



General

Width (mm)	16.5
Height (mm)	16.5
Housing Material	PVC
Cutting Interval (mm)	100
Lowest Bending Radius (mm)	150
Length (mm)	1000
Weight (g)	430

Electronics

Input Voltage	24 V DC
Max. length double feed	10 m
Max. length single feed	5 m
Power Consumption (W/m)	18

Lighting

Emission	Direct
Optics (°)	120
LED Type	SMD5050
LED Quantity /m	70
LED Spacing (mm)	14.3
Pixels /m	10
Pixel Pitch	100 mm
TM-21 Projection	L70 @ 85°C (LM80), Calculated 32000,
Light Sharing	Symmetric
Color Range	RGBW
Luminous Flux	420 lm/m
Color Temperature (Kelvin)	3000 K

Control

Control	SPI
Control Units	Multi pixel
Number of Channels	40/m
Compatible ICs	UCS8904

Protection

Protection Class	III
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Environmental

Storage Temperature	-25 ~ +55 °C
Operating Temperature	0 ~ +55 °C
Impact Protection	IK08
Ingress Protection	IP67
UV Constant	yes
Safety Standards	EN60598-1:2015+A1:2018, EN 60598-2-20,
Enclosure	IEC 60529



IP67 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.

