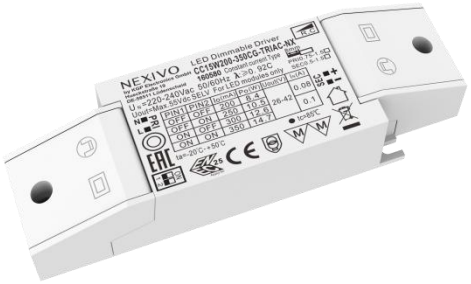
NEXIVO
by KGP Electronics GmbH

CC15WXXX-XXXCG-TRIAC-NX

Constant Current & Dimmable Driver

Model:CC15WXXX-XXXCG-TRIAC-NX



Model	Item Code	Output current	Input current	Input power	Output power range	PF	Efficiency	Output voltage	No load voltage
CC15W200-350CG-TRIAC-NX	160580	200mA	0.08A	14.00W	5.02-8.40W	0.92	81%	26-42V	55V
		250mA	0.08A	16.00W	6.50-10.50W		81%	26-42V	55V
		300mA	0.10A	18.00W	7.80-12.60W		83%	26-42V	55V
		350mA	0.10A	22.00W	9.10-14.70W		83%	26-42V	55V
CC15W400-550CG-TRIAC-NX	160590	400mA	0.08A	14.00W	6.40-11.60W		80%	16-29V	43V
		450mA	0.08A	16.00W	7.20-13.00W		80%	16-29V	43V
		500mA	0.10A	18.00W	8.00-14.50W		81%	16-29V	43V
		550mA	0.10A	22.00W	8.80-15-90W		81%	16-29V	43V
CC15W500-700CG-TRIAC-NX	160600	500mA	0.08A	14.00W	6.00-10.00W		80%	12-20V	35V
		550mA	0.08A	16.00W	5.50-11.00W		80%	12-20V	35V
		600mA	0.10A	18.00W	7.20-12.00W		81%	12-20V	35V
		700mA	0.10A	22.00W	8.40-14.00W		81%	12-20V	35V

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

1.Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	Phase dimming
	Dimming Range	10%-100%
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC_stable
	Range of AC Input Voltage	198-264VAC_stable or 180-280VDC_stable
	Frequency	50/60Hz
	Input Current	≤0.1A
	Input Power	≤22W
	Power Factor	≥0.92 (230VAC，full load)
	THD	≤15%

KGP Electronics GmbH
Hueckstraße 19
DE-58511Lüdenscheid

NEXIVO
by KGP Electronics GmbH

CC15WXXX-XXXCG-TRIAC-NX

Output	Output Voltage	26-42V @CC15W200-350CG-TRIAC-NX
		16-29V @CC15W400-550CG-TRIAC-NX
		12-20V @CC15W500-700CG-TRIAC-NX
	Output Current	200mA/250mA/300mA/350mA @CC15W200-350CG-TRIAC-NX
		400mA/450mA/500mA/550mA @CC15W400-550CG-TRIAC-NX
		500mA/550mA/600mA/700mA @CC15W500-700CG-TRIAC-NX
	No Load Voltage	55VDC Max. @CC15W200-350CG-TRIAC-NX
		43VDC Max. @CC15W400-550CG-TRIAC-NX
		35VDC Max. @CC15W500-700CG-TRIAC-NX
	Max. Output Power	15.9W
	Efficiency	≥81%
	Current Ripple	±5% (Imax-Imin)/(Imax+Imin)
	Current Accuracy	±5%
	Started Delay Time （<120Hz）	≤0.5S（230VAC,full load）
	Pst LM	≤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 , 3.75KVac/1min
	Ta/Operation Temperature	-20….+50℃
Environment	Ts/Storage Temperature	-40….+85℃
	Tc/Enclosure Temperature	85 ℃
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
	Connection Method	Push-in Terminal
Construction	Installation	Independent & Buitl in
	PRI Wire preparation	0.75-1.5□
	SEC Wire preparation	0.5-1.5□
	Dimension	Independent:122.8*43*30mm (L*W*H) Built in:87.8*43*30mm(L*W*H)
	Certification	complied to CE ENEC SAA
Standards	Safety Standards	EN61347-1:2015，EN61347-2-13:2014/A1:2017 EN62384:2006/A1:2009 ，AS61347.2.13:2018， AS/NZS61347.1:2016 Inc A1
	EMC Standards	EN IEC55015:2019, EN IEC55015:2019/A11:2019, EN IEC61000-3-2:2019, EN 61000-3-3:2013/A1:2019,EN61547:2009
	Performance	EN62384
	Surge	L-N/1KV
	RoHS	complied to 2011/65/EU

KGP Electronics GmbH
Hueckstraße 19
DE-58511Lüdenscheid

Others	Life Time	50000h @50℃ (Ta) / 85℃ (Tc)
	Warranty	5years ， F.R. < 10000ppm
	Noise	≤ 28dB @Background noise ≤18dB ， Interval≥15cm

Remark：

1.Specific instructions are not all parameters are not connect dimmer input voltage 230 vac / 50 Hz and 25 ℃ambient temperature measured.

