

## CC35W700-1050CG DALI

Make: KGP

### Generals Benefits

DC Output with adjustable constant current  
from 700-1050 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

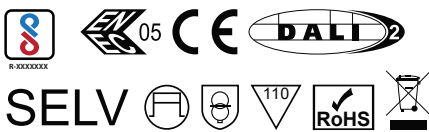
- Short & open circuit proof
- Auto overheat regulation or cut off
- Overload protection
- SELV



### Application

Down Lights  
Spot Lights

### Approvals



# Constant Current Compact DALI Dimmable

## Product Specification Sheet

www.lucevita.in

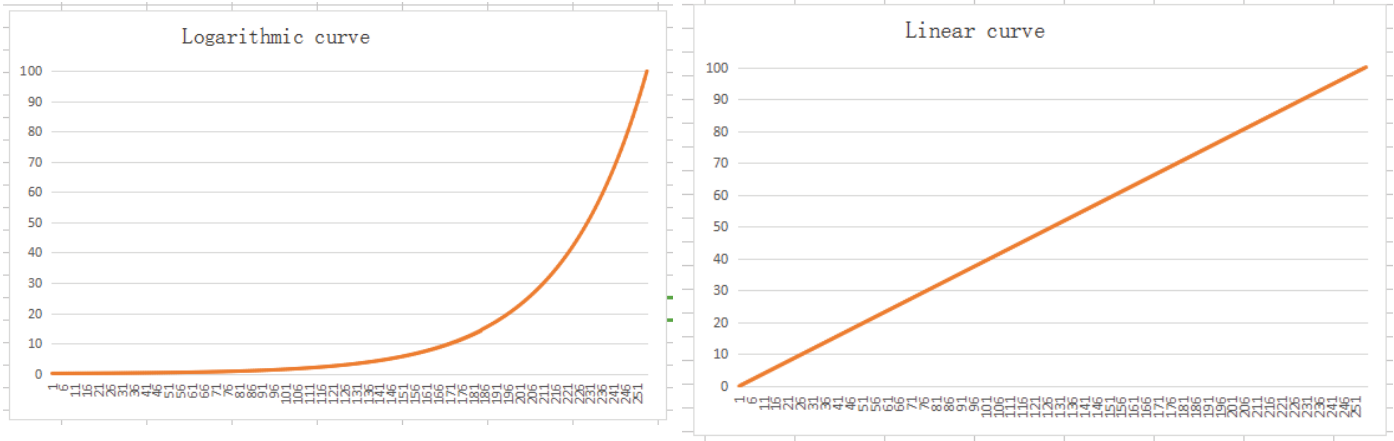
### CC35W700-1050CG DALI

#### Parameters

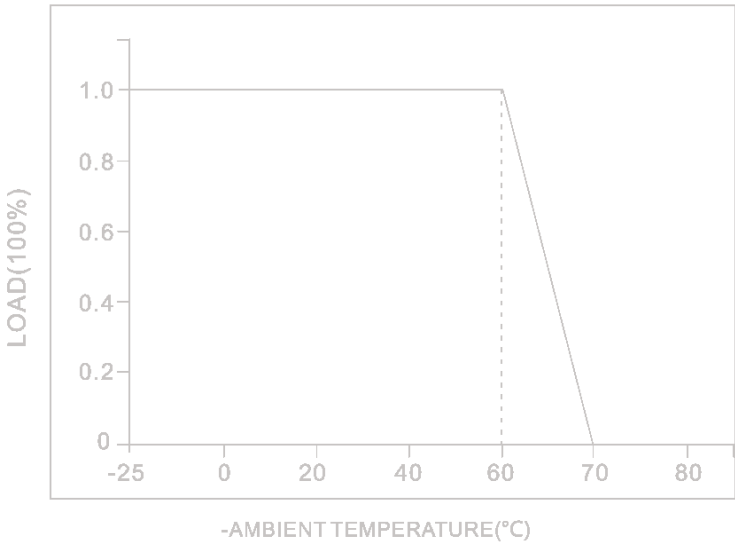
Category	Item	Technical Norm		
Features	Output Type	Constant Current		
	Dimming Type	DALI 2		
	Dimming Range	Primary PUSH & DALI Dimming 1%-100%		
	IP Grade	IP20		
	Insulation Class	Class II		
Input	Rated Input Voltage	220-240VAC		
	Range of Input Voltage	198-264VAC		
	Frequency	50/60Hz		
	Input Current	≤0.22A (230VAC, full load)		
	Input Power	≤41W (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	40pcs/type B ;60pcs/type C @ 230Vac		
	Ripple requirement (Flickering-Free)	Flicker value: less than 2% for whole dimming range		
Output	Output Voltage Range	3-40VDC		
	No Load Voltage	55VDC Max		
	Output Current	700mA(3-40)	750mA(3-40)	800mA(3-40)
		850mA(3-40)	900mA(3-38)	950mA(3-36)
		1000mA(9-35)	1050mA(9-33)	
	Constant current accuracy	±5%		
	Full load output power	35W		
	Efficiency	≥87 % (230VAC, full load)		
	Started Delay Time	≥1S (230VAC, full load)		
