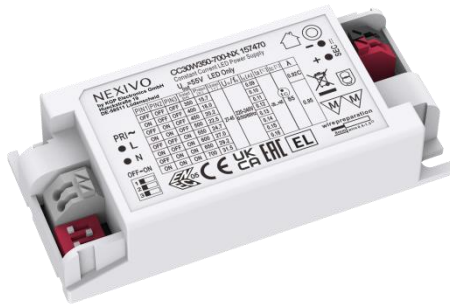




CC30W350-700-NX

Constant Current Driver

Model: CC30W350-700-NX



Model	Item Code	Output current	Input current	Input power	Output power range	PF	Efficiency	Output voltage	No load voltage
CC30W350-700-NX	157470	350mA	0.09A	18.50W	9.40-15.70W	0.92	85%	27-45V	55V
		400mA	0.10A	20.70W	10.80-18.00W	0.92	87%		
		450mA	0.11A	23.20W	12.10-20.20W	0.95	87%		
		500mA	0.12A	25.60W	13.50-22.50W	0.95	88%		
		550mA	0.13A	28.10W	14.80-24.70W	0.95	88%		
		600mA	0.14A	30.70W	16.20-27.00W	0.95	88%		
		650mA	0.15A	33.20W	17.50-29.20W	0.95	88%		
		700mA	0.16A	35.80W	18.90-31.50W	0.95	88%		

* Test result @230V, 50Hz, Full Load.

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Range of DC Input Voltage	170-276VDC
	Frequency	50/60Hz
	Input Current	≤0.20A
	Input Power	≤39W
	Power Factor	≥0.90 (230VAC, full load)
	THD	≤10% (230VAC, full load)
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤21A/180us (230VAC, Full-load)
	Connected quantity of 10A Breaker	19pcs/type A ; 31pcs/type B ; 50pcs/type C
	Connected quantity of 13A Breaker	24pcs/type A; 40pcs/type B; 65pcs/type C
	Connected quantity of 16A Breaker	31pcs/type A; 50pcs/type B ; 80pcs/type C
	Connected quantity of 20A Breaker	39pcs/type A; 63pcs/type B ; 101pcs/type C

Output	Current Accuracy	±5%
	Max. Output Power	30W
	Started Delay Time	≤0.5S (230VAC, full load)
	Current Ripple	±3% (Imax-Imin) / (Imax+Imin)
	PSTLM	≤1
	SVM	≤0.4
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P, 3KVac/1min
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	I/P to O/P < 250μA
Environment	Ta/Operation Temperature	8-30W: -20...+45℃;
	Ts/Storage Temperature	-40....+85℃
	Tc/Enclosure Temperature	80 °C
	Humidity	10%.... 90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Build-in & Independent
	PRI Wire preparation	PVC, VDE certificated, 0.5- 1.5mm ² , with 8mm tin
	SEC Wire preparation	PVC, VDE certificated, 0.5- 1.5mm ² , with 8mm tin
	Dimension	Independent:137.5*44*23mm (L*W*H) Built in:97.5*44*23mm(L*W*H)
Standards	Certification	CE/ENEC
	Safety Standards	EN61347-1,EN61347-2-13
	EMC Standards	EN55015,EN61000-3-2,EN61000-3-3,EN61547
	Performance	EN62384
	Surge	L-N/1.5KV
Others	RoHS	Complied to 2011/65/EU
	Life Time	5000h Tc=95℃
		50000h Tc=85℃
		75000h Tc=80℃
		100000h Tc=75℃
	Warranty	5years, F.R. <10%

