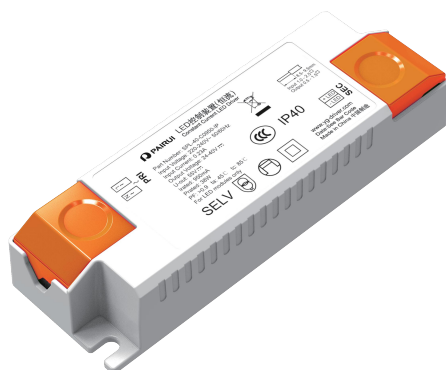


PSPL-40-CXXXX-IP 40W

No flicker constant current driver



Product features

- ClassII, SELV, Freestanding
- INPUT VOLTAGE: 220-240Vac
- Protect: SCP/OCP/OVP
- PF: 0.95
- Efficiency: 89%
- 5 year warranty
- Protection grade: IP40
- Application scenarios:
LED Panel Light、LED Downlights、
LED spotlights、LED track lights

Naming rules

PSPL - 40 - CXXX - IP

① ② ③ ④

- ① The named series representing this product.
- ② Represents the output power of this product.
- ③ Represents the output current of this product.
- ④ Represents the protection level of this product.

technical data

Model List

Model	output current(mA)	Output voltage(V)	no-load voltage(VDC)	Power(W)
PSPL-40-C0350-IP-15	350	24-42	>0.9	14
PSPL-40-C0350-IP-25	350	24-42	>0.9	14
PSPL-40-C0400-IP-15	400	24-42	>0.9	16.8
PSPL-40-C0400-IP-25	400	24-42	>0.9	16.8
PSPL-40-C0450-IP-15	450	24-42	>0.9	18.9
PSPL-40-C0450-IP-25	450	24-42	>0.9	18.9
PSPL-40-C0500-IP-15	500	24-42	>0.9	21
PSPL-40-C0500-IP-25	500	24-42	>0.9	21
PSPL-40-C0550-IP-15	550	24-42	>0.9	23.1
PSPL-40-C0550-IP-25	550	24-42	>0.9	23.1
PSPL-40-C0600-IP-15	600	24-42	>0.9	25.2
PSPL-40-C0600-IP-25	600	24-42	>0.9	25.2
PSPL-40-C0650-IP-15	650	24-42	>0.9	27.3
PSPL-40-C0650-IP-25	650	24-42	>0.9	27.3

SPECIFICATION

Model List

Model	output current(mA)	Output voltage(V)	Power factor(Typ)	Power(W)
PSPL-40-C0700-IP-15	700	24-42	>0.9	29.4
PSPL-40-C0700-IP-25	700	24-42	>0.9	29.4
PSPL-40-C0750-IP-15	750	24-42	>0.9	31.5
PSPL-40-C0750-IP-25	750	24-42	>0.9	31.5
PSPL-40-C0800-IP-15	800	24-42	>0.9	33.6
PSPL-40-C0800-IP-25	800	24-42	>0.9	33.6
PSPL-40-C0850-IP-15	850	24-42	>0.9	35.7
PSPL-40-C0850-IP-25	850	24-42	>0.9	35.7
PSPL-40-C0900-IP-15	900	24-42	>0.9	37.8
PSPL-40-C0900-IP-25	900	24-42	>0.9	37.8
PSPL-40-C0950-IP-15	950	24-42	>0.9	39.9
PSPL-40-C0950-IP-25	950	24-42	>0.9	39.9
PSPL-40-C1000-IP-15	1000	24-40	>0.9	40
PSPL-40-C1000-IP-25	1000	24-40	>0.9	40
PSPL-40-C1050-IP-15	1050	24-38	>0.9	39.9
PSPL-40-C1050-IP-25	1050	24-38	>0.9	39.9
PSPL-120-C0350-IP-15	350	72-120	>0.9	40
PSPL-120-C0350-IP-25	350	72-120	>0.9	40
PSPL-55-C0350-IP-15	350	33-55	>0.9	19.25
PSPL-55-C0350-IP-25	350	33-55	>0.9	19.25

