



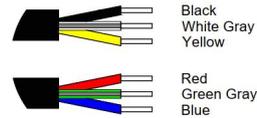
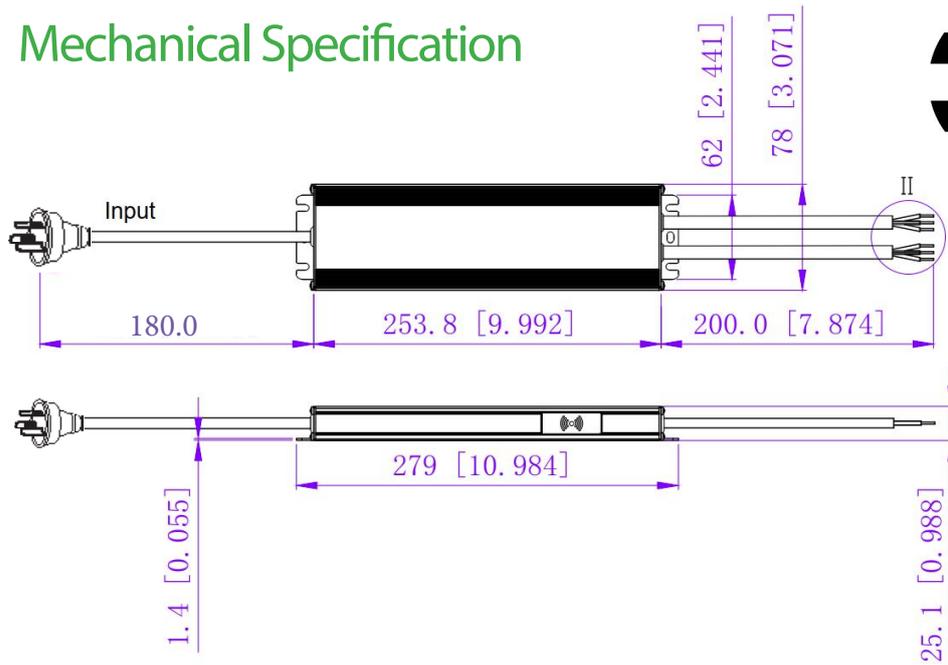
**Features:**

- Constant Voltage adjusted with N
- FC (see below)
- 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		
	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%@120VAC	≤10%@230VAC	≤15%@277VAC
	Efficiency	89% @120VAC	91%@230VAC	
	AC Current (Max.)	1.8A		
	Inrush Current	35.2A, 510us@50%230VAC		
Protection	Leakage Current	<0.5mA		
	Short Circuit	Hiccup mode, recover automatically after fault condition is removed		
	Over Load	≤120%, Hiccup mode, recover automatically after fault condition is removed		
Environment	Over Temperature	Shell surface temp. 100°C±10°C shut down o/p voltage, automatically recover after cooling.		
	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)		
Safety & EMC	Vibration	10 ~ 500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axis		
	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		
Others	EMC emissions (Note 3.)	EN55015 EN61000-3-2,3 (≥50%)		
	NET Weight.	0.84KG		
Notes	Dimensions	279*78*25.1mm (L*W*H)		
	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Tolerance: Includes set up tolerance and load regulation.</li> <li>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.</li> <li>4. Loading range from 10% to 100%</li> <li>5. Specifications are subject to change without prior notice. Contact ADM Systems to confirm any critical parameters.</li> </ol>			

## Mechanical Specification

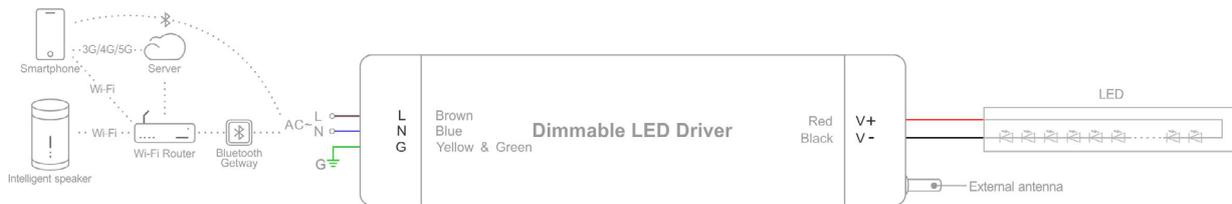


- Output cable type: 3\*0.824mm<sup>2</sup>, Black, White and Yellow cable (+) to Positive side(+), Red, Green and Blue cable (-) to Negative side (-).
- Incorrect wiring could result in damage to LED Driver, which is not covered by the warranty.
- Contact your supplier with specific input, or output configuration requests.

