

# ZENIT® W600 D SMD

OUTDOOR SMD LED WASH LIGHT  
AND STROBE - DAYLIGHT VERSION  
DMX CONTROL TABLE



1CH	2CH	3CH	Function	Values			
1	1	1	Dimmer	000	-	255	0% to 100%
-	2	2	Multifunctional Strobe	000	-	005	Strobe open
				006	-	010	Strobe closed
				011	-	033	Pulse Random, slow -> fast
				034	-	056	Ramp up Random, slow -> fast
				057	-	079	Ramp down Random, slow -> fast
				080	-	102	Random Strobe Effect, slow -> fast
				103	-	127	Strobe Break Effekt, 5s.....1s (short burst with break)
				128	-	250	Strobe slow -> fast <1Hz - 20Hz
				251	-	255	Strobe open
	-	3	Duration	000	-	255	Flash duration (0ms to 510ms)

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4CH	6CH 16bit dim	Function	Values			
1	1	Dimmer	000	-	v	0% to 100%
-	2	Dimmer fine	000	-	255	0% to 100%
2	3	Multifunctional Strobe	000	-	005	Strobe open
			006	-	010	Strobe closed
			011	-	033	Pulse Random, slow -> fast
			034	-	056	Ramp up Random, slow -> fast
			057	-	079	Ramp down Random, slow -> fast
			080	-	102	Random Strobe Effect, slow -> fast
			103	-	127	Strobe Break Effekt, 5s.....1s (short burst with break)
			128	-	250	Strobe slow -> fast <1Hz - 20Hz
-	4	Duration	000	-	255	Flash duration (0ms to 510ms)
3	5	Dimmer Curve	000		005	no function
			006	-	063	Linear Dimmer Curve
			064	-	127	Exponential Dimmer Curve
			128	-	191	Logarithmic Dimmer Curve
			192	-	255	S-Curve Dimmer Curve

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4	6	Device Settings (please read remark 1*)	000	-	057	no function
			058	-	059	Pixel Mirroring Off (hold 3s)
			060	-	061	Pixel Mirroring Vertical (hold 3s)
			062	-	063	Pixel Mirroring Horizontal (hold 3s)
			064	-	065	Pixel Mirroring Vertical + Horizontal (hold 3s)
			066	-	077	no function
			078	-	079	Dimmer Response LED (hold 1,5s)
			080	-	081	Dimmer Response Halogen (hold 1,5s)
			082	-	085	No function
			086	-	087	Power Mode - Normal
			088	-	089	No function
			090	-	091	Power Mode - Boost
			092	-	097	No function
			098	-	099	Silent Fan (Hold 3s)
			100	-	100	Auto Fan (Hold 3s)
			101	-	101	Fan Off (Hold 1,5s)
			102	-	119	No function
			120	-	121	LED Frequency 800Hz (hold 3s)
			122	-	123	LED Frequency 1200Hz (hold 3s)
			124	-	125	LED Frequency 2000Hz (hold 3s)
			126	-	127	LED Frequency 3600Hz (hold 3s)
			128	-	129	LED Frequency 12kHz (hold 3s)
			130	-	131	LED Frequency 25kHz (hold 3s)
			132	-	133	No function
			134	-	135	Display on (hold 3s)
			136	-	137	Display off (hold 3s)
			144	-	255	No function

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12CH (12 Seg- ments) Pixel Control	48CH (48 Seg- ments) Pixel Control 8bit	Function	Values			
-	-	Dimmer	000	-	255	0% to 100%
		Dimmer fine	000	-	255	0% to 100%
		Multifunctional Strobe	000	-	005	Strobe open
			006	-	010	Strobe closed
			011	-	033	Pulse Random, slow -> fast
			034	-	056	Ramp up Random, slow -> fast
			057	-	079	Ramp down Random, slow -> fast
			080	-	102	Random Strobe Effect, slow -> fast
			103	-	127	Strobe Break Effekt, 5s.....1s (short burst with break)
			128	-	250	Strobe slow -> fast <1Hz - 20Hz
			251	-	255	Strobe open
		Duration	000	-	255	Flash duration (0ms to 510ms)
1	1	Pixel 1	000	-	255	0% to 100%
2	2	Pixel 2	000	-	255	0% to 100%
3	3	Pixel 3	000	-	255	0% to 100%
.....	.....	.....	.....	-	.....	Pixel 4 to 11 / 47
12	48	Pixel 12 / 48	000	-	255	0% to 100%

