

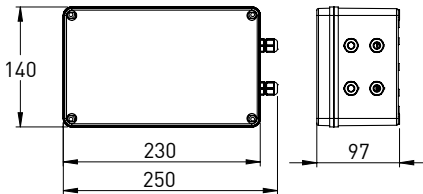
TECHNICAL DETAILS

- Range of Constant Current DMX Dimmable LED Drivers for LEDStars & other LED devices
- IP66 Glass Fibre Reinforced Polycarbonate Enclosures
- Grey colour similar to RAL 7035
- Independant Converter. Control gear requires no additional housing
- SELV Safety Extra Low Voltage output. EN 61347-2-13
- Model 421838 is Class 1; Requires earth connection
- Without DMX connection, driver operation is switch mode (Dependant on DALI Steup)

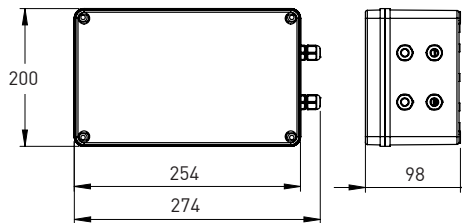


IP66

421873-XXX-20 DIMENSIONS

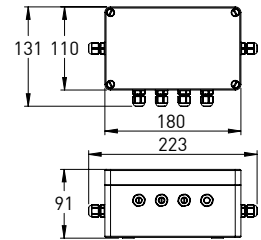


421874-XXX-20 DIMENSIONS



SPLITTER BOX DIMENSIONS

If using 2 to 4 fittings, specify splitter box for serial connections in IP65 junction box.
Part Number: 4208X-30



DRIVER SPECIFICATION & SELECTION CHART

Output Current	Output Power (Min -Max)	Output Voltage (Min -Max)	Dimming Level	Weight	Driver Efficiency	LEDStar Maxi Fittings (Min-Max)	Driver Code	
							Driver Without Junction Box*	1 Way Junction Box Outputs
DMX Dimmable								
450mA	1-50W	2-55V	0/1-100%	0.8kg	86%	1	421873-450-10	421873-450-20
450mA	1-100W	2-57V	0/1-100%	0.8kg	86%	1 - 2	421874-450-10	421874-450-20

* Remote for interior use

LEDStar Loading Calculated based on nominal LED Forward Voltage

POWER (W)	450mA				
	Red	Green	Blue	White	Total
Power	6.1W	7.1W	7.8W	10.1W	31.1W
Forward Voltage	13.5V	15.8V	17.4V	22.5V	53.4V

For LED fittings, determine the total forward voltage of the LED chain at the driver current and ensure this lies within the output range of the driver

CASAMBI CONTROL DEVICE

The Casambi Dongle is wired directly into the DMX input of the driver. It allows each fitting to be controlled with your smart device via Casambi app.

DIMMING PROTOCOL	CODE
DMX	537519-801

Casambi device can be housed in driver junction box with driver for exterior use.

DRIVER SPECIFICATION & SELECTION CHART

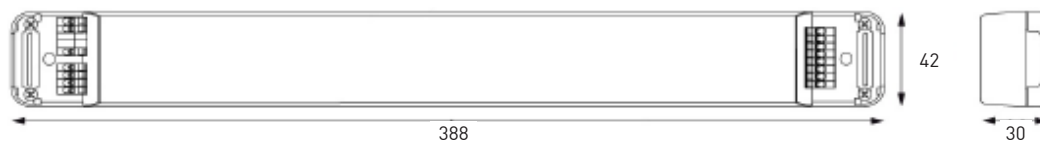
Output Current	Output Power (Min-Max)	Min-Max Fittings	LEDSTAR MAXI RGBW				Code
			Cable Diameter				
			0.5mm ²	0.75mm ²	1.00mm ²	1.50mm ²	
DMX Dimmable							
450mA	1-50W	1	120m	180m	240m	370m	421873-650-**
450mA	1-100W	1 - 2	260m	390m	520m	790m	421874-650-**

Under loading driver will allow for increase allowable cable length for the remaining LED fittings

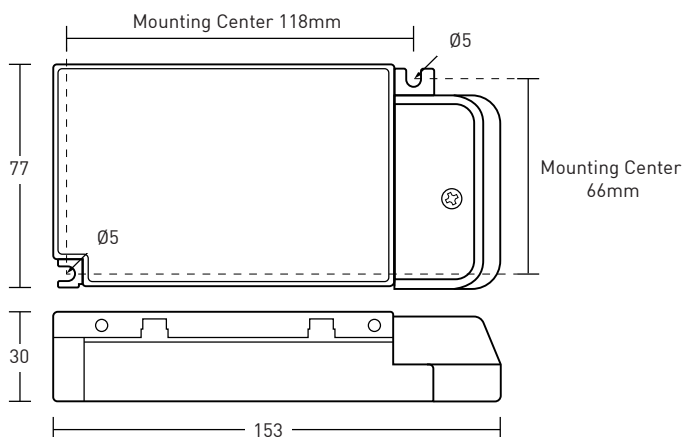
Additional Cable per LED						
450mA			590m	890m	1190m	1780m
Volt Drop per 100m						
450mA			3.8V	2.5V	1.9V	1.3V

For long cable lengths, the volt drop in the cable should be added to the LED fitting forward voltage. Ensure that the total volt drop in the cable and LED fittings is within the output range of the driver.

421874-XXX-10 DIMENSIONS - FOR INTERIOR USE



421873-XXX-10 DIMENSIONS



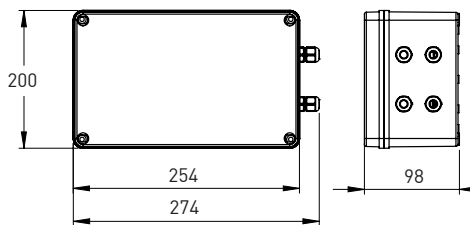
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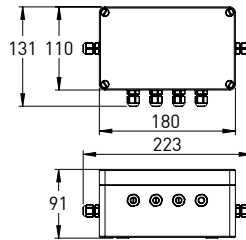
IP66

421874-XXX-20 DIMENSIONS



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421874-XXX-10 DIMENSIONS - FOR INTERIOR USE