## Dimming Operation and Connection Diagram

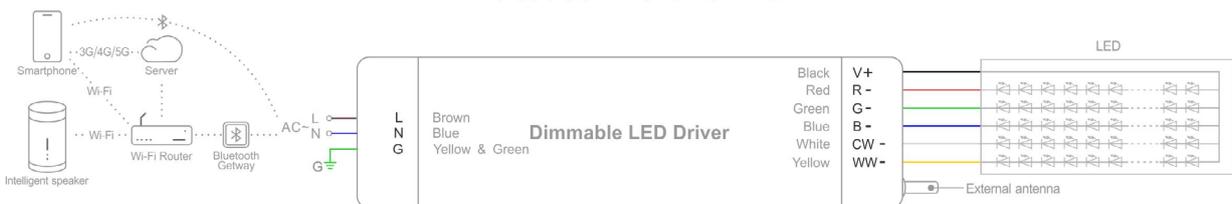
- CAS-150-24-AUP

### Bluetooth - 1 Channel

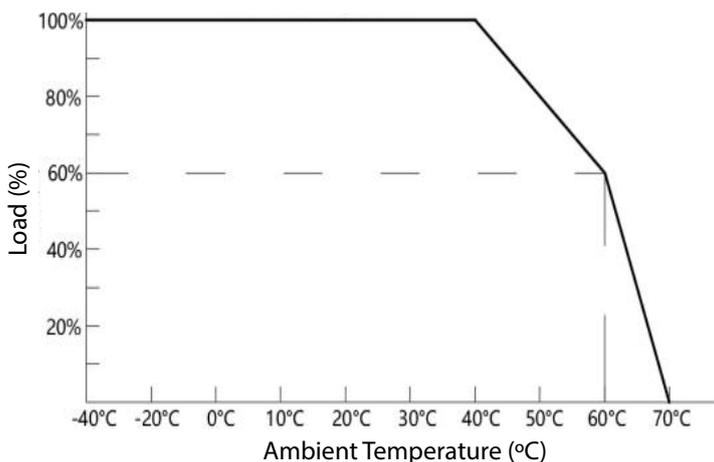


- CAS-150-24-RGBCW-AUP

### Bluetooth - 5 Channel



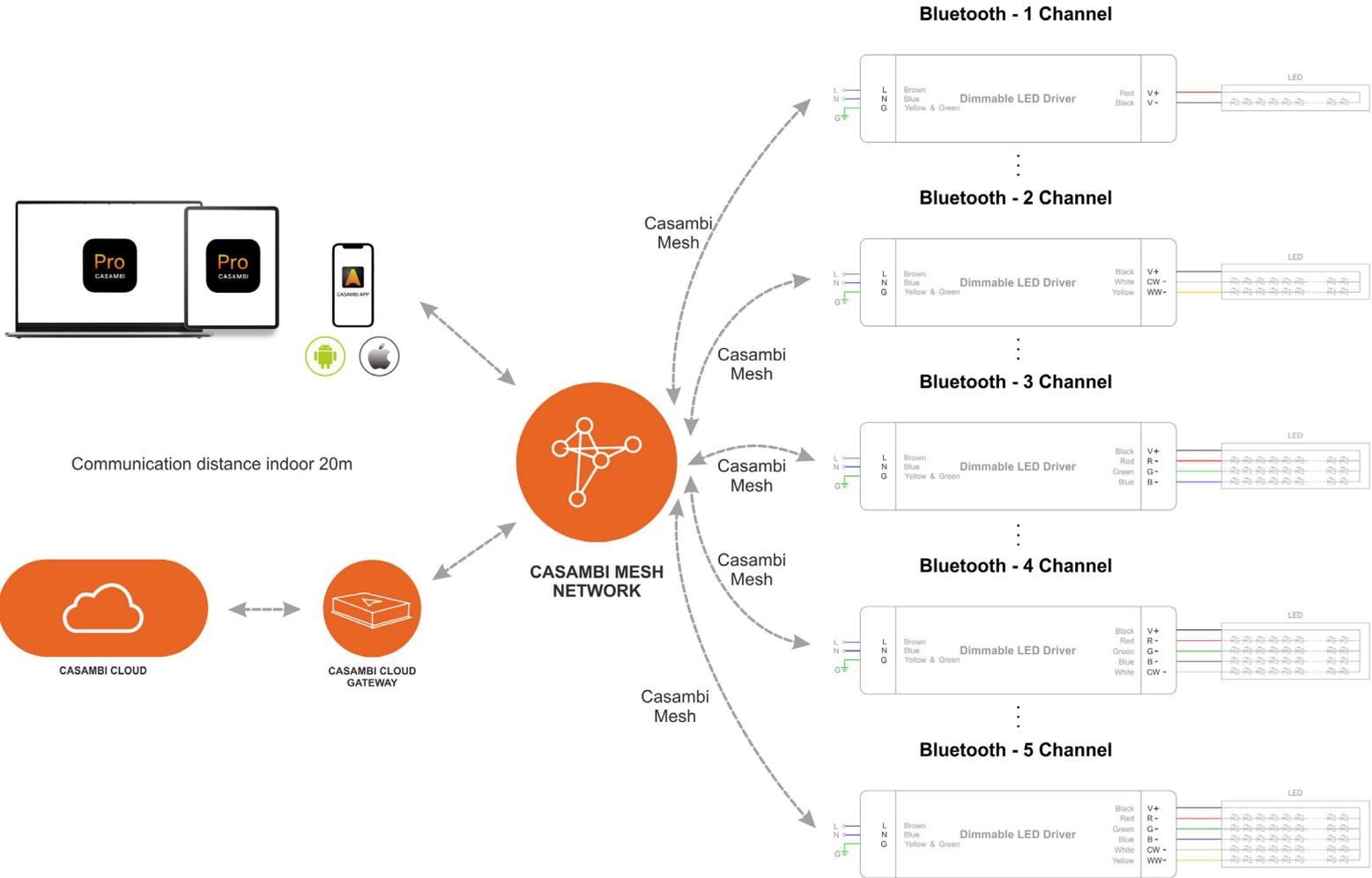
## De-rating Curve



- If being used in higher ambient temperatures, ensure the load on the LED driver is de-rated in accordance with this chart. Failure to do so could lead to a premature failure, which is not covered by the warranty.

- 1) This LED driver should be installed by a qualified electrician.
- 2) Please make sure the LED driver is installed with adequate ventilation around it to allow for heat dissipation.
- 3) Ensure that all wiring is correct before testing in order to avoid damage to the LED driver, or the LEDs.

**Substantive Use**



**Quick start process for first time CASAMBI APP Users**

The Bluetooth dimmable driver can be controlled via a mobile app. Download the "CASAMBI" app from the Apple Store or Android Market on your mobile phone or tablet.

