

DIGITAL SERIES

High quality IC to ensure stable function
Digital strip with multiple chasing effects: 1LED, 3LEDs,
6 LEDs addressable
DMX /SPI protocol available



SPI - SINGLE PIXEL ADDRESSABLE



DN-N5050-XXX-XX-RGB



Color Available
RGB

IP Rating	IP22(N)	IP54(WP)	IP65(WS)	IP67(WT)	IP67(WHE)	IP68(WE)	IP68(WTS/WTU)	DC 5V	3 yrs warranty
Graphical									
PCB Width(mm)	10	10	10	10	10	10	10		

Optical & Electrical Parameters

Model No.	Voltage(V DC)	Light Color	CCT/Color Available(K/nm)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DN-N5050-30-5-RGB	5	R	615-630	/	33	15	2.2
		G	515-530		79	36	2.2
		B	460-470		17	8	2.2
		RGB	/		122	23	5.4
DN-N5050-60-5-RGB	5	R	615-630	/	64	17	3.8
		G	515-530		150	41	3.8
		B	460-470		32	9	3.8
		RGB	/		230	23	10.8

Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DN-N5050-30-5-RGB	30	4.0[157.48]	33.3[1.31]	5000X10[196.85X0.39]
DN-N5050-60-5-RGB	60	2.5[98.42]	16.7[0.66]	

Profile Drawings

Length Unit : mm/inch



Digital Controller

Aluminum Profile



SPI - SINGLE PIXEL ADDRESSABLE



DN-5050J1-60-12-RGB



Color Available
RGB

IP Rating	IP22(N)	IP54(WP)	IP65(WS)	IP67(WT)	IP67(WHE)	IP68(WE)	IP68(WTS/WTU)	DC 12V	3 yrs warranty
Graphical									
PCB Width(mm)	10	10	10	10	10	10	10		

Optical & Electrical Parameters

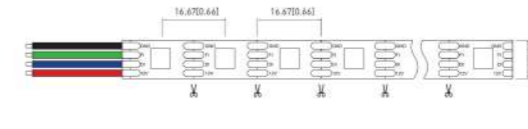
Model No.	Voltage(V DC)	Light Color	CCT/Color Available(K/nm)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DN-5050J1-60-12-RGB	12	R	615-630	/	42	4.8	8.64
		G	515-530		111	12.8	
		B	460-470		37	4.3	
		RGB	/		185	21.5	

Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DN-5050J1-60-12-RGB	60	4.0[157.48]	16.67[0.66]	5000X10[196.85X0.39]

Profile Drawings

Length Unit : mm/inch



Digital Controller

Aluminum Profile





DN-5050A-48-12/24-RGB



Color Available
RGB

IP Rating: IP22(N), IP64(WP), IP65(W5), IP67(WT), IP67(WHE), IP68(WE), IP68(WTS-WTU). Graphical icons for each rating. PCB Width(mm): 10. **DC 12/24V** **3 yrs warranty**

Optical & Electrical Parameters

Model No.	Voltage(V DC)	Light Color	CCT/Color Available(K/nm)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DN-5050A-48-12/24-RGB	12/24	R	615-630	/	38	11.5	3.26
		G	515-530		80	24.5	3.26
		B	460-470		18	5.5	3.26
		RGB	/		196	20	9.79

Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DN-5050A-48-12/24-RGB	48	3.0[118.11]	62.5[2.46]	5000X10[196.85X0.39]
		5.0[196.85]	125.0[0.42]	

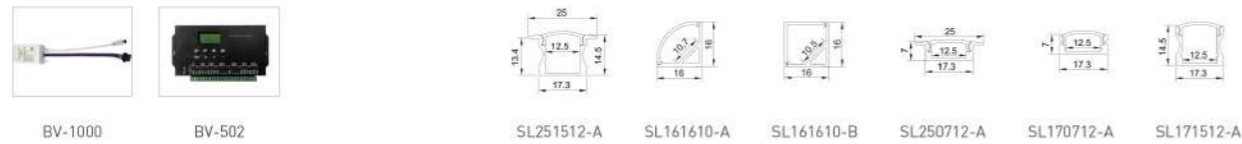
Profile Drawings

Length Unit : mm/inch



Digital Controller

Aluminum Profile



DN-F5050A-60-12/24-RGBW



Color Available
RGBW

IP Rating: IP22(N), IP64(WP), IP65(W5), IP67(WT), IP67(WHE), IP68(WE), IP68(WTS-WTU). Graphical icons for each rating. PCB Width(mm): 14. **DC 12/24V** **3 yrs warranty**

