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Absolute Maximum Ratings

Rating	Symbol	Value	Units
Forward Current ⁽¹⁾	۱ _۴	200	mA
Component Surface Temperature	Ts	-40 to +100	°C
Storage Temperature	Tstg	-40 to +100	°C

Maximum Recommended Operating Conditions ⁽²⁾

Rating	Symbol	Value	Units
Forward Current ⁽³⁾	۱ _۴	150	mA
Component Surface Temperature	Ts	-40 to +95	°C

Electrical Characteristics

Unless otherwise noted I_F = 100 mA dc and Ta = 25°C

Characteristic	Symbol	Min	Тур	Мах	Units
Number of Strings	-	-	2	-	-
LED Forward Voltage	V _F	2.8	3.0	3.4	V
String voltage	V _S	30.8	33.0	37.4	V

Specifications subject to change without notice.

(1) Current is specified per string.

- (2) Operation above maximum recommended operating conditions will require additional thermal management actions and will decrease LED lifetime.
- (3) Strings are to be driven with a current source.



SFS4247F



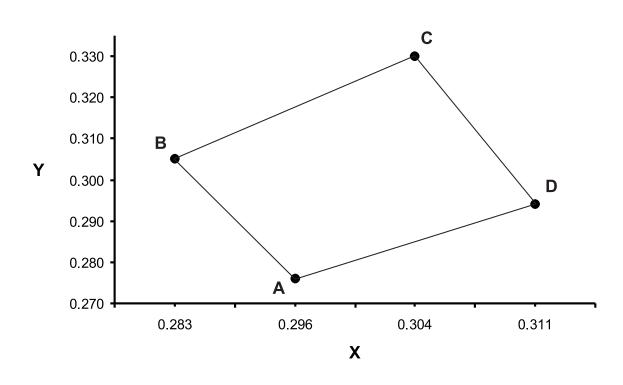
Backlight Chromaticity Coordinate Boundaries (1)

(Ta	=	25°C)
(ia	_	200)

	А	В	С	D
x	0.296	0.283	0.304	0.311
Y	0.276	0.305	0.330	0.294

(1) Each column (A, B, C and D) represents an X,Y coordinate on the CIE 1931 chromaticity diagram.

CIE 1931 CHROMATICITY DIAGRAM



Made in USA







J1 pins:

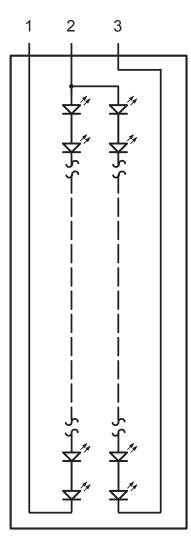


Figure 1 SFS Connectivity



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