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DMX CONTROL TABLE



15CH Full Pattern 16 Bit dim	63CH Full Access Pixel Control & Pattern	Function	Values			Sub Group	
1	1	Dimmer	000	-	255	0% to 100%	Dimmer
2	2	Dimmer fine	000	-	255	0% to 100%	
3	3	Multifunctional Strobe	000	-	005	Strobe open	Strobe
			006	-	010	Strobe closed	
			011	-	033	Pulse Random, slow -> fast	
			034	-	056	Ramp up Random, slow -> fast	
			057	-	079	Ramp down Random, slow -> fast	
			080	-	102	Random Strobe Effect, slow -> fast	
			103	-	127	Strobe Break Effekt, 5s.....1s (short burst with break)	
			128	-	250	Strobe slow -> fast <1Hz - 20Hz	
251	-	255	Strobe open				
4	4	Duration	000	-	255	Flash duration (0ms to 510ms)	
-	5	Pixel 1	000	-	255	0% to 100%	Pixel
	6	Pixel 2	000	-	255	0% to 100%	
	7	Pixel 3	000	-	255	0% to 100%	
	.....	.....	.....	-	.....	Pixel 4 to 47	
	52	Pixel 48	000	-	255	0% to 100%	

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5	53	Pattern	000	-	005	Pattern off	All Background functions are enabled with enabled Pattern
			006	-	255	6-98 dynamic / 128-234 static	
6	54	Speed Dynamic Pattern	000	-	005	Effect Pattern Stop	
			006	-	126	Effect Pattern Speed, fast > slow, forward	
			127	-	127	Stop	
			128	-	255	Effect Pattern Speed, slow > fast, backward	
7	55	Step or Fade Dynamic Pattern	000	-	005	off	
			006	-	255	Fade Effect Pattern 1% - 100%	
8	56	Pattern Transition Time	000	-	005	0s	
			006	-	105	0,1s - 10s (0,1s Steps)	
			106	-	214	11s - 119s (1s Steps)	
			215	-	244	2m - 4m50s (10s Steps)	
			245	-	255	5m - 15m (1m Steps)	
9	57	Stop Dynamic Pattern	000	-	005	Stop dynamic Pattern off	
			006	-	255	Stop dynamic Pattern after x Steps	
10	58	Background Dimmer	000	-	255	0-100%	
11	59	Background Dimmer fine	000	-	255	0-100%	
12	60	Background Multifunctional Strobe	000	-	005	Strobe open	
			006	-	010	Strobe closed	
			011	-	033	Pulse Random, slow -> fast	
			034	-	056	Ramp up Random, slow -> fast	
			057	-	079	Ramp down Random, slow -> fast	
			080	-	102	Random Strobe Effect, slow -> fast	
			103	-	127	Strobe Break Effekt, 5s.....1s (short burst with break)	
			128	-	250	Strobe slow -> fast <1Hz - 20Hz	
			251	-	255	Strobe open	
13	61	Background Duration	000	-	255	Flash duration (0ms to 510ms)	

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14	62	Dimmer Curve	000	005	no function	Dimmer Curve
			006	- 063	Linear Dimmer Curve	
			064	- 127	Exponential Dimmer Curve	
			128	- 191	Logarithmic Dimmer Curve	
			192	- 255	S-Curve Dimmer Curve	
15	63	Device Settings (please read remark 1*)	000	- 057	no function	Control
			058	- 059	Pixel Mirroring Off (hold 3s)	
			060	- 061	Pixel Mirroring Vertical (hold 3s)	
			062	- 063	Pixel Mirroring Horizontal (hold 3s)	
			064	- 065	Pixel Mirroring Vertical + Horizontal (hold 3s)	
			066	- 077	no function	
			078	- 079	Dimmer Response LED (hold 1,5s)	
			080	- 081	Dimmer Response Halo-gen (hold 1,5s)	
			082	- 085	No function	
			086	- 087	Power Mode - Normal	
			088	- 089	No function	
			090	- 091	Power Mode - Boost	
			092	- 097	No function	
			098	- 099	Silent Fan (Hold 3s)	
			100	- 100	Auto Fan (Hold 3s)	
			101	- 101	Fan Off (Hold 1,5s)	
			102	- 119	No function	
			120	- 121	LED Frequency 800Hz (hold 3s)	
			122	- 123	LED Frequency 1200Hz (hold 3s)	
			124	- 125	LED Frequency 2000Hz (hold 3s)	
			126	- 127	LED Frequency 3600Hz (hold 3s)	
			128	- 129	LED Frequency 12kHz (hold 3s)	
			130	- 131	LED Frequency 25kHz (hold 3s)	
			132	- 133	No function	
			134	- 135	Display on (hold 3s)	
			136	- 137	Display off (hold 3s)	
			144	- 255	No function	

