

Constant Current Compact DALI Dimmable

Product Specification Sheet

LUCE VITA
illuminating intelligently

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CC36W150-900 DALI NFC

Make: KGP

Generals Benefits

DC Output with adjustable constant current
from 150-900 mA via NFC
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



Application

Down Lights
Spot Lights
Linear Lights

Approvals



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Product Specification Sheet

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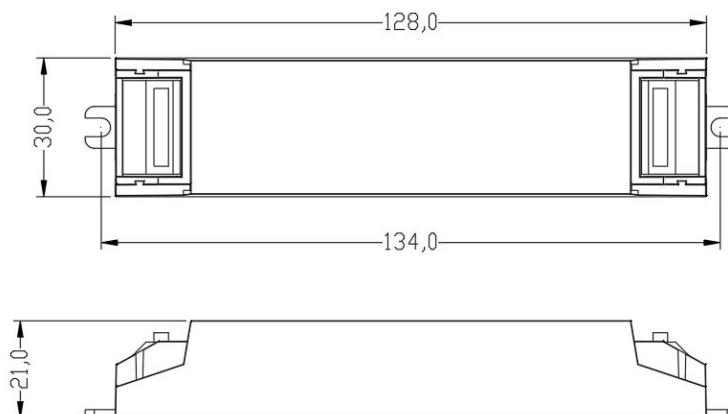
CC36W150-900 DALI NFC

Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	DALI 2
	Dimming Range	DALI Dimming 1%-100%
	IP Grade	IP20
	Insulation Class	Class II (Compatible class I)
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	0/50/60Hz
	Input Current	≤0.25A (230VAC, full load)
	Input Power	≤40.9W (230VAC, full load)
	Power Factor	≥0.95 (230VAC, full load)
	THD	≤10% (230VAC, full load)
	No-load Power	≤1W
	Stand-by Power	≤0.45W Dim to off, 230VAC
	Inrush Current	≤8.5A/16us (230VAC, full load)
Output	Connected quantity of 16A Breaker	37pcs/type A; 59pcs/type B ; 94pcs/type C
	Ripple requirement (Flickering-Free)	Flicker value: less than 3% for whole dimming range
	Output Voltage Range	2.5-50VDC @150-700mA, 2.5-42V @750-850mA, 2.5-40VDC @900mA
	No Load Voltage	60VDC Max
	Output Current	150 - 900mA (by NFC setting)
	Full load output power	36W
	Efficiency	≥88 % (230VAC, full load)
	Output LF current ripple (< 120 Hz)	±3% (Imax-Imin) / (Imax+Imin)
	Current Accuracy	±5%
	PSTLM	≤1
Control Method	SVM	≤0.4
	Starting Time(AC mode)	≤0.8S (230VAC, full load, by DALI system)
	Starting Time(DC mode)	≤0.4S
	Switching over time(AC/DC)	≤0.4S
	PUSH dimming	PUSH dimming (Max. lead wire length: 20m, same port of DALI)
	DALI function	DALI dimming (Max. lead wire length:30m) logarithm or linear dimming curve selectable
	Dimming range	DALI dimming: 1%-100%
	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery (not be hot swap)
	No-load Protection	Auto Recovery
Protection	Insulation voltage	3000V 5mA 60S between P-S, 1500V 5mA 60S between P-E
	Insulation resistance	>100M ohm @ 500VDC L/N to PE
	Leakage current	< 700μA, I/P to O/P @230V input
	Ta/Operation Temperature	-20....+50° C
Environment	Ts/Storage Temperature	-20....+95° C
	Tc/Enclosure Temperature	95° C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Built-in
	PRI Wire preparation	0.5-1.5 / 8-9mm
	SEC Wire preparation	0.5-1.5 / 8-9mm
	DALI Wire preparation	0.5-1.5 / 8-9mm
	Dimension	134*30*21mm (L*W*H)

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Dimension



Remarks

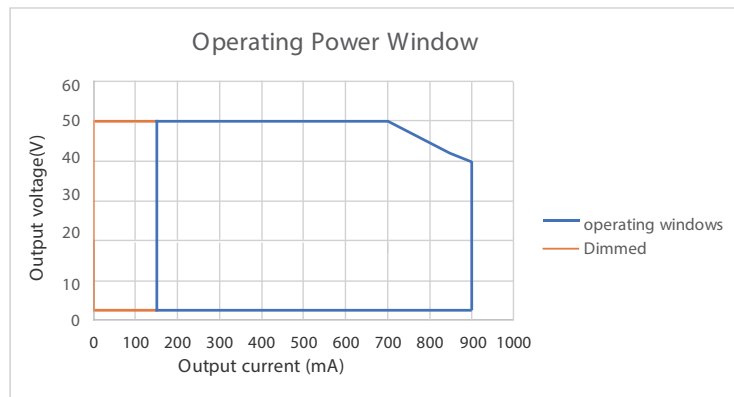
1. All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.
2. LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.
3. Warranty Mentioned is a limited warranty only to the original 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.

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Parameters

Category	Item	Technical Norm
Standards	Certification	CE/ENEC/SAA/UKCA/EAC
	Safety Standards	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 Standards	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	EN 62384
	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	2011/65/EU
	Life Time	50000h Tc=90° C 75000h Tc=85° C 100000h Tc=80° C
	Warranty	5years, F.R. <10000ppm
Others		

Output Power Window



DALI Dimming Curve