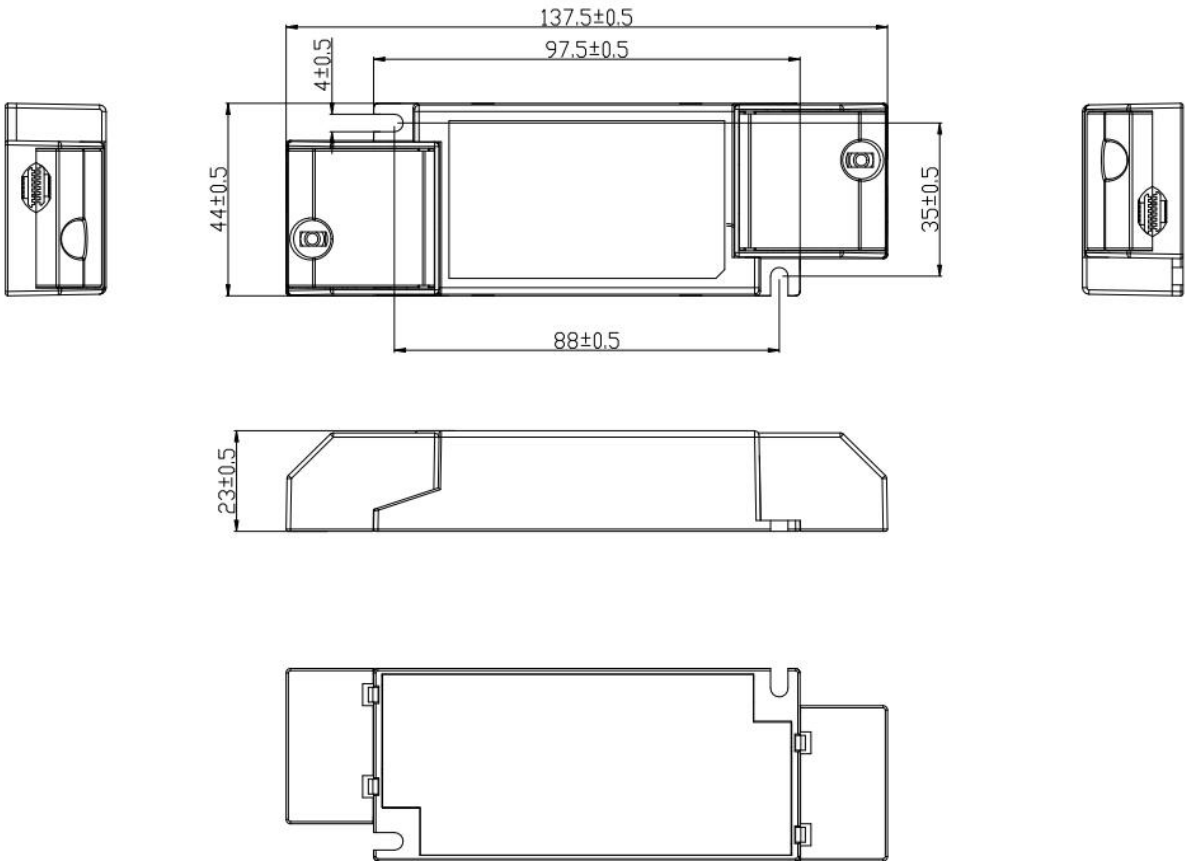
Remark:

