

Constant Current Compact DALI Dimmable

Product Specification Sheet

www.lucevita.in

CC20W200-550CG DALI

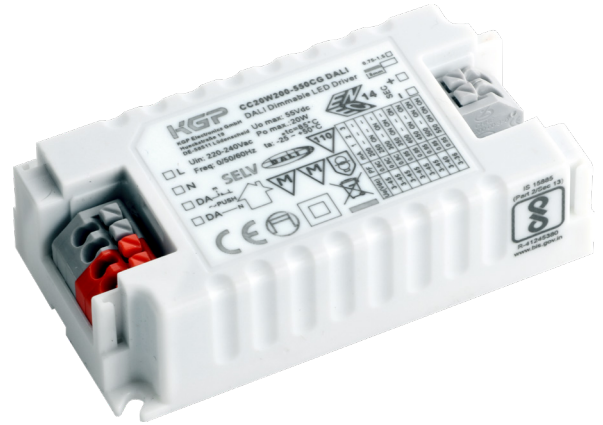
Make: KGP

Generals Benefits

DC Output with adjustable constant current
from 200-550 mA via DIP Switch
DALI-2 DT6
Flicker Free and smooth dimming light output
1% - 100% Dimming Range
Compact Shape with High Efficiency & Low PF
Life upto 1,00,000 Hrs
5 Years Warranty

Protection

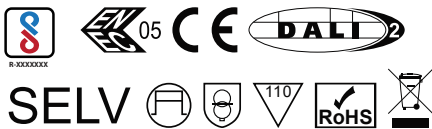
- Short & open circuit proof
- Auto overheat regulation or cut off
- Overload protection
- SELV



Application

Down Lights
Spot Lights

Approvals



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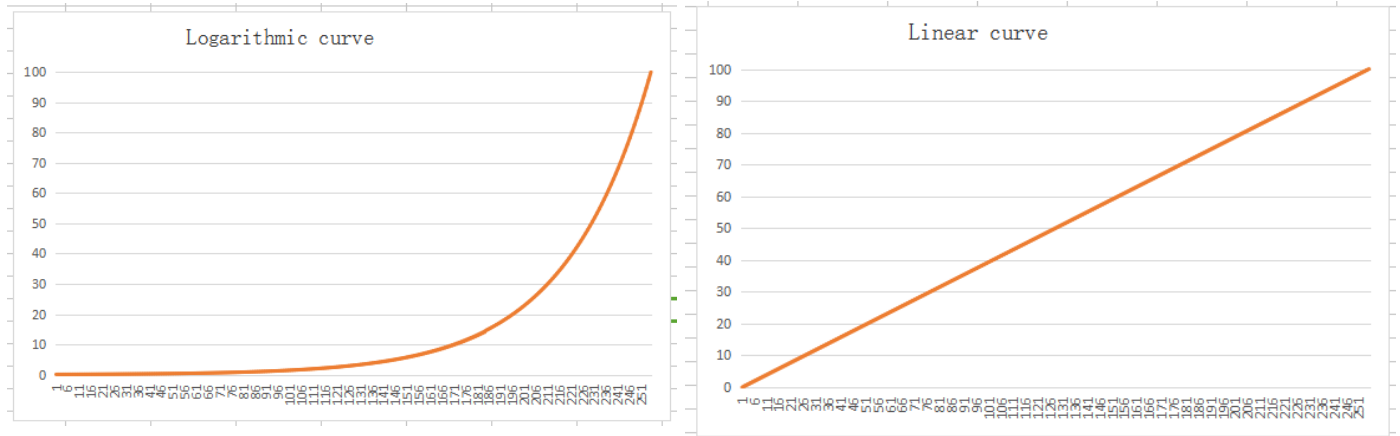
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Parameters