Optical & Electrical Parameters

Model No.	Voltage(V DC)	Light Color	CCT/Color Available(K/nm)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DN-F5050A-60-12/24-RGBW	12/24	R	620-625	/	108	15	7.2
		G	515-530		338	47	7.2
		B	460-470		69	9.5	7.2
		W	2700		783	68	11.5
		RGBW	/		1200	24	28.8

Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DN-F5050A-60-12-RGBW	60	2.5[98.42]	50.0[2.46]	5000X14[196.85X0.55]
DN-F5050A-60-24-RGBW		4.5[177.17]	100.0[2.46]	

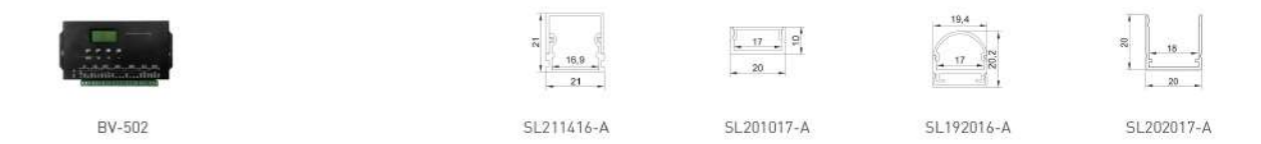
Profile Drawings

Length Unit : mm/inch



Digital Controller

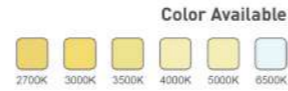
Aluminum Profile



DMX DIGITAL SERIES



DMXN-5050A-XX-XX



IP Rating	IP22(N)	IP64(WP)	IP65(W5)	IP67(WT)	IP67(WHE)	IP68(WE)	IP68(WTS-WTU)	DC 12/24V	3 yrs warranty
Graphical									
PCB Width(mm)	10 12	10 12	10 12	10 12	10 12	10 12	10 12		

Optical & Electrical Parameters

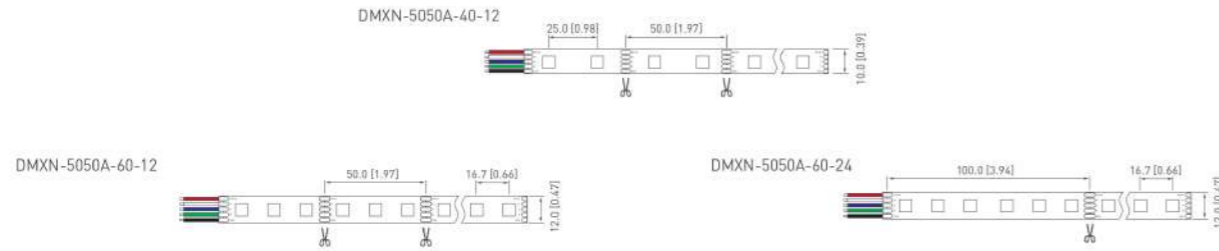
Model No.	Voltage(V DC)	Light Color	CCT(K)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DMXN-5050A-40-12	12	W	4000	80+	760	72	10.56
DMXN-5050A-60-12	12				1321	86	15.36
DMXN-5050A-60-24	24				1337	87	15.36

Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DMXN-5050A-40-12	40	2.0[78.74]	50.0[1.97]	5000X12[196.85X0.47]
DMXN-5050A-60-12	60	2.5[98.42]	50.0[1.31]	
DMXN-5050A-60-24	60	3.5[137.80]	100.0[1.31]	

Profile Drawings

Length Unit : mm/inch

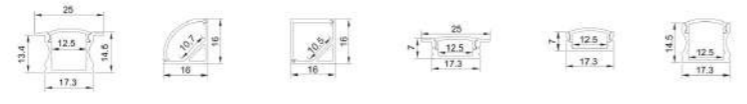


Digital Controller

Aluminum Profile



BV-512



SL251512-A SL161610-A SL161610-B SL250712-A SL170712-A SL171512-A

DMX DIGITAL SERIES-RGB



DMXN-5050-XX-XX-RGB



IP Rating	IP22(N)	IP64(WP)	IP65(W5)	IP67(WT)	IP68(WHE)	IP68(WE)	IP68(WTS-WTU)	DC 12/24V	3 yrs warranty
Graphical									
PCB Width(mm)	12	12	12	12	12	12	12		

