

CC44W700-1050 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

CC44W700-1050 DALI

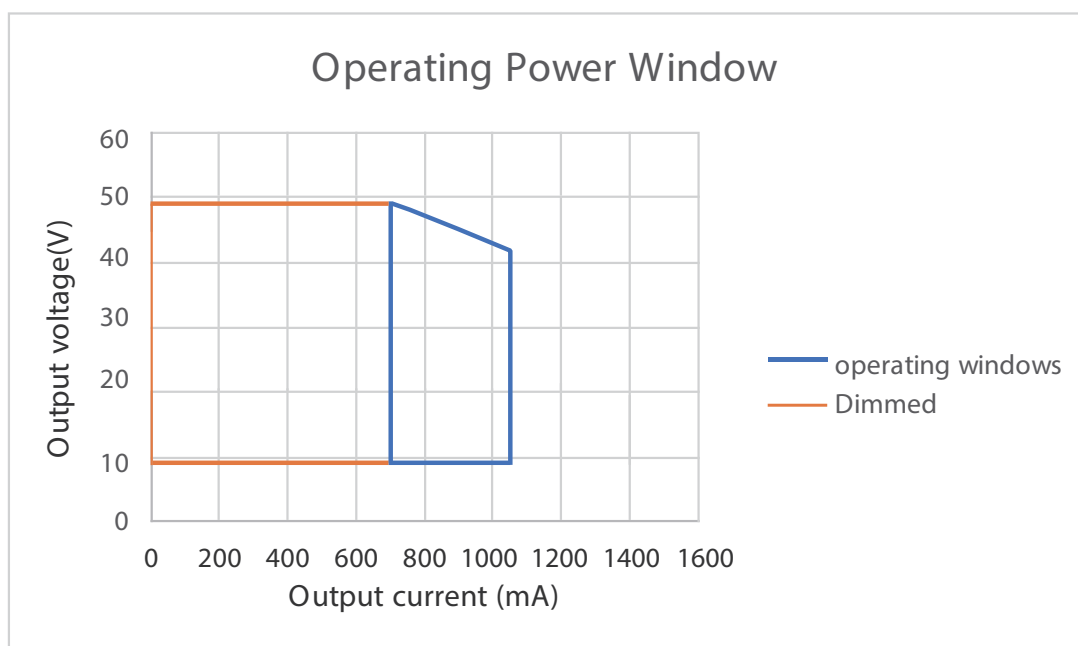
Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	DALI 2/Touch Dim
	IP Grade	IP20
	Insulation Class	Class II (Compatible Class I)
	Rated Input Voltage	220-240VAC
Input	Range of Input Voltage	198-264VAC
	Frequency	0/50/60Hz
	Input Current	≤0.26A (230VAC, full load)
	Input Power	≤50.1W (230VAC, full load)
	Power Factor	≥0.95 (230VAC, full load)
	THD	≤15% (230VAC, full load)
	No-load Power	≤1W
	Stand-by Power	≤0.45W(@230Vac when PUSH or DALI turn off)
	Inrush Current	<20A/29US @230VAC
	Connected quantity of 16A Breaker	16pcs/type A; 25pcs/type B; 40pcs/type C @ 230Vac
Output	Output Voltage Range	9-49VDC@700mA; 9-48VDC@750mA 9-45VDC@800-900mA; 9-42VDC@950-1050mA
	No Load Voltage	59VDC Max
	Output Current	700-1050mA
	Constant current accuracy	±5%
	Full load output power	44.1W
	Efficiency	≥88 % (230VAC, full load)
	Output Current Ripple	±3%
	Started Delay Time	≥1S (230VAC, full load)
	Primary PUSH dimming	Primary PUSH dimming (maximum lead length: 20M)
	DALI Dimming	1%-100% (Max. lead wire length :30m) logarithm or linear dimming curve selectable
Control Method	Short Circuit Protection	Auto Recovery
	Over Load Protection	Auto Recovery
	No-load protection	Auto Recovery
Protection	Insulation Voltage	3000V 5mA 60S between P-S
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	< 700μA, I/P to O/P @230V input
	Ta/Operation Temperature	20....+45°@700-1000mA ; -20....+40°@1050mA
Environment	Ts/Storage Temperature	-20....+85°
	Tc/Enclosure Temperature	85°C
	Humidity	10%....90%RH
Construction	Atmosphere	86-108KPa
	Connection Method	Push in Terminal
	Installation	Built In
	PRI Wire Preparation	0.5-1.5mm ²
	SEC Wire Preparation	0.5-1.5mm ²
	DALI Wire Preparation	0.5-1.5mm ²
	Dimension	97*43.5*23mm (L*W*H)

