

# DMX Installation Sheet

Skydance: RGBW - PAR30 & PAR38

1 Channel White - PAR8, PAR16, PAR20, PAR30 & PAR38

Project Name:		Type:	
Catalog Number:		Date:	

## CAUTION!

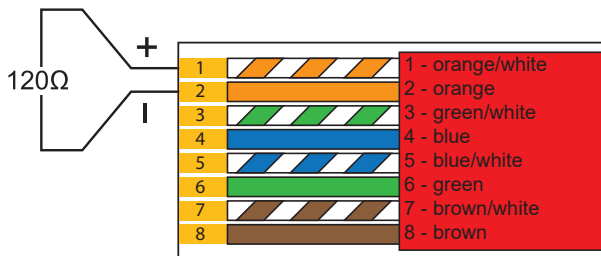
**WARRANTY WILL BE VOID IF INSTRUCTIONS BELOW ARE NOT FOLLOWED; READ AND FOLLOW ALL SAFETY AND INSTALLATION INSTRUCTIONS CAREFULLY**

- Before starting installation, disconnect power by turning off the circuit breaker or by removing the appropriate fuse at the fusebox. Turning the power off from just the light switch is not sufficient to prevent electric shock.
- Do not operate all four channels at 100%; it will cause thermal damage to the LEDs.
- Do not operate all four channels or any other channel combination to achieve WHITE.
- **To achieve white use ONLY channel 4.** \*See below for RGBW Default Channels.

## ATTENTION!

**A QUALIFIED DMX INTEGRATOR OR SPECIALIST MUST DO THE INSTALLATION OR THE WARRANTY WILL BE VOIDED.**

- Maximum mounting distance of RDM DMX remote driver to first fixture is 30' (18AWG) or 50'(12AWG).
- To readdress DMX channels use RDM controller.



\*RGBW Default Channels

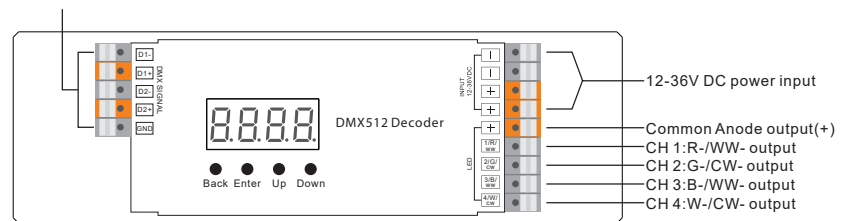
CHL	Color
1	Red
2	Green
3	Blue
4	White

DMX Terminator



Pin	Function
1 - orange/white	data 1+ (positive)
2 - orange	data 1- (negative)
3 - green/white	data 2+
4 - blue	Not assigned
5 - blue/white	Not assigned
6 - green	data 2-
7 - brown/white	Data link common for data 1 (ground)
8 - brown	Data link common for data 1 (ground)

2 groups DMX512 signal input & output



Up to 10-15 receivers can be daisy chained together if DMX signal wire is less than 100m in total, and 10-13 receivers if daisy chain is more than 100m in total. Please add RDM/DMX signal repeater/booster if the recommended distance is exceeded. RDM/DMX signal repeater/booster is needed every 10-13 receivers and 100m of total signal wires daisy chained. Clarté fixtures use two 8 position modular connectors (RJ45) configured with the standard DMX pinout which is as follows:

Termination is important and must be performed by a DMX specialist. To avoid signal reflection and other quality issues it is important that the last fixture in the DMX chain be terminated. There are terminators sold by third party providers. For more specific information regarding this issue please consult your DMX specialist.

— SAVE THESE INSTRUCTIONS —