Optical & Electrical Parameters

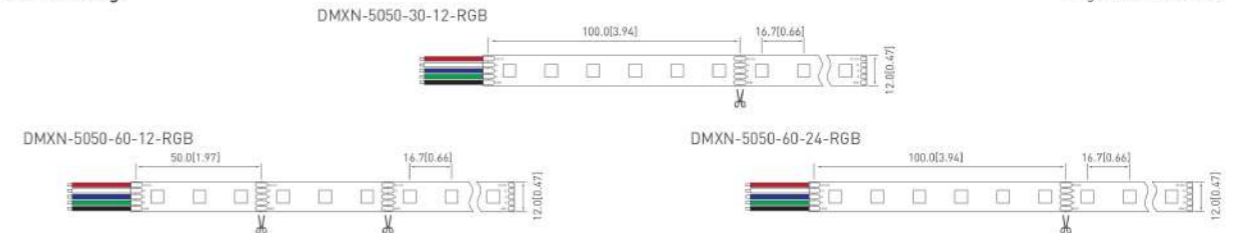
Model No.	Voltage(V DC)	Light Color	CCT/Color Available(K/nm)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DMXN-5050-30-12-RGB	12	R	615-630	/	52	15.5	3.36
		G	515-530		76	22.5	3.36
		B	460-470		20	5.8	3.36
		RGB	/		153	19.9	7.68
DMXN-5050-60-12/24-RGB	12/24	R	615-630	/	104	15.5	3.36
		G	515-530		152	22.5	3.36
		B	460-470		39	5.8	3.36
		RGB	/		306	19.9	7.68

Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DMXN-5050-30-12-RGB	30	4.0[157.48]	100.0[3.93]	5000X12[196.85X0.47]
DMXN-5050-60-12-RGB	60	2.5[98.42]	50.0[1.96]	
DMXN-5050-60-24-RGB	60	3.5[137.79]	100.0[3.93]	

Profile Drawings

Length Unit : mm/inch

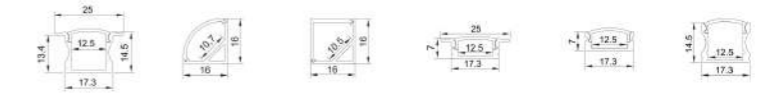


Digital Controller

Aluminum Profile



BV-512



SL251512-A SL161610-A SL161610-B SL250712-A SL170712-A SL171512-A



DMXN-F5050-XX-XX-RGBW



DC 12/24V **3 yrs warranty**

IP Rating	IP22(N)	IP64(WP)	IP65(W5)	IP67(WT)	IP67(WHE)	IP68(WE)	IP68(WTS-WTU)
Graphical							
PCB Width(mm)	12	12	12	12	12	12	12

Optical & Electrical Parameters

Model No.	Voltage (V DC)	Light Color	CCT/Color Available (K/nm)	Ra	Luminous Flux(lm/m)	Efficacy(lm/W)	Power(W/m)
DMXN-F5050-30-12-RGBW	12	R	615-630	/	52	15.5	3.36
		G	515-530	/	119	35.5	3.36
		B	460-470	/	29	8.6	3.36
		W	2700-6500	80+	134-202	40-60	3.36
		RGBW	100000	/	295-443	30-45	9.84
DMXN-F5050-60-12/24-RGBW	12/24	R	615-630	/	105	15.5	6.72
		G	515-530	/	238	35.5	6.72
		B	460-470	/	58	8.6	6.72
		W	2700-6500	80+	269-403	40-60	6.72
		RGBW	100000	/	590-885	30-45	19.68

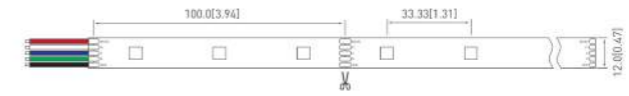
Other Parameters

Model No.	LED QTY(pcs/m)	Max Run(m/inch)	Min Cuttable Length(mm/inch)	Standard Packing Size/Reel L*W(mm/inch)
DMXN-F5050-30-12-RGBW	30	3.5[137.79]	100.0[3.94]	5000X10 [196.85X0.39]
DMXN-F5050-60-12-RGBW	60	2.0[78.74]	50.0[1.97]	5000X12 [196.85X0.47]
DMXN-F5050-60-24-RGBW	60	3.0[118.11]	100.0[3.94]	

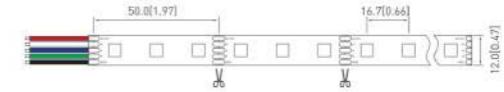
Profile Drawings

Length Unit : mm/inch

DMXN-F5050-30-12-RGBW



DMXN-F5050-60-12-RGBW



DMXN-F5050-60-24-RGBW



Digital Controller



BV-512

Wire



20awg UL2464 wire

Aluminum Profile



SL250712-A



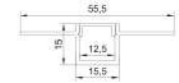
SL170712-A



SL201017-A



SL202017-A



SL561512-A



SL230815-A

Note: Only limited profile models illustrated, please check our profile catalog for more information.