



FEELIS USA, INC.

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LED Strips (Solid)

Normal LED

Description	Normal LED		5630 LED	
	Distance between LEDs	16.67mm		16.67mm
Length of PCB	500mm		500mm	500mm
Width of PCB	6.0mm		6.0mm	4.5mm
Total # of LEDs	30		30	30
Size of LED package	5050		5630	5630
Operating Voltage	12V or 24V		24V only	12V or 24V
Minimum cut length	50mm for 12V, 100mm for 24V		100mm	50mm for 12V 100mm for 24V
Color of LED	Warm White	White	Warm White	White
Luminous Intensity (Mcd)	Typ. 6,500	Typ. 7,500	Typ. 8,500	Typ. 7,500
Luminous Flux (Lm) / LED	~ 20	~ 20	20 ~ 22	20 ~ 22
Color Rendering Index (CRI)	75 ~ 80	75 ~ 80	75 ~ 80	75 ~ 80
Design current (%)	90	90	60	60
Color Temperature (K)	2,400, 2,700 3,200, 3,700 4,200, 4,700	5,300, 6,500 7,500, 9,000	3,000, 3,500 4,000, 5,000	5,300
Certification	UL Recognized (E341820), CE Approved			

Special LED

Description	Dynamic White	High Brightness		RGB LED (common +)
	Distance between LEDs	16.67mm	12.6mm	12.5mm
Length of PCB	5005mm	529mm	500mm	500mm
Width of PCB	6.0mm	6.0mm	6.0mm	6.0mm
Total # of LEDs	30	42	40	30
Size of LED package	3528	5050	5050	5050
Operating Voltage	12V or 24V	24V only	12V only	12V or 24V
Minimum cut length	50mm for 12V 100mm for 24V	88.2mm	50mm	50mm for 12V 100mm for 24V
Color of LED	Dynamic white	White	White	R. G. B
Luminous Intensity (Mcd)	Typ. 7,500	Typ. 7,500	Typ. 7,500	
Luminous Flux (Lm) / LED	~ 20	~ 20	~ 20	
Color Rendering Index (CRI)	75 ~ 80	75 ~ 80	75 ~ 80	
Design current (%)	95	90	90	90
Color Temperature (K)	2700 ~ 6,500	6,500	6,500	R. G. B.
Certification	UL Recognized (E341820), CE Approved			