CC44W700-1050 DALI

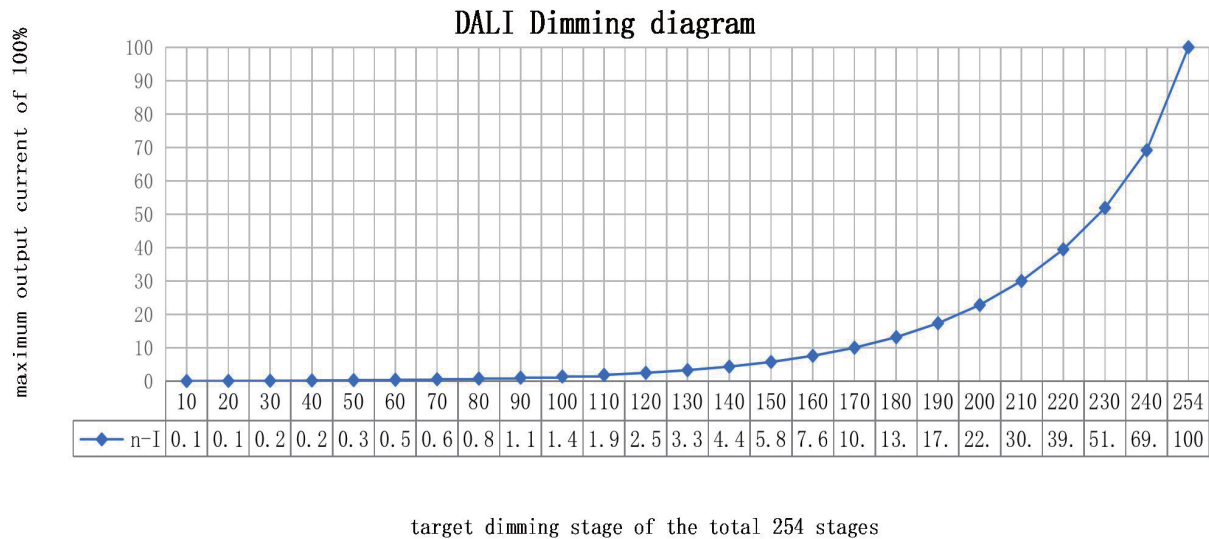
Parameters

Category	Item	Technical Norm
Standards	Certification	ENEC CE
	Safety Standard	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017; EN62384:2006/A1:2009; AS 61347.2.13:2018;
		AS/NZS61347.1:2016; BS EN61347-1:2015/A1:2021;
		BS EN61347-2-13:2014/A1:2017;
		IEC 61347-1:2015+A1:2017;
		IEC 61347-2-13:2014+A1:2016
	EMC Standard	AS/NZS CISPR 15:2011;AS CISPR 15:2017 ; BS EN IEC 55015:2019+A11:2020; EN 61547:2009;
		BS EN IEC 61000-3-2:2019;
		BS EN 61000-3-3:2013+A1:2019;
	Performance	EN62384
Others	DALI Performance	EN 62386-101 (DALI-2); EN 62386-102 (DALI-2) EN 62386-207 (DALI-2, including part 251, 252, 253)
	Surge	L/N-Ground:2kV; L-N:1kV
	RoHS	Complied to 2011/65/EU
	Life Time	50000h@Tc 85°C 75000h@Tc 80°C 100000h@Tc 75°C
	Warranty	5years, F.R. <10000ppm



CC44W700-1050 DALI

Dimming Curve

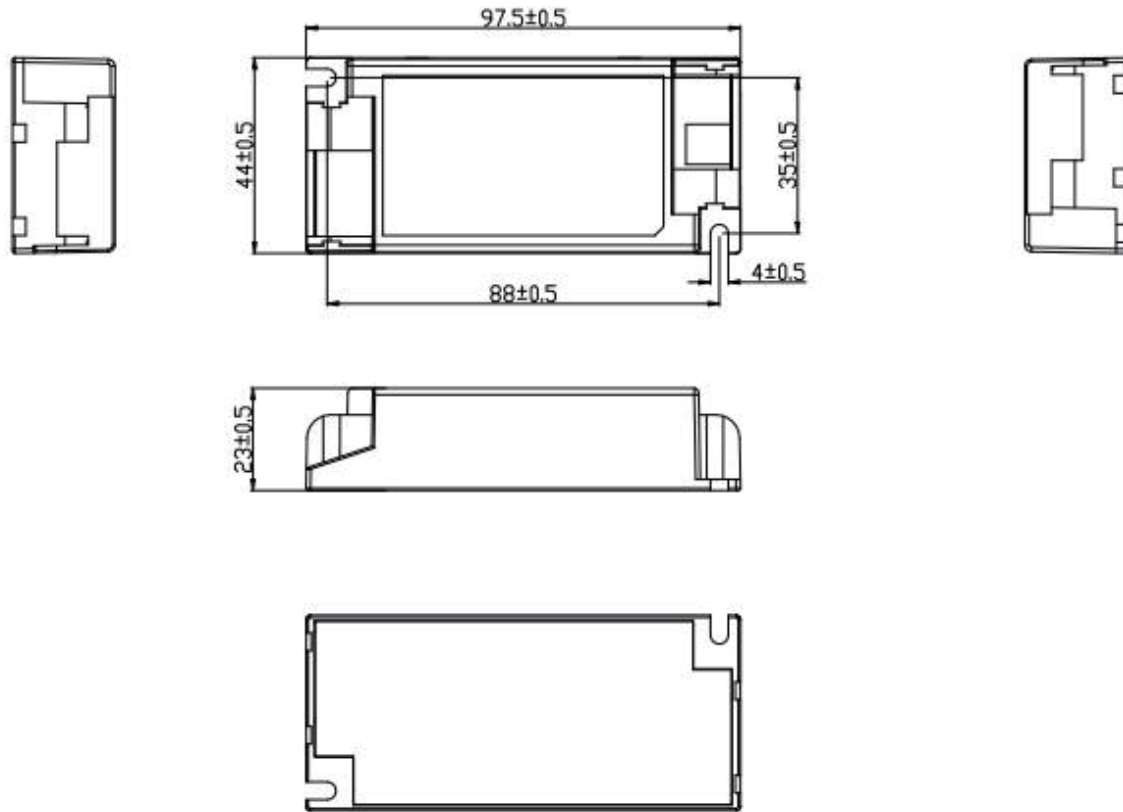


Current gear setting

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

CC44W700-1050 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, or email info@lucevita.in.