CC6WXXXCGA26

Constant Current Driver

Model：CC6WXXXCGA26

Model	Output Current	Input Current	Input Power	Output Power Range	PF	Efficiency	Output Voltage	No load Voltage
CC6W150CGA26	150mA	0.08A	9W	4.5-6W	0.82	74%	30-40V	80V
CC6W200CGA26	200mA	0.08A	9W	4-6W	0.82	74%	21-30V	50V
CC6W250CGA26	250mA	0.08A	9W	4-6W	0.82	74%	16-24V	45V
CC6W300CGA26	300mA	0.08A	9W	3.9-6W	0.82	74%	14-20V	40V
CC6W350CGA26	350mA	0.08A	9W	3.85-6.3W	0.82	74%	12-18V	30V
CC6W500CGA26	500mA	0.08A	9W	3.5-6W	0.82	74%	7-12V	30V
CC6W700CGA26	700mA	0.08A	9W	3.5-6.3W	0.82	73%	5-9V	25V

*** 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	180-264VAC or 230-280VDC
	Frequency	50/60Hz
	Input Current	≤0.08A
	Input Power	≤9W
	Power Factor	≥0.82 (230VAC，full load)
	THD	≤70% (230VAC，full load)
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤5A/200us (230VAC，full load)
	Connected quantity of 16A Breaker	120pcs/type B ; 192pcs/type C
Output	Current Accuracy	±5%
	Max. Output Power	12.48W

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	Started Delay Time	≤0.5S (230VAC，full load)
	LF Current Ripple (< 120 Hz)	±5%（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	-20….+45℃
	Ts/Storage Temperature	-40….+85℃
	Tc/Enclosure Temperature	75 ℃
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Screw Terminal
	Installation	Independent
	PRI Wire preparation	0.75-1.0□
	SEC Wire preparation	0.5-1.0□
	Dimension	80X22X21mm (L*W*H)
Standards	Certification	TUV、SAA、CE
	Safety Standards	EN61347-2-13:2014/A1:2017 EN62384:2006/A1:2009 EN 61347-1:2015/A1:2021,AS61347.2.13:2018, AS/NZS61347.1:2016 Inc A1
	EMC Standards	EN IEC 55015:2019,EN IEC 55015:2019/A11:2019, EN IEC61000-3-2:2019,EN 61000-3-3:2013/A1:2019 , EN61547:2009，EN IEC 55015:2019/A11:2020
	Performance	EN62384
	Surge	L-N/1KV
Others	RoHS	complied to 2011/65/EU
	Life Time	50000h Ta / TC
	Warranty	5years ， F.R. <10000ppm

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.

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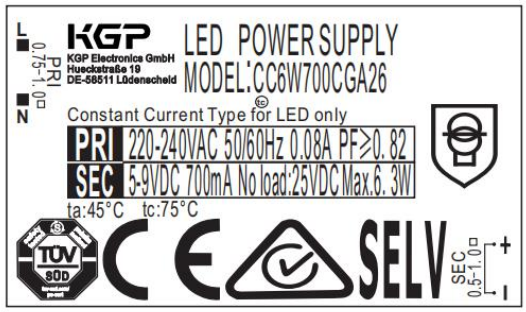
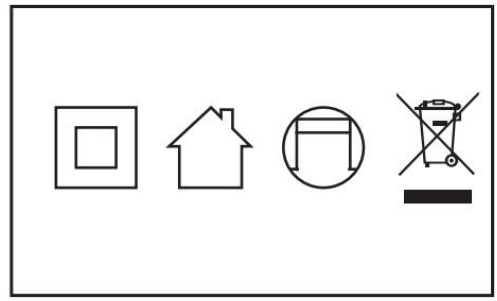
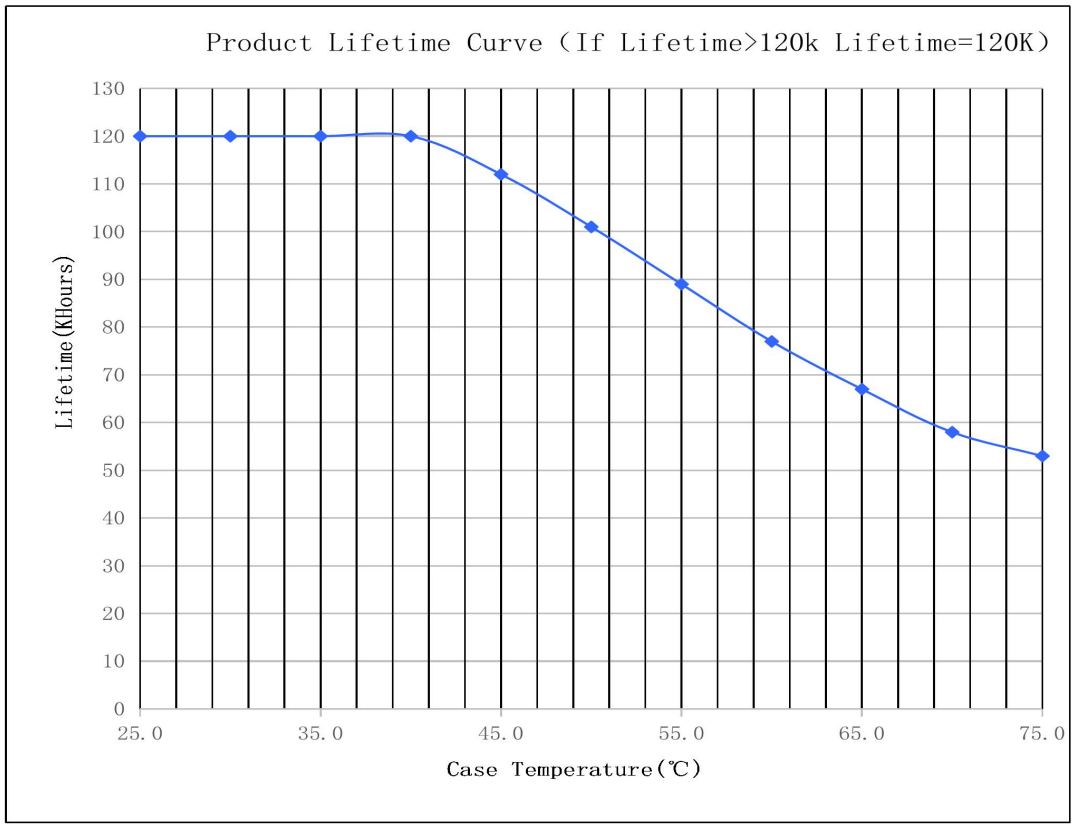
3. Label (For example)



