

Datasheet

Digital LED Pixel String Black RGBW TM1814 (20 pieces, 24V, 3535, IP64)

LPSTRBLCK24VRGBW

Version: 2025-02-28.1

Technical specifications

General									
LEDs per pixel	6								
LED type	3535								
PCB color	Black								
Warranty	2 years								
LEDs per piece	6.00								
Lifetime	50000 hours								
Light reduction	0.00 %								
Lighting									
Color temperature warm white	2700 K								
CRI	≥ 85								
Luminous Flux	50 lm								
Wave length Red	620~630 nm								
Wave length Green	510~525 nm								
Wave length Blue	455~470 nm								
BIN	3SDCM								
Beam angle	180 °								
LB waarde	L80B50								
Electronics									
Working voltage	24V								
Current per piece	0.10 A / piece								
Power consumption per piece	2.50 W / piece								
Pinout	<table> <tr> <th>Symbol</th><th>Function</th></tr> <tr> <td>V+</td><td>V+</td></tr> <tr> <td>GND</td><td>Ground</td></tr> <tr> <td>D1</td><td>Data in</td></tr> </table>	Symbol	Function	V+	V+	GND	Ground	D1	Data in
Symbol	Function								
V+	V+								
GND	Ground								
D1	Data in								
Control									
Number of channels	4								
IC type	TM1814								
Environmental									
Operating temperature	-20 ~ +60 °C								
Storage temperature	-40 ~ +80 °C								
IP class	IP 64								
Directives - standards - certificates									
Directives	RoHS CE								

Safety standards	EN60598-1 EN62031 IEC62471
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