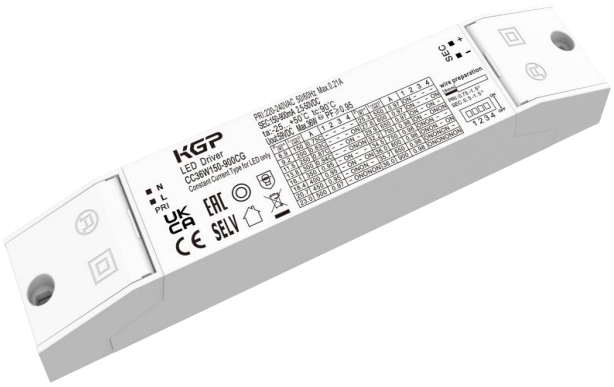
Super Slim ON/OFF

CC36W150-900CG



Constant current lighting compact drivers

Product features

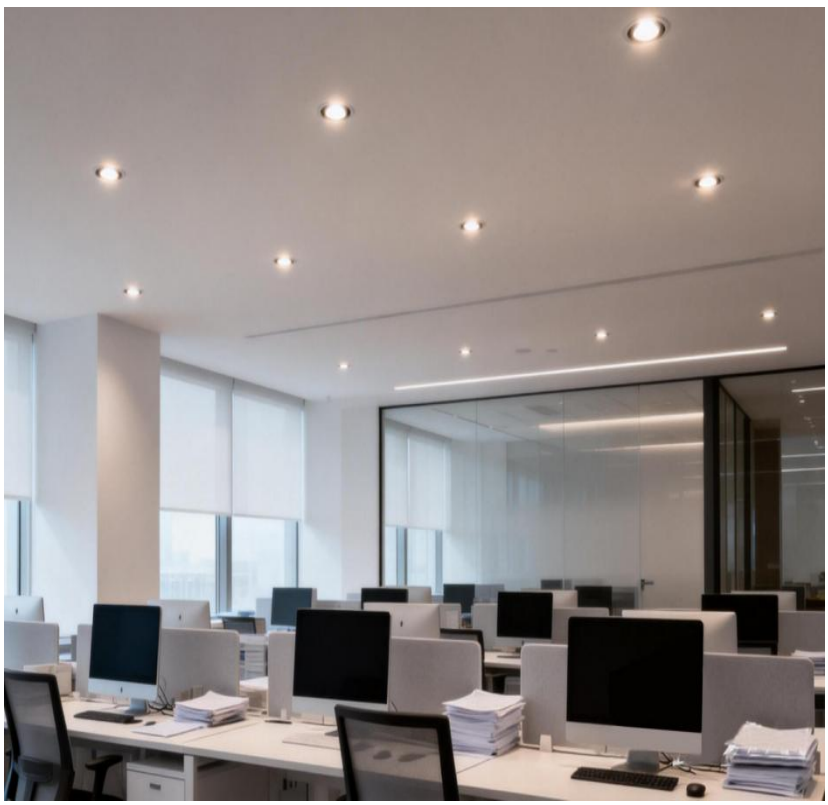
- Supply voltage 220-240 Vac/220-240VDC ± 10%
- Range input voltage 198-264 Vac
- Range DC input voltage 198-264 Vdc
- Frequency: 0/50/60 Hz
- Class II
- Power factor ≥0,95 (at full load)
- Low ripple ±10% (for 150-300mA)
  ±5% (for 350-900mA)
- Current Accuracy ±10% (for 150-300mA)
  ±5% (for 350-900mA)
- Low THD ≤15% (at full load)
- Type of protection: IP20
- SELV
- 50.000 Hours lifetime (At Tc)
- 5 Years guarantee

Product benefit

- Slim design
- Flexible configuration with Dip Switch
- Wide voltage range (2.5-50V)

