



### Features:

- Constant Voltage adjusted with NFC
- AC Input Range: 100~277VAC
- Protections: Short Circuit/Over Load/Over temperature
- IP66 Design for outdoor installation
- Single colour or RGB+CCT models
- Casambi control
- 5 year warranty

RoHS   IP66 SELV CB

Model		CAS-150-24	CAS-150-24-RGBCW
Output	DC Voltage (V)	24V (24~26V adjusted via NFC)	
	Voltage Tolerance	±0.5V	
	Voltage Regulation	≤0.5%	
	Rated Current	6.25A	R+G+B+CW+WW= 6.25A
	Rated Power	150W	
	Load Regulation	1%	
	PWM Output Frequency	8KHz	
Input	Voltage Range	100~277VAC	
	Frequency Range	47~63Hz	
	Power Factor	PF≥0.98@230VAC	
	THD(Typ.) @ Full load	≤10%@230VAC      ≤15%@277VAC	
	Efficiency	91%@230VAC	
	AC Current (Max.)	1.8A	
	Inrush Current	35.2A, 510us@50%230VAC	
	Leakage Current	<0.5mA	
Protection	Short Circuit	Hiccup mode, recover automatically after fault condition is removed	
	Over Load	≤120%, Hiccup mode, recover automatically after fault condition is removed	
	Over Temperature	Case surface temp 100°C±10°C shut down o/p voltage, automatically recover after cooling.	
Environment	Working Temp.	-40 ~ +60°C (refer to de-rating curve)	
	Working humidity	20 ~ 95%RH, non-condensing	
	Storage TEMP, humidity	-40~+80°C, 10~95%RH, non-condensing	
	TEMP. coefficient	±0.03%/°C (0~50°C)	
	Vibration	10 ~ 500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axis	
Safety & EMC	Safety Standards	EN61347-1 EN61347-2-13	
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	Isolation resistance	I/P-O/P:100MΩ / 500VDC / 25°C / 70%RH	
	EMC emissions (Note 3.)	EN55015 EN61000-3-2,3 (≥50%)	
Others	NET Weight.	0.84KG	
	Dimensions	279*78*25.1mm (L*W*H)	
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Tolerance: Includes set up tolerance and load regulation. 3. The power supply is considered as a component that is operated in combination with final equipment. EMC performance could be affected by the complete installation. Original equipment manufacturers may need to conduct additional EMC testing and certification on the final equipment. 4. Loading range from 10% to 100% 5. Specifications are subject to change without prior notice. Contact ADM Systems to confirm any critical parameters.		