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DMX CONTROL TABLE



18CH (12 Segments) Pixel Control & Master Dim	54CH (48 Segments) Pixel Control & Master Dim	Function	Values			
1	1	Dimmer	000	-	255	0% to 100%
2	2	Dimmer fine	000	-	255	0% to 100%
3	3	Multifunctional Strobe	000	-	005	Strobe open
			006	-	010	Strobe closed
			011	-	033	Pulse Random, slow -> fast
			034	-	056	Ramp up Random, slow -> fast
			057	-	079	Ramp down Random, slow -> fast
			080	-	102	Random Strobe Effect, slow -> fast
			103	-	127	Strobe Break Effekt, 5s.....1s (short burst with break)
			128	-	250	Strobe slow -> fast <1Hz - 20Hz
			251	-	255	Strobe open
4	4	Duration	000	-	255	Flash duration (0ms to 510ms)
5	5	Pixel 1	000	-	255	0% to 100%
6	6	Pixel 2	000	-	255	0% to 100%
7	7	Pixel 3	000	-	255	0% to 100%
.....	.....	.....	.....	-	.....	Pixel 4 to 11 / 47
16	52	Pixel 12 / 48	000	-	255	0% to 100%
17	53	Dimmer Curve	000		005	no function
			006	-	063	Linear Dimmer Curve
			064	-	127	Exponential Dimmer Curve
			128	-	191	Logarithmic Dimmer Curve
			192	-	255	S-Curve Dimmer Curve



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DMX CONTROL TABLE



18	54	Device Settings (please read remark 1*)	000	-	057	no function
			058	-	059	Pixel Mirroring Off (hold 3s)
			060	-	061	Pixel Mirroring Vertical (hold 3s)
			062	-	063	Pixel Mirroring Horizontal (hold 3s)
			064	-	065	Pixel Mirroring Vertical + Horizontal (hold 3s)
			066	-	077	no function
			078	-	079	Dimmer Response LED (hold 1,5s)
			080	-	081	Dimmer Response Halogen (hold 1,5s)
			082	-	085	No function
			086	-	087	Power Mode - Normal
			088	-	089	No function
			090	-	091	Power Mode - Boost
			092	-	097	No function
			098	-	099	Silent Fan (Hold 3s)
			100	-	100	Auto Fan (Hold 3s)
			101	-	101	Fan Off (Hold 1,5s)
			102	-	119	No function
			120	-	121	LED Frequency 800Hz (hold 3s)
			122	-	123	LED Frequency 1200Hz (hold 3s)
			124	-	125	LED Frequency 2000Hz (hold 3s)
			126	-	127	LED Frequency 3600Hz (hold 3s)
			128	-	129	LED Frequency 12kHz (hold 3s)
			130	-	131	LED Frequency 25kHz (hold 3s)
			132	-	133	No function
			134	-	135	Display on (hold 3s)
			136	-	137	Display off (hold 3s)
			144	-	255	No function

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**EN:** (1\*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

**DE:** (1\*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endless Funktionsaufruf zu vermeiden.

**FR:** (1\*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.

**ES:** (1\*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.

**PL:** (1\*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.

**IT:** (1\*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.

## PIXEL SEGMENTS / PIXEL SEGMENTE

### 48 Pixel Segments

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

### 12 Pixel Segments

1	2	3	4	5	6
7	8	9	10	11	12