Application

- Down lights
- Spotlights
- Panel lights



Product parameters

Model	Watt Range	Input Voltage	Mains current (mA)	Inrush current (A/μs)	DC Operation Range	Output Voltage	Output Current	Efficiency (typical)	Power factor (full load)	Rippel 100Hz(%)
CC36W150-900CG	0.9-6.9W	220-240VAC	0.075A	50A/60us	220-240VDC	6-50V	150mA	82%	0.75C	±10%
	1.2-9.2W		0.075A			6-50V	200mA	84%	0.83C	
	1.5-11.5W		0.080A			6-50V	250mA	85%	0.87C	
	1.8-13.8W		0.090A			6-50V	300mA	86%	0.94C	
	2.1-16.1W		0.100A			6-50V	350mA	87%	0.95	±5%
	1.0-18.4W		0.115A			2.5-50V	400mA	87%	0.95	
	1.1-20.7W		0.130A			2.5-50V	450mA	88%	0.95	
	1.2-23.0W		0.140A			2.5-50V	500mA	88%	0.97	
	1.3-25.3W		0.150A			2.5-50V	550mA	88%	0.97	
	1.5-27.6W		0.160A			2.5-50V	600mA	88%	0.97	
	1.6-29.9W		0.170A			2.5-50V	650mA	88%	0.97	
	1.7-32.2W		0.180A			2.5-48V	700mA	88%	0.98	
	1.8-34.5W		0.190A			2.5-46V	750mA	88%	0.98	
	2.0-36.0W		0.200A			2.5-45V	800mA	88%	0.98	
	2.1-35.7W		0.200A			2.5-42V	850mA	88%	0.98	
	2.2-36.0W		0.210A			2.5-40V	900mA	88%	0.98	

Operational temperatures and humidity

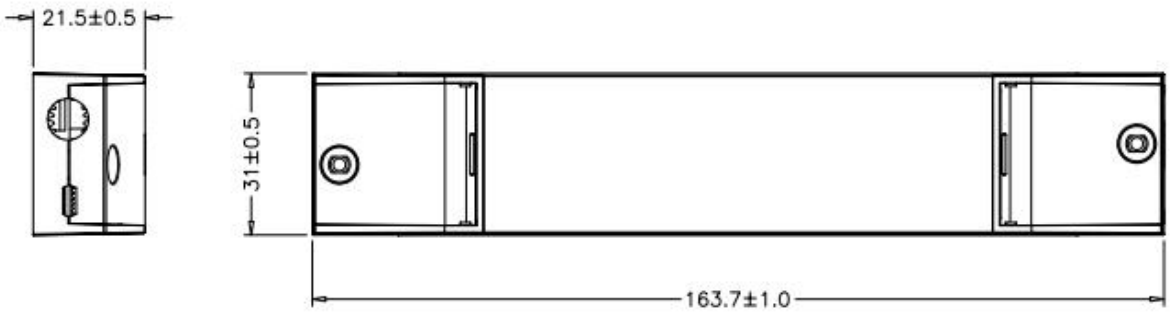
Ambient temperature range	-25 ... +50℃
Operation humidity range	10....90%RH
Storage temperature range	-30 ... +85℃
Storage humidity range	5 ... 95%RH
Maximum temperature at tc point	90℃

Expected lifetime

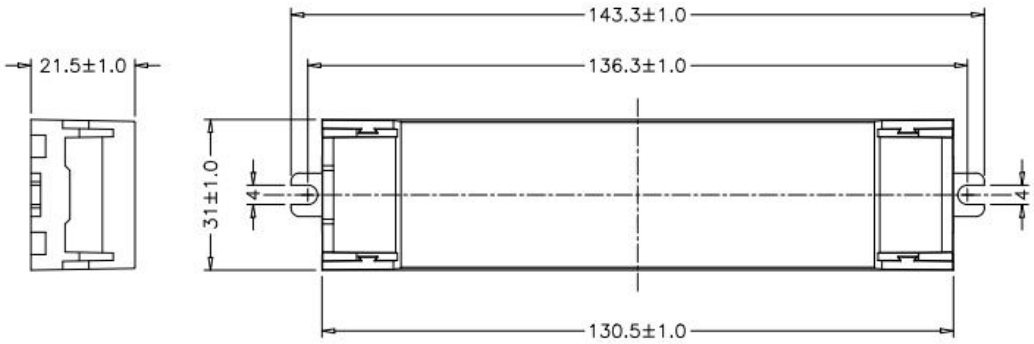
Expected lifetime at measured temp. at tc point	Tc=90℃	50000h

Dimensions: （Unit：mm）

Independent:163.7*31*21.5mm (L*W*H)