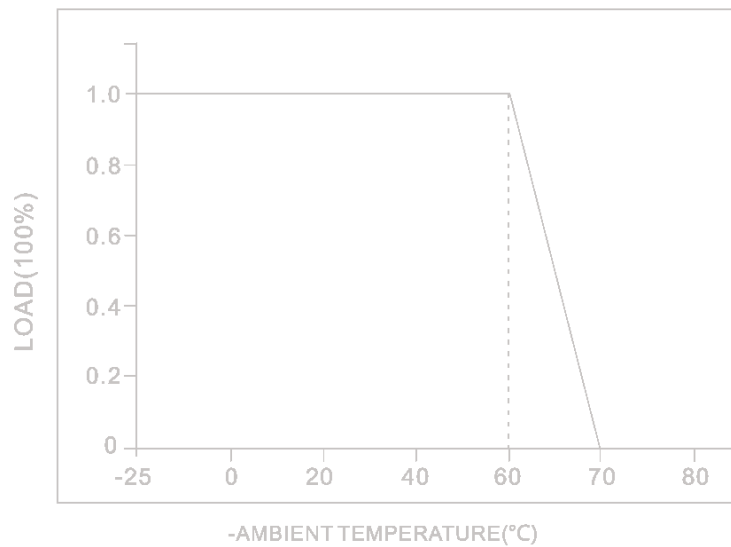
Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	DALI 2
	Dimming Range	Primary PUSH & DALI Dimming 1%-100%
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.12A (230VAC, full load)
	Input Power	≤25W (230VAC, full load)
	Power Factor	≥0.95 (230VAC, full load)
	THD	≤13% (230VAC, full load)
	No-load Power	≤1W
	Stand-by Power	≤0.5W(@230Vac when PUSH or DALI turn off)
	Inrush Current	<16A (Half current pulse width 100US) @230VAC
	Connected quantity of 16A Breaker	55pcs/type B ;70pcs/type C @ 230Vac
	Ripple requirement (Flickering-Free)	Flicker value: less than 2% for whole dimming range
	Output Voltage Range	3-45VDC
	No Load Voltage	55VDC Max
	Output Current	200mA(3-45) 250mA(3-45) 300mA(3-45) 350mA(3-45) 400mA(3-45) 450mA(3-45) 500mA(3-40) 550mA(3-36)
Output	Full load output power	20W
	Efficiency	≥87 % (230VAC, full load)
	Started Delay Time	≥1S (230VAC, full load)
	Primary PUSH dimming	Primary PUSH dimming (maximum lead length: 20M)
	DALI Dimming	Yes
Control Method	Input over voltage protection	300V AC 50Hz / 60Hz 2h
	Output no-load protection	Yes, self-recovery (with query function)
	Output over-temperature protection	Yes, non-recoverable (with query function)
Protection	Output short circuit protection	Yes, non-recoverable (with query function)
	Ta/Operation Temperature/Humidity	-25+50°C, Humidity:85%(Non-Condensing)
	Ts/Storage Temperature	-40°C...+80°C 10 ~95%RH (Non-Condensing)
	Tc/Enclosure Temperature	85°C
Environment	Connection Method	Push in Terminal
	Installation	Independent Installation
	PRI Wire Preparation	0.75-1.5mm ²
	SEC Wire Preparation	0.75-1.5mm ²
Construction	Dimension	With Crimping Cover: 116*40.5*22mm Without Crimping Cover: 78*40.5*22mm
	Certification	ENEC CE
	Safety Standard	EN61347-1, EN61347-2-13,EN62493,EN60598-1
	EMC Standard	EN55015 EN61547 EN61000-3-2 EN61000-3-3
	DALI Protocol Standard	IEC62386-102 IEC62386-207
	Surge	L-N/1KV (L/N)-PE/2KV
Standards	RoHS	Complied to 2011/65/EU
	Blackout Memory Function	Yes, Pushout Memory
	Push Dimming Synchronization	15 Units Max
Carton (K=A)	Packaging Requirement	White box + Instrctions Clapboard Outer
	Life Time	50000h@Tc 85°C F.R.<10% 70000h@Tc 80°C F.R.<10% 100000h@Tc 75°C F.R.<10%
Warranty		5 Years

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Dimming Curve



Derating



Current / voltage gear setting	1	2	3
200mA	-	-	-
250mA	ON	-	-
300mA	-	ON	-
350mA	ON	ON	-
400mA	-	-	ON
450mA	ON	-	ON
500mA	-	ON	ON
550mA	ON	ON	ON

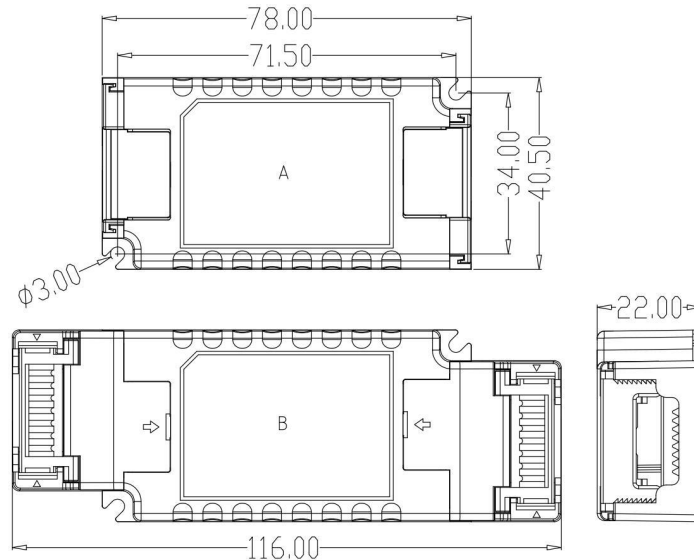
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Dimension



Remarks

1. All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C 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.
3. Warranty Mentioned is a limited warranty only to the original purchaser or to the first user @ Tc max from the date of manufacturing when properly installed and operated under normal conditions of use.
4. Please refer our website for details warranty conditions.
5. For further details, kindly refer our website. www.lucevita.in, or email info@lucevita.in.