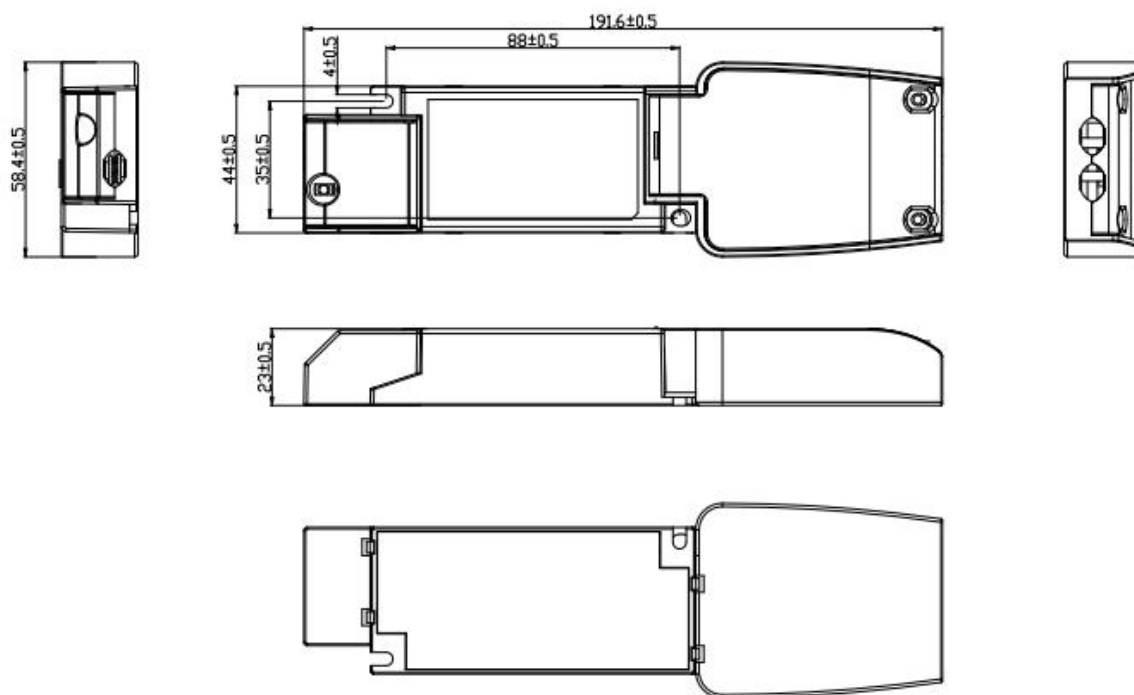
- 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25℃ambient temperature.
- 2.LED Driver is a component of the luminaires. Luminaires and wire layout will affect the EMC, please check the EMC with end products again.
3. Please make sure Tc under Lifetime condition when long term operate under DC input.
4. Light output level in DC operation: (factory default = 100 %, EOFi = 1).

2. Output Current Setting

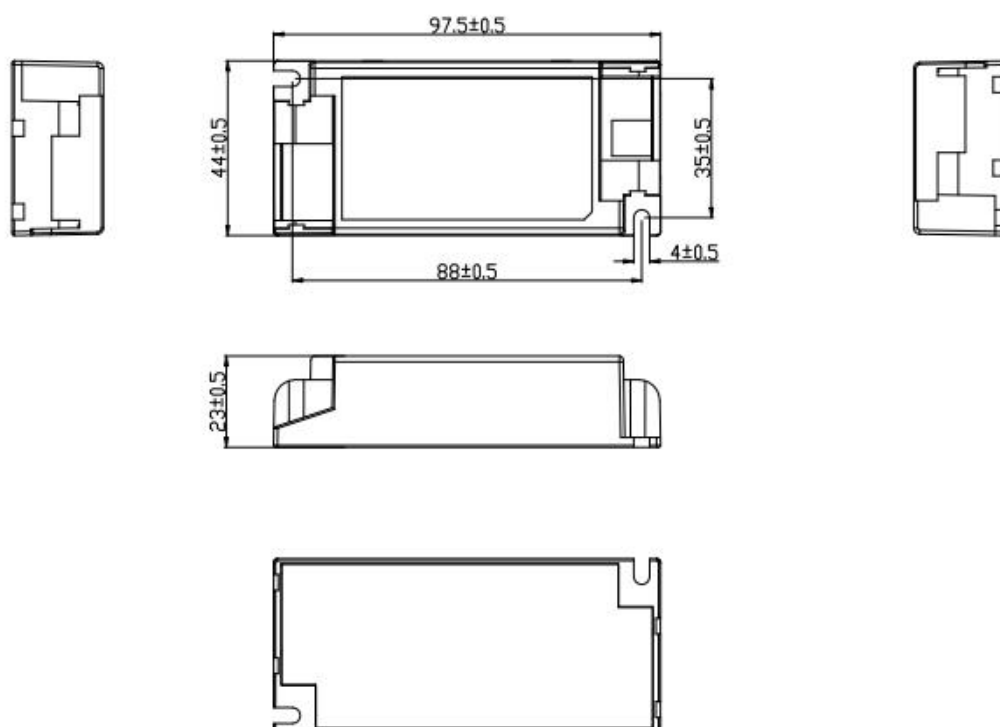
(CH1/CH2) Output current	1	2	3
350mA	OFF	OFF	OFF
400mA	ON	OFF	OFF
450mA	OFF	ON	OFF
500mA	ON	ON	OFF
550mA	OFF	OFF	ON
600mA	ON	OFF	ON
650mA	OFF	ON	ON
700mA	ON	ON	ON