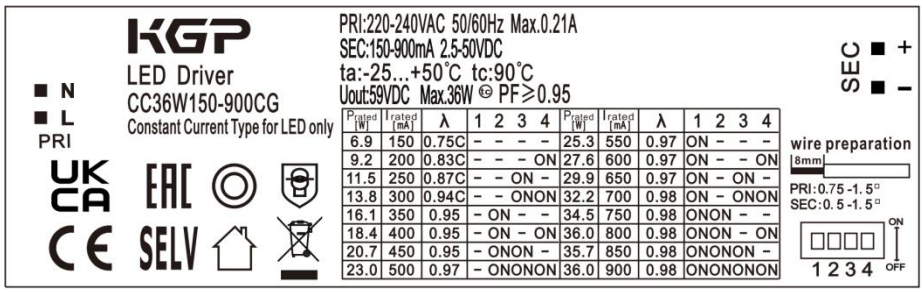
Built-in:143.3*31*21.5mm (L*W*H)



Wiring And Connections

Connectors	Push in terminal
Output wire cross-section	0.5-1.5 mm²
Output wire strip length	8-9 mm
Maximum length	0.5 m

Product Label



Prated [W]	Irated [mA]	λ	1 2 3 4	Prated [W]	Irated [mA]	λ	1 2 3 4
6.9	150	0.75C	- - - -	25.3	550	0.97	ON - - -
9.2	200	0.83C	- - - ON	27.6	600	0.97	ON - - ON
11.5	250	0.87C	- - ON -	29.9	650	0.97	ON - ON -
13.8	300	0.94C	- - ONON	32.2	700	0.98	ON - ONON
16.1	350	0.95	- ON - -	34.5	750	0.98	ONON - -
18.4	400	0.95	- ON - ON	36.0	800	0.98	ONON - ON
20.7	450	0.95	- ONON -	35.7	850	0.98	ONONON -
23.0	500	0.97	- ONONON	36.0	900	0.98	ONONONON

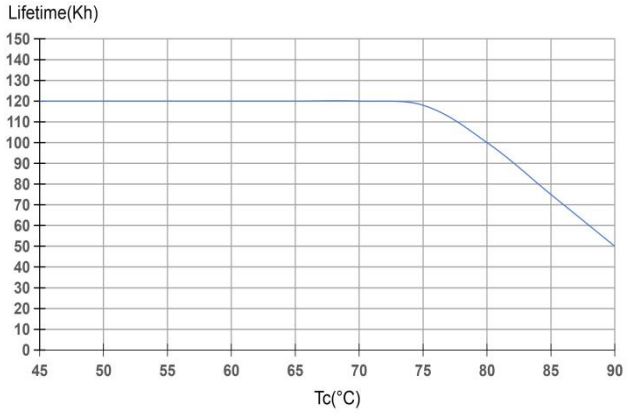
Dip Switch settings

CC36W150-900CG

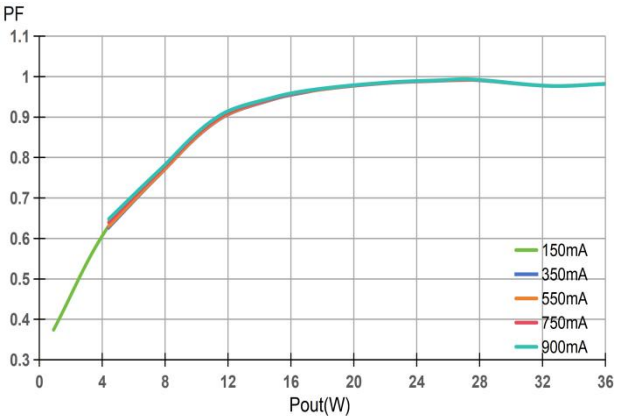
PIN 1	PIN 2	PIN 3	PIN 4	I rated (mA)	P rated (W)	U rated (V)	Factory settings (mA)
OFF	OFF	OFF	OFF	150mA	6.9	6-50V	900mA
OFF	OFF	OFF	ON	200mA	9.2		
OFF	OFF	ON	OFF	250mA	11.5		
OFF	OFF	ON	ON	300mA	13.8		
OFF	ON	OFF	OFF	350mA	16.1		
OFF	ON	OFF	ON	400mA	18.4	2.5-50V	
OFF	ON	ON	OFF	450mA	20.7		
OFF	ON	ON	ON	500mA	23		
ON	OFF	OFF	OFF	550mA	25.3		
ON	OFF	OFF	ON	600mA	27.6		
ON	OFF	ON	OFF	650mA	29.9		
ON	OFF	ON	ON	700mA	32.2	2.5-48V	
ON	ON	OFF	OFF	750mA	34.5	2.5-46V	
ON	ON	OFF	ON	800mA	36	2.5-45V	
ON	ON	ON	OFF	850mA	35.7	2.5-42V	
ON	ON	ON	ON	900mA	36	2.5-40V	

