

Constant Current LED Power Supply Phasecut Dimmable

SLD8-350IB-Es (for build-in use)

SLD8-350IL-Es (for independent use)



Product description:

This type of power supply is an exclusively designed stabilized power supply for LED lamp. With constant current (CC) technology, with optional fittings, it can change from build-in use to independent application. The output current of the converter could be dimmed between 10%-100% by trailing or leading edge dimmers. The built-in protection circuit will shut down the converter in case of such faults as: open circuit, short circuit, over load. The power supply will restart automatically after fault correction.



Standards:

EN61347-1
EN61347-2-13
EN61547
EN55015
EN61000-3-2
EN61000-3-3
EN62384
EN62493

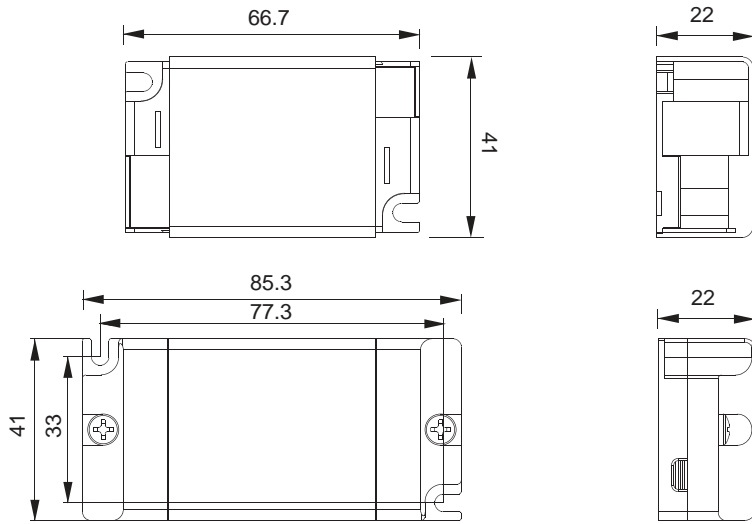
Characteristics:

- Driver for built-in or independent use.
- Dimmable power supply for constant current LED lamp
- Used for lighting equipment in protection class I and II
- The output current of the power supply could be dimmed between 10%-100% by trailing edge or leading edge dimmers
- Open circuit, short circuit, over load protection
- Ripple free
- warranty: 5 years

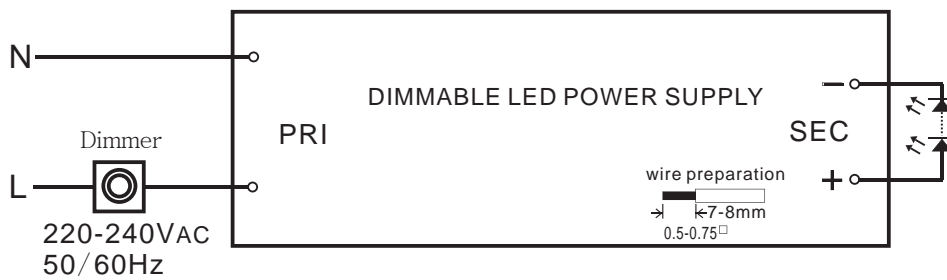
Specifications:

Model	SLD8-350IB-Es SLD8-350IL-Es	
Output	turn on time(S)	≤0.5
	output current(mA)	350
	output current tolerance ^①	≤5% (Vout:14-22V) ≤7% (Vout:12-22V)
	ripple current(<200hZ)	≤3%
	working voltage range(V)	12-22
	Max. output voltage(V)	40
	dimming interface	Triac dimmer from customer
	dimming range	depending by the dimmer,minimum 10%
Input	rated supply voltage(Vac)	220-240
	voltage range(Vac)	198-264
	line frequency(Hz)	50/60
	input current(mA)	60
	efficiency ^②	≥73%
	power factor ^②	0.90c without dimmer@full load
	inrush current(Ipk)	-
Protection	over voltage protection	320Vac,1 hour
	short circuit protection	YES
	over temperature protection	YES
	automatic restart	YES
	over load protection	YES
	surge capacity	L-N:0.5KV
Ambient and Life	Ta(°C)	-20...50
	Tc max. (°C)	85
	Storage Temperature(°C)	-30...70
	ambient humidity range	45%...85%RH, Not condensing
	nominal life-time(hrs)	50'000@Tc=85 C
Other	weight(g)	-
	dimensions (LxWxH)(mm)	85.3x41x22/66.7x41x22
	casing material	Plastic
	housing colour	Grey+Blue
	type of protection	IP20
	protection class	CLASS II
Note	<p>1.Tolerance : includes set up tolerance, line regulation and load regulation. 2.Tested at full load,230Vac.Refer to"Power Factor" and "EFFICIENT"curve graphs. 3.All parameters NOT specially mentioned are measured at nominal voltage input, rated load, 25 of ambient temperature and no dimmer. 4.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.</p>	

Dimensions(mm):



Wiring diagram:



Caution: Please check with technicians when connecting dimmers other than ABB 6526U-500_II1, KAOYIKUD-500RV, JUNG 244EX.

Application:

Built-in application



Independent application



Sales & Technical Support:

Self Electronics Co.,Ltd.

Add: No. 1345 Ju Xian Road, Ningbo Hi Tech Park, Ningbo, China

Tel: 0086-574-28805765,28805658(For English Assistance)

0086-574-28805678 (For Chinese Assistance)

Fax: 0086-574-28805656

E-mail: sales@self-ecg.com

<http://www.self-ecg.com>

Self Electronics Co.,Ltd.,Shenzhen Office

Add: Room2007,Xinglang Xuan,Xinghe Mingju,Fuming Road,Futian District,Shenzhen

Tel: 0086-755-83558850, 83558851

Fax: 0086-755-83558840

SELF ELECTRONICS GERMANY GMBH

Add:August-Horch-Str. 7,51149 Koeln

Tel: 0049 2203 18501-0

Fax: 0049 2203 18501-199

E-mail: saleseu@self-electronics.com

*Due to continuous improvements and innovations,specifications are subjected to change without notice.