LED Downlight 9W Module RGBW

Connection diagram

Orange/ White	DMX +
Orange	DMX –
Brown	GND

12 ~ 48VDC

Maximum Amount in a Chain

| 12 V	3 pcs
24 V	6 pcs
48 V	12 pcs
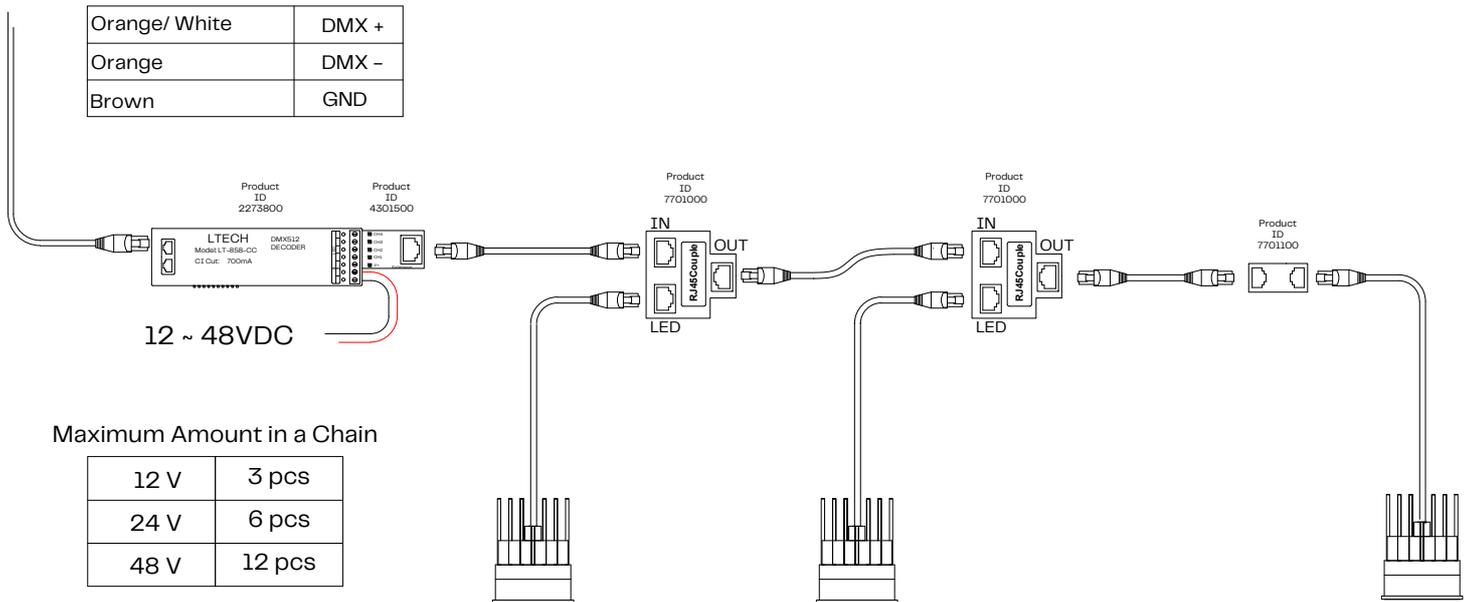
Note #1 : Ensure that the number of downlights does not surpass the maximum limit specified in the voltage table

Note #2 : Follow the above instructions to connect the splitter using the RJ45Couple marking to indicate the inputs and outputs. Ensure that the loop is closed by connecting the OUT to a downlight ,otherwise it will result in a non-functional system.

UTP Connector Internal Wiring
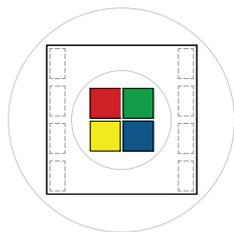
COLOR
D1: RED
D2: GREEN
D3: BLUE
D4: WHITE

RED NEGATIVE (–) 8
(UTP : White/Blue)

D1

D5

RED POSITIVE (+) 1 1
(UTP : Blue)

GREEN NEGATIVE (–) 2 7
(UTP : Green)

D2

D6

GREEN POSITIVE (+) 2 2
(UTP : White/Green)

BLUE NEGATIVE (–)3 6
(UTP : White/Brown)

D3

D7

BLUE POSITIVE (+) 3 3
(UTP : Orange)

WHITE NEGATIVE (–) 4 5
(UTP : Brown)

D4

D8

WHITE POSITIVE (+) 4 4
(UTP : White/Orange)

Wire Color Index
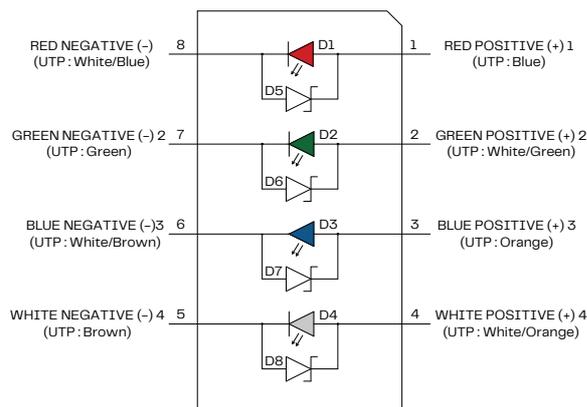
UTP Connector	Number	Functionality
White – Orange	1	Red +
Orange	2	Green +
White – Green	3	Blue +
Blue	4	White +
Brown	5	White –
White – Brown	6	Blue –
Green	7	Green –
White – Blue	8	Red –

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