	Primary PUSH dimming	Primary PUSH dimming (maximum lead length: 20M)		
Control Method	DALI Dimming	Yes		
	Input over voltage protection	300V AC 50Hz / 60Hz 2h		
	Output no-load protection	Yes, self-recovery (with query function)		
Protection	Output over-temperature protection	Yes, non-recoverable (with query function)		
	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)		
Environment	Tc/Enclosure Temperature	85°C		
	Connection Method	Push in Terminal		
	Installation	Independent Installation		
Construction	PRI Wire Preparation	0.75-1.5mm <sup>2</sup>		
	SEC Wire Preparation	0.75-1.5mm <sup>2</sup>		
	Dimension	With Crimping Cover: 136*42.5*24mm; Fig A		
		Without Crimping Cover: 96*42.5*24mm; Fig B		
	Certification	ENEC CE		
Standards	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		
	RoHS	Complied to 2011/65/EU		
	Blackout Memory Function	Yes, Pushout Memory		
	Push Dimming Synchronization	15 Units Max		
	Packaging Requiement	White box + Instrctions Clapboard Outer Carton (K=A)		
	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

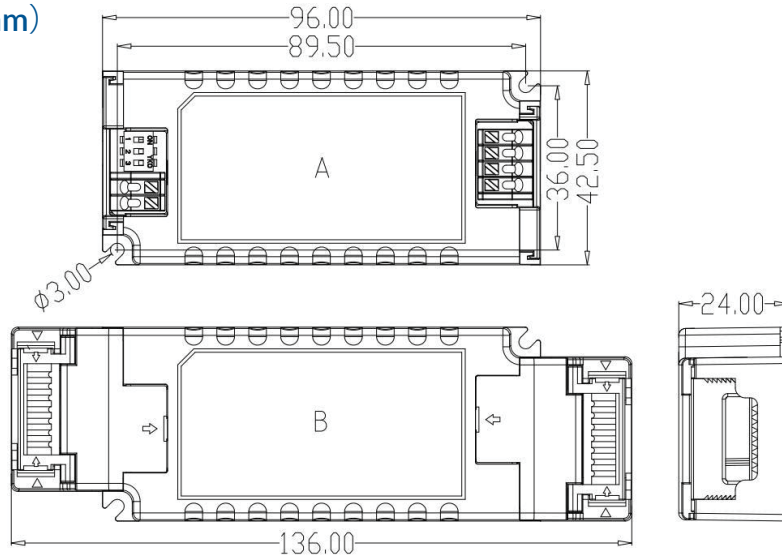


Current gear setting

Current / voltage gear setting	1	2	3
700mA	-	-	-
750mA	ON	-	-
800mA	-	ON	-
850mA	ON	ON	-
900mA	-	-	ON
950mA	ON	-	ON
1000mA	-	ON	ON
1050mA	ON	ON	ON

### CC35W700-1050CG DALI

Dimension (Unit : mm)



#### 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](http://www.lucevita.in), or email [info@lucevita.in](mailto:info@lucevita.in).