Characteristics

	project	Technical indicators
Output parameters	output current (mA)	350/400/450/500/550/600/650/700/750/800/850/900/950/1000/1050
	Output voltage range (VDC)	24-42/24-40/24-38/72-120/33-55
	Maximum no-load voltage (VDC)	57/156/72
	current accuracy	±5%
	High frequency ripple current (≥1KHz)	±5%
	Low frequency ripple current (≤120Hz)	±5%
	Stroboscopic effect visibility (SVM)	≤0.4
	IEEE Std 1789	PASS
	Flicker index Pst	≤1
	Typical Efficiency	89%

SPECIFICATION

Technical data

Electrical specifications

input parameters	Rated input voltage (VAC)	220-240
	AC input voltage range (VAC)	198-264
	frequency (Hz)	50/60
	Power factor (PF)	0.95
	Start Time(S)	< 0.5S
	No-load power consumption (W)	≤0.5W
	Typ THD	<15%
protect	overload protection	120% YES/Auto Resume
	Overvoltage protection	48V DC YES/Auto Resume
	Short circuit protection	YES/Auto Resume
work environment	operation temperature (°C)	-20°C~+45°C
	humidity	20% - 90%RH No condensation
	Case Temperature Tc (°C)	85 ℃ Max
	storage temperature (°C)	-25 ℃ ~+60 ℃
	life (hrs)	>50000hrs @Tc<65 ℃
Size	Size (mm)	115 x 38 x 23 (LxWxH) mm
standard	GB19510.14-2009, GB19510.1-2009	
	Surge: L/N 1.5 KV/2Ω	
other	ErP	EU 2019/2020
	RoHS	RoHS (2011/65/EU), (EU)2015/863
notes	1. All parameters are not specified. The above parameters were measured at an ambient temperature of 25 °C, humidity of 50%, 100% full load, and input voltage of 230VAC/50Hz。 2.The LED driver power supply, as a component of the entire lighting fixture, is used in combination with user equipment, as its EMC performance is affected by the LED fixture and wiring,The user equipment supplier needs to re confirm the EMC of the entire device.	

Circuit breaker information(PSPL-40-CXXXX-IP)

peak current	Half peak time	B10	B16	C10	C16
22A	166 μs	24 pc	39 pc	26 pc	42 pc

Note: With an ambient temperature of 25 °C, humidity of 50%, and 100% full load, under an input voltage of 230VAC/50Hz, the testing conditions for the number of circuit breakers configured are consistent with those for surge current testing

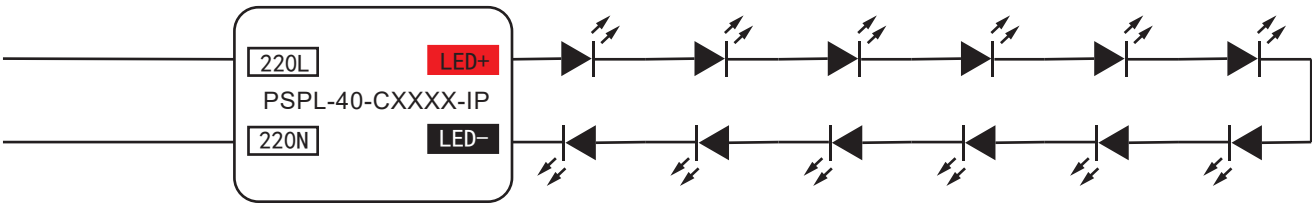
SPECIFICATION

Technical data

Wire&Terminal Information

category	project	Value (in units)
Input	-15	Input terminal adapted to cable cross-section
		0.5...1.5 mm ²
		Input terminals adapt to cable specifications
		16...20 AWG
		Input cable stripping length
		8.5...9.5mm
output	-25	Output terminal adapted to cable cross-section
		0.5...2.5 mm ²
		Output terminals adapted to cable specifications
		16...20 AWG
		Output cable stripping length
		8.5...9.5mm
output		Output terminal adapted to cable cross-section
		0.5...1.5 mm ²
		Output terminals adapted to cable specifications
		16...20 AWG
		Output cable stripping length
		8.5...9.5mm