3. Dimension

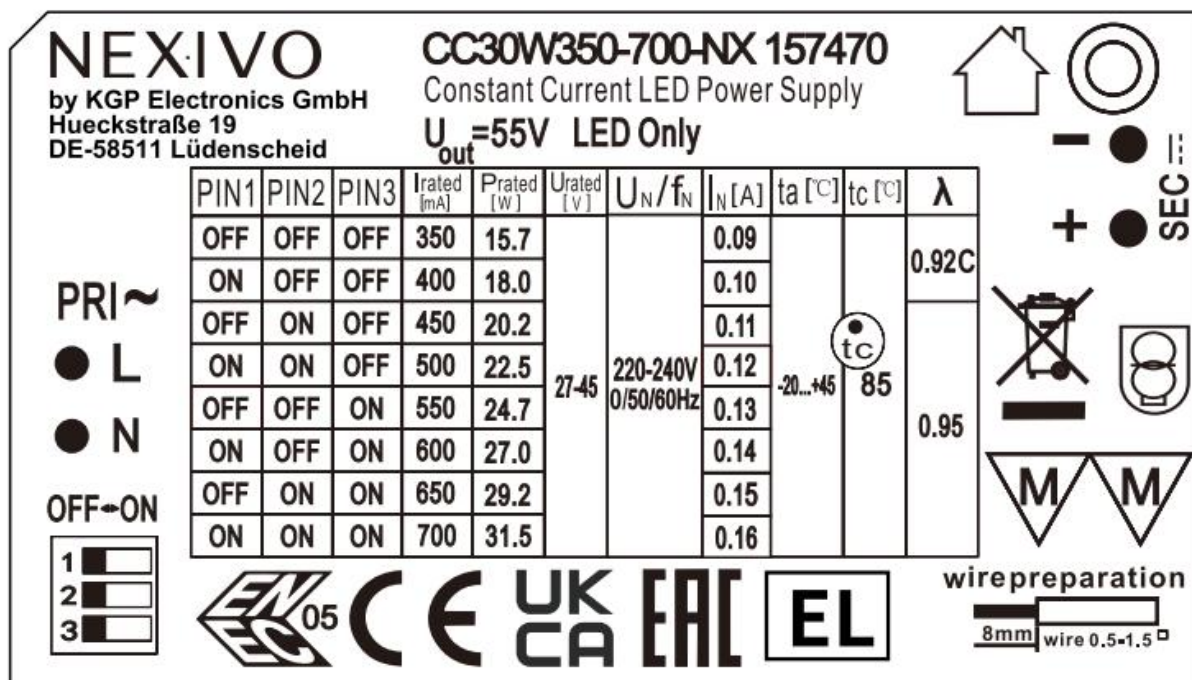




Built in type:



4. Label



4. Packing information

Built-in type

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
398*230*150	100	0.084	8.40	9.60

Small side cover

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
500*195*260	600	0.0087	5.30	6.71

Large side cover

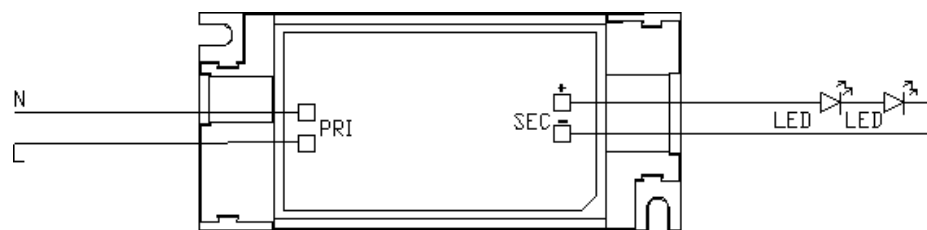
Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
375*315*385	300	0.041	12.30	14.30

5. Ordering data

Model No	Item code
CC30W350-700-NX	157470
SR_CC21-30-44-80	147921
SR_CC21-30-44-80_3POL	147931
SR_CC21-30-44-80_5POL	147941

6. Wiring Diagram

Built in type:



7. Revision history

Date	Revision	Remark
2026.16.03	V0.01	Product release