Datasheet

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

LPSTRBLCK24VRGBW

Version: 2025-02-28.1

LuxaLight B.V.
Hastelweg 260B
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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	

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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