Graphs

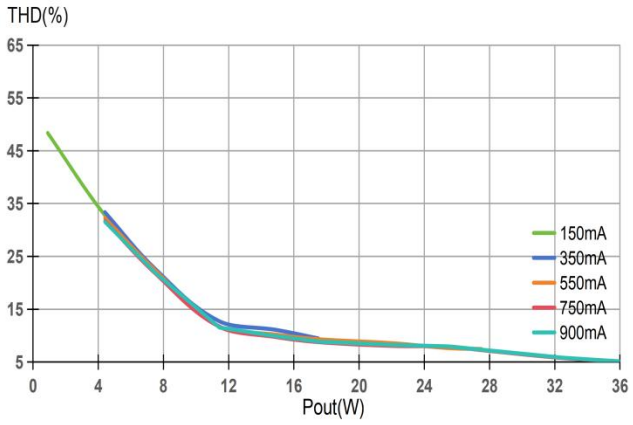
Lifetime vs. Case Temperature



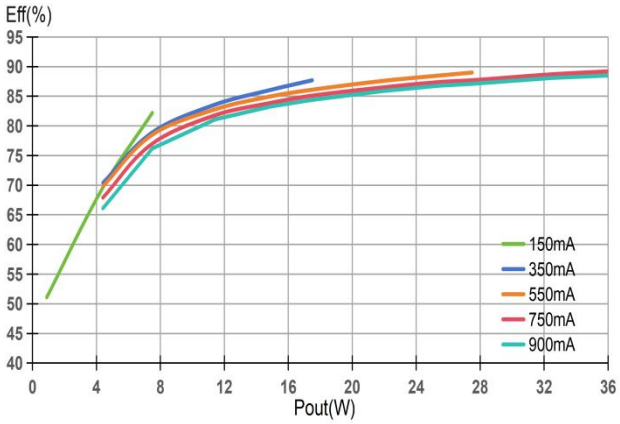
PF vs.Load



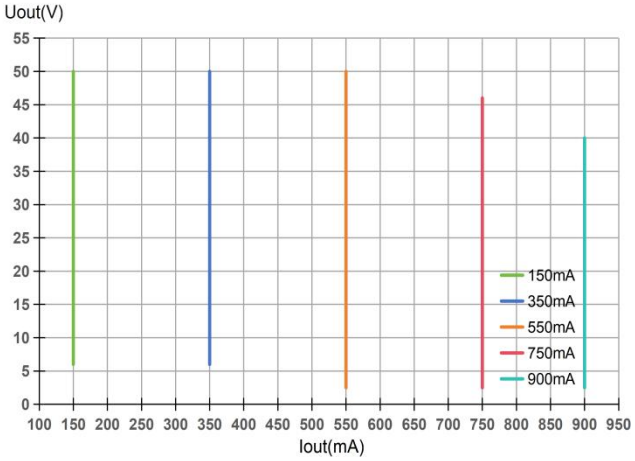
THD vs.Load



Efficiency vs. Load



Uout vs.Iout



Certificates and standards

EN 61347-1:2015/A1:2021
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020
EN 62493:2015/A1:2022
AS61347.2.13:2018
AS/NZS61347.1:2016 Inc A1 Amd 1:2018
GB 17625.1-2022
GB/T 17743-2021
GB 19510.1-2023
GB 19510.213-2023
EN IEC 55015:2019/A11:2020
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A2:2021
EN IEC 61547:2023
BS EN 61347-1:2015/A1:2021
BS EN 61347-2-13:2014/A1:2017
BS EN 62493:2015/A1:2022
BS EN IEC 62384:2020
BS EN IEC 55015:2019
BS EN IEC 55015:2019+A11:2020
BS EN IEC 61000-3-2:2019/A1:2021
BS EN 61000-3-3:2013+A2:2021
BS EN IEC 61547:2023