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. trailing edge dimmable.

2.Trailing Edge Dimmer list approved by KGP

Manufacturer	Model	Q'ty of parallel connection
ABB	6519 U	12
ABB	6526 U	11
JUNG	1224 LED UDE	12
Berker	2861	12
JUNG	254 UDIE 1	13
JUNG	225 TDE	12
EGANT	U321V2	12
Schneider	SBD200LED	13
Schneider	SBD315RC	12
Berker	2874	13
Eetako	EUD61NP-230V	12
Eetako	DTD55L-230Vwg	10
GIRA	Universal-LED-Dimmer Mini2440 00	10
EHMANN	LED-Dimmer T46.08	10
JUNG	Drehdlmmer Unlversal LED1731DD	10

Leading Edge Dimmer list only on request -/ or confirmed by KGP Electronics

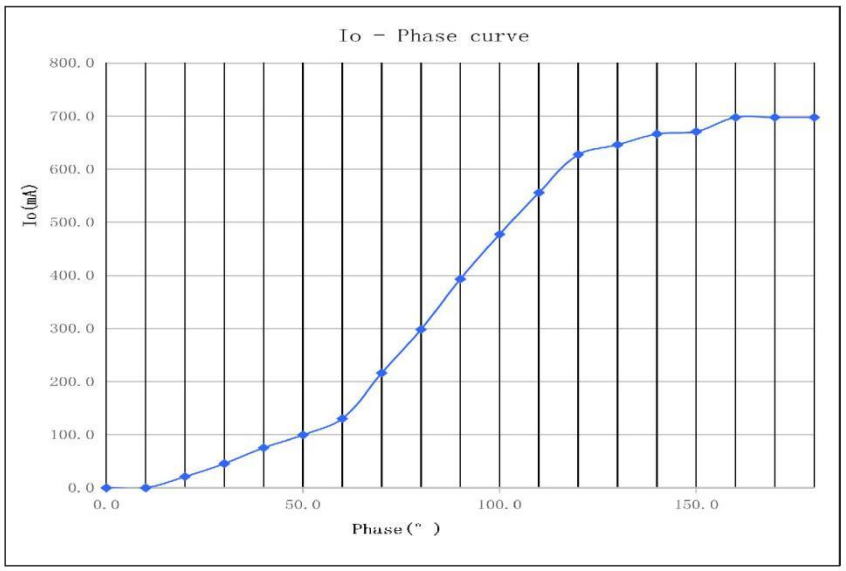
3.Connected quantities of different current Breaker

TYPE	Connected quantities of different current Breaker						Input Voltage	Inrush Current	Time
	current（A）	10	13	16	20	25			
	Installation wire diameter	1.5mm²	2.5mm²	2.5mm²	4mm²	4mm²			
TYPE B		60	78	96	120	150	@230VAC	10	13.5μs
TYPE C		96	125	154	192	240			
TYPE D		154	200	246	307	384			