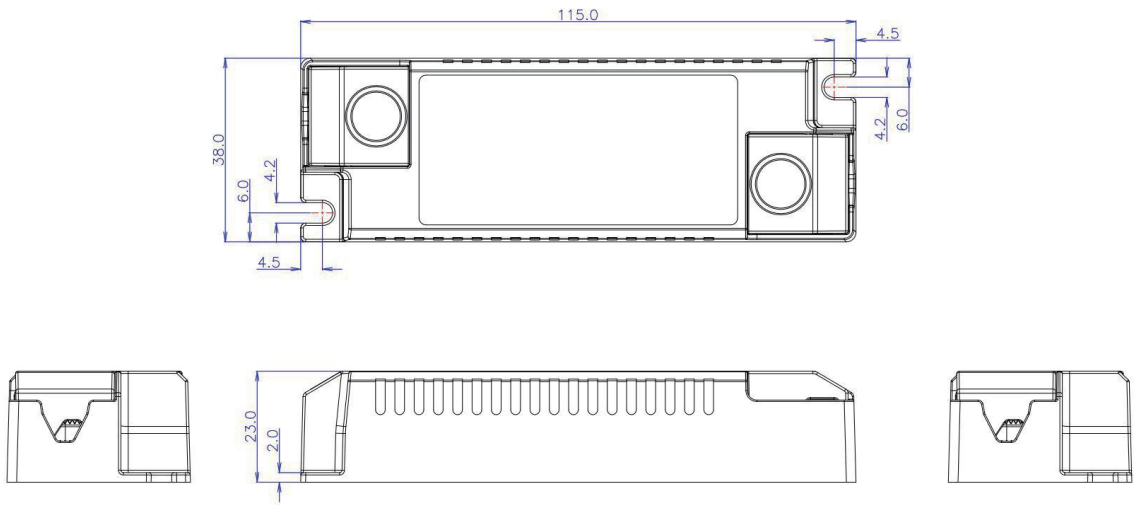
Wiring diagram



SPECIFICATION

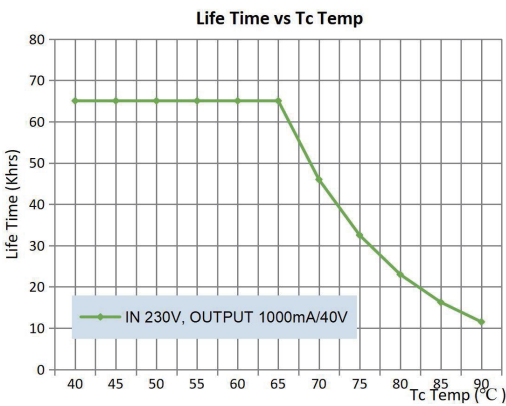
Technical data

Product dimension diagram

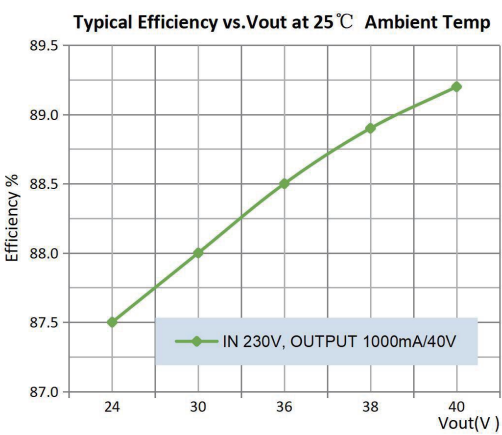


Characteristic curve PSPL-40-C1000-IP-C, $I_o=1000\text{mA}$

Life curve



Efficiency Curve



Power factor curve