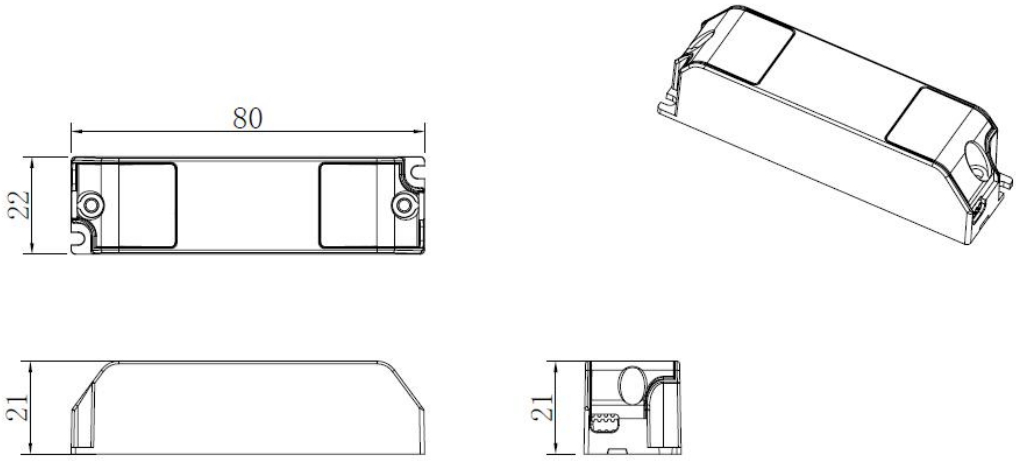


4. Dimming curve(N/A)

5. Lifetime curve



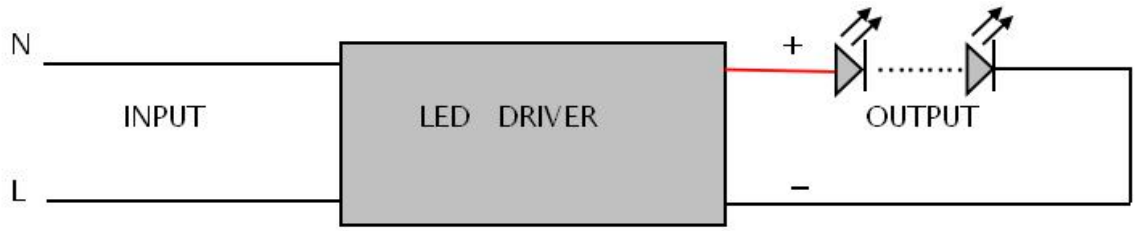
6. Dimension（Unit：mm）



5. Packing information

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
With white box and manual	450*240*200	125	0.04	6.75
Without white box and manual		210	0.04	8.4

6. Wiring Diagram



7. Wiring instructions

• All connections must be kept as short as possible to ensure good EMI behaviour

• Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)

• Advice the maximum length of output wires is 3 m

• Secondary switching is not permitted（Except for constant voltage）

• Incorrect wiring can damage LED modules.

• The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)

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