

Datasheet

Digital LED Pixel String Black Cree LED RGB SPI SM16703 (24V, 3535, IP64)

LPSTRBLCK24VRGB

Version: 2025-02-28.1

Technical specifications

General

LEDs per pixel	7
LED type	3535
PCB color	Black
Warranty	2 years
LEDs per piece	7.00
Lifetime	50000 hours
Light reduction	0.00 %

Lighting

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	0.06 A / piece
Power consumption per piece	1.50 W / piece

Pinout

Symbol	Function
V+	V+
GND	Ground
D1	Data in

Control

Number of channels	3
IC type	SM16703

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

While LuxaLight has made every reasonable effort to ensure the accuracy of the information in this brochure, LuxaLight does not guarantee that it is error - free, nor does LuxaLight make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. LuxaLight reserves the right to make any adjustments to the information contained herein at any time without notice. LuxaLight expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalogue are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult LuxaLight for the latest dimensions and design specifications.