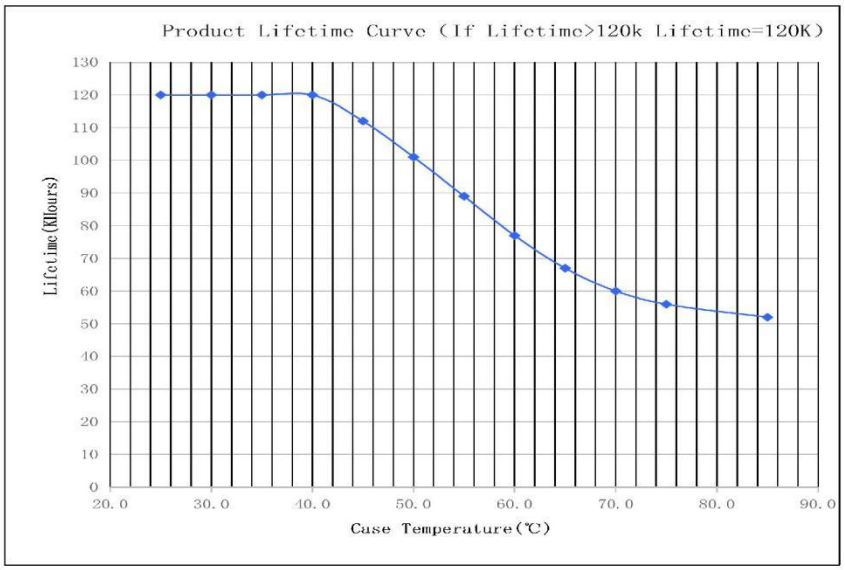
4. Label



5. Dimming curve

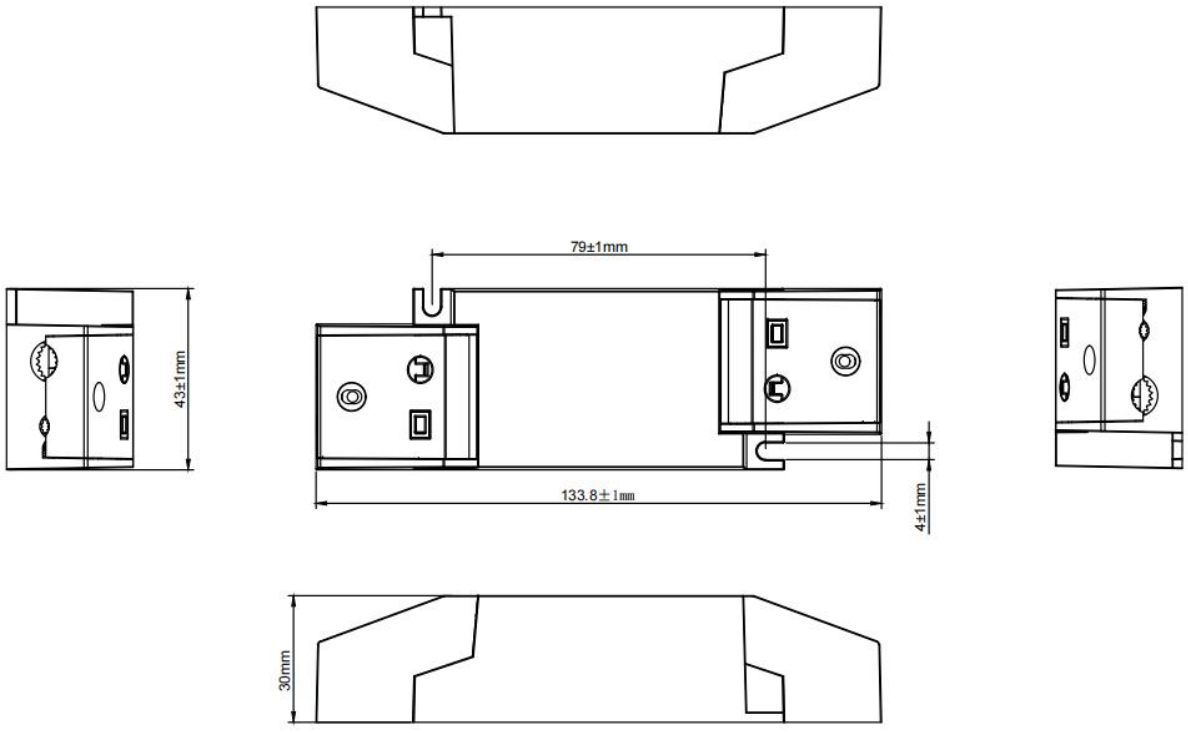


6. Lifetime curve

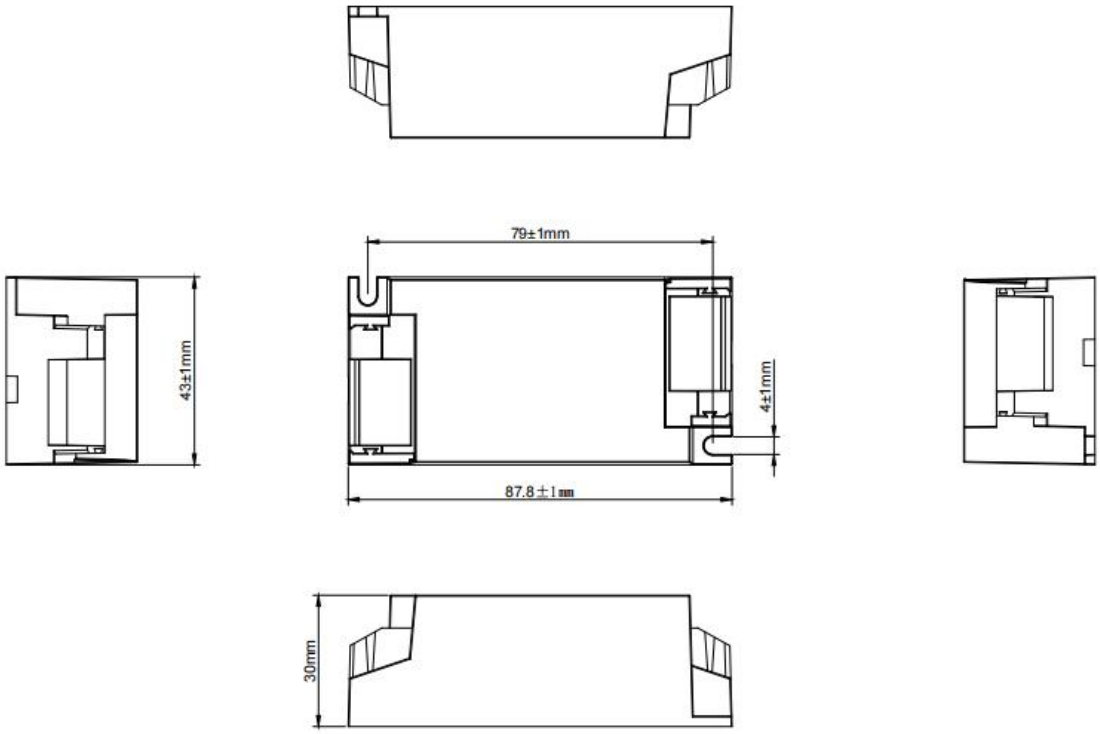


7. Dimension （Unit：mm）

Independent type:



Built in type:

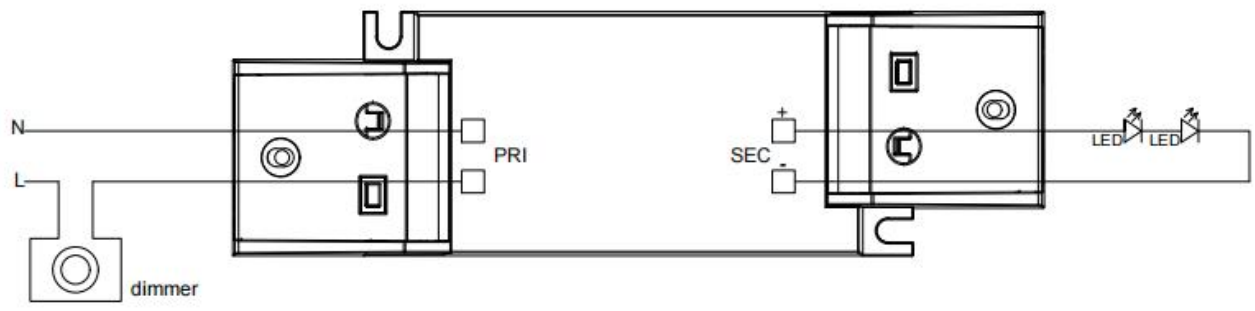


8. Packing information

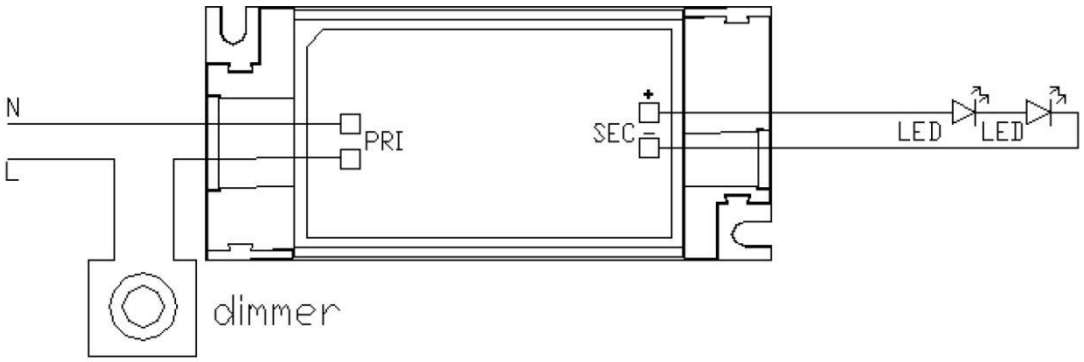
Packing way	Model	Carton L*W*H(mm)	Pcs/ Carton	Net eight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight /Carton(kg)
With white box and manual	CC15WXXX-XXXCG -TRIAC-NX	457*250*220	120	0.079	9.48	10.52
Without white box and manual			80	0.079	6.35	7.40

9.Wiring Diagram

Independent type:



Built in type:



10.Ordering data

Model No	Item code
CC15W200-350CG-TRIAC-NX	160580
CC15W400-550CG-TRIAC-NX	160590
CC15W500-700CG-TRIAC-NX	160600

11. Revision history

Date	Revision	Remark
2026.16.03	V0.01	Product release
		.