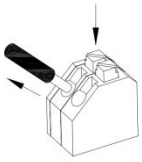
Safety Features

- Transient mains peaks protection:
  Values are in compliance with EN62384
  (Interference Immunity)
  Surges between L-N:up to 2kV
- Short-Circuit Protection: The control gear is protected against
- Permanent short-circuit with automatic restart function.
- Overload Protection: The control gear only works in range of rated output power and voltage(< 60VDC)
- Please check before switch-on mains power supply that the selected LED load is suitable (see Electrical Characteristics on data sheet).
- Overheating: The control gear has overheating protection.
- No Load Operation: The control gear is protected against no load operation(open load)
- If any of the above mentioned safety functions will be triggered disconnect the control gear from the power supply then
- Find and eliminate the cause of the problem.
- SELV
- SVM≤0,4
- PstLM≤1
- Open Circuit Voltage (Umax):59V
- Noise:≤ 20dB @Background noise ≤15dB, Interval≥20cm
- Insulation voltage: 3750V 5mA 60S between P-S
- Insulation resistance : >100M ohm @ 500VDC
- Leakage current: I/P to O/P <0.7mA
- Started Delay Time: ≤1S（230VAC,full load）

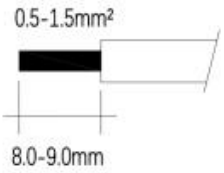
Electrical installation

- Connection terminals: Push-in terminals for rigid or flexible conductors with a section of
  Built-in:0,5-1,5mm² cable
- Stripped Length: 8-9mm
- Wiring: The mains conductor within the luminaire must be kept short
- Polarity: Please ensure the correct polarity of the leads.
  Reversed polarity can destroy the modules.
- Secondary Load: The sum of forward voltages of LED
  loads is within the tolerances which are mentioned in the Electrical Characteristics on the data sheet.
- Parallel Wiring: Parallel connection of LED loads is not allowed.

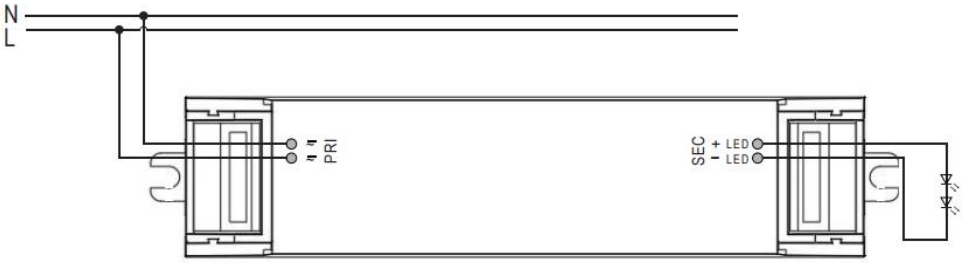
Press down the "Push Button"
and remove the cable from front.



Wire Preparation



Wiring Diagram:



Number of drivers per cut-out type

Type	B10A	B13A	B16A	B20A	B25A	C10A	C13A	C16A	C20A	C25A	D10A	D13A	D16A	D20A	D25A
CC36W150-900CG	17	22	27	34	42	28	37	45	57	71	38	49	60	76	95

Packaging unit

Built in

Model	Packaging Carton	Packaging Pallet	CartonL*W*H (mm)	Net weight/ Pcs (g)	Net weight/ Carton (kg)	Gross weight/Carton (kg)
CC36W150-900CG	100	48	345*310*158	108	11	11.4

Independent

Model	Packaging Carton	Packaging Pallet	CartonL*W*H (mm)	Net weight/ Pcs (g)	Net weight/ Carton (kg)	Gross weight/Carton (kg)
CC36W150-900CG	90	48	345*310*158	120	11.1	11.5

Revision history

DATE	REV	REMARK
2026.06.06	V1.0	Initial release
2026.08.21	V1.1	Revise Packaging unit