



General

Length (mm)	65
Diameter (mm)	50
Cover	Transparent
Housing Color	Grey
Housing Material	Aluminum
Weight (g)	85

Electronics

Input Voltage	0 ~ 13.9 V DC (max)
LED nominal current at CC (mA)	700
Power Consumption (W)	9W @ 700mA
Power Supply	External
Luminous Efficacy	105 lm/W

Lighting

Optics (°)	24
LED Type	Cree SMD5050 XM-L 4in1
Color Range	RGBW
Color Temperature (Kelvin)	3000 K
Colour Rendering Index (CRI)	80
Luminous Flux	945 lm

Control

Control Units	Single pixel
Number of Channels	4

Environmental

Ingress Protection	IP54
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IP54 3^{year} warranty

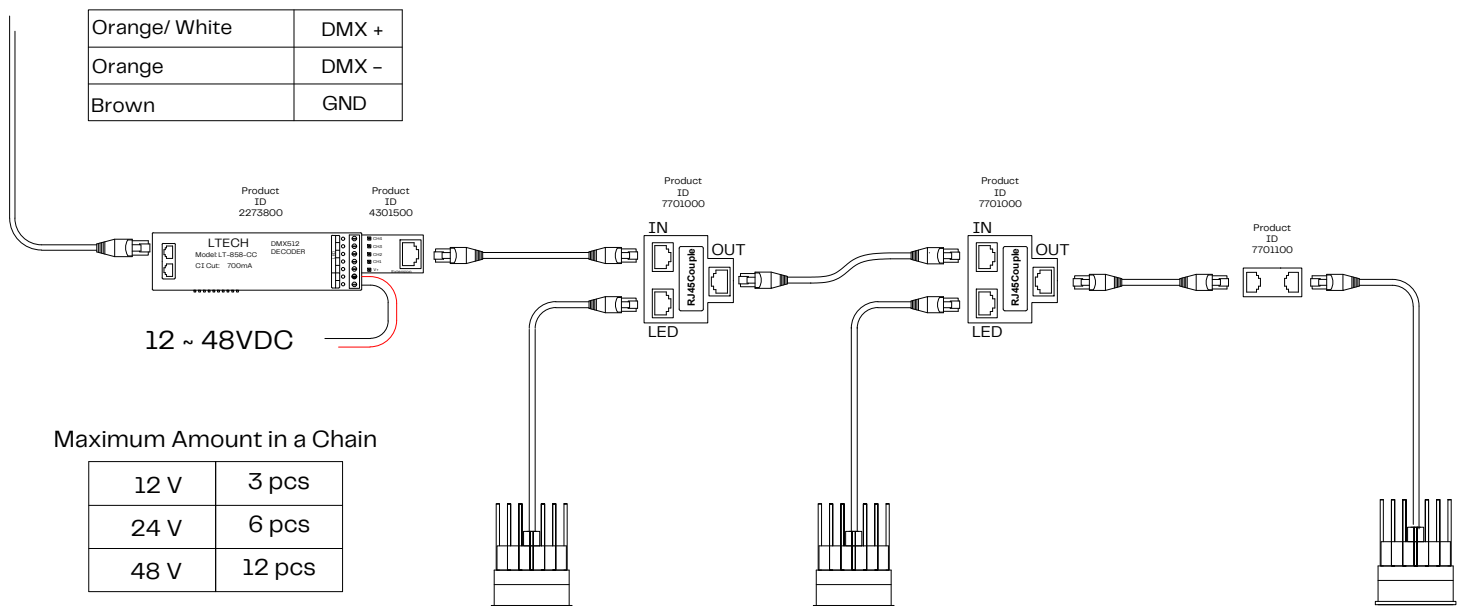
Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



LED Downlight 9W Module RGBW

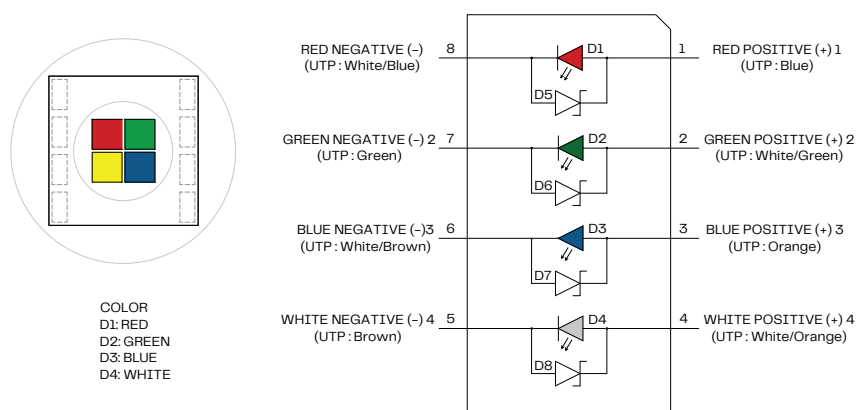
Connection diagram



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



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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