

**NANLITE**

*Forza 300B*  
DMX REFERENCE GUIDE

# CATALOG

<b>CCT 8bit</b> .....	<b>01</b>
<b>ULTIMATE DMX 8bit - CCT MODE</b> .....	<b>01</b>
<b>ULTIMATE DMX 8bit - EFFECT MODE</b> .....	<b>02</b>
<b>DMX EFFECT CHART</b>	
CCT LOOP .....	04
INT LOOP .....	05
FLASH .....	06
PULSE .....	07

STORM .....	08
TV .....	09
PAPARAZZI .....	10
CANDLE/FIRE .....	11
BAD BULB .....	12
FIREWORK .....	13
EXPLOSION .....	14
WELDING .....	15

CCT 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	<b>DIMMER</b> 0% to 100%	
2	0-255	0-100	CCT	2700K - 6500K
3	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

ULTIMATE DMX 8bit - CCT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	<b>DIMMER</b> 0% to 100%	
2	0-63 64-127 128-255	0-25 26-50 51-100	<b>MODE</b> CCT EFFECT RESERVED	0 ≤ value ≤ 63
3	0-255	0-100	CCT	2700K - 6500K
4-10			N/A	
11	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	<b>DIMMER</b> 0% to 100%	
2	0-63 64-127 128-255	0-25 26-50 51-100	<b>MODE</b> CCT EFFECT RESERVED	64 ≤ value ≤ 127
3	0-18 19-36 37-54 55-72 73-91 92-109 110-127 128-145 146-163 164-182 183-200 201-218 219-255	0-7 8-14 15-21 22-28 29-35 36-42 43-50 51-57 58-64 65-71 72-78 79-85 86-100	<b>EFFECT MODE</b> CCT LOOP INT LOOP FLASH PULSE STORM TV PAPARAZZI CANDLE/FIRE BAD BULB FIREWORK EXPLOSION WELDING RESERVED	



ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
4	0-255	0-100	DMX EFFECTS PARAMETER #1	See DMX Effects chart
5	0-255	0-100	DMX EFFECTS PARAMETER #2	See DMX Effects chart
6	0-255	0-100	DMX EFFECTS PARAMETER #3	See DMX Effects chart
7	0-255	0-100	DMX EFFECTS PARAMETER #4	See DMX Effects chart
8	0-255	0-100	DMX EFFECTS PARAMETER #5	See DMX Effects chart
9	0-255	0-100	DMX EFFECTS PARAMETER #6	See DMX Effects chart
10	0-255	0-100	DMX EFFECTS PARAMETER #7	See DMX Effects chart
11	0-127 128-255	0-50 51-100	FAN ON FAN OFF	

## DMX EFFECT CHART

EFFECT	<b>CCT LOOP</b> 0 ≤ value ≤ 18			
<b>CH4/PARAMETER #1</b>	CCT HIGH			
<b>CH5/PARAMETER #2</b>	CCT LOW			
<b>CH6/PARAMETER #3</b>	SPEED			
<b>CH7/PARAMETER #4</b>	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
<b>CH8/PARAMETER #5</b>	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127 (26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255 (76%-100%)
<b>CH9/PARAMETER #6</b>	N/A	INTERVALS	SPEED	PULSES/MIN
<b>CH10/PARAMETER #7</b>	N/A	FLASH RATIO	N/A	N/A

## DMX EFFECT CHART

EFFECT	<b>INT LOOP</b> 19 ≤ value ≤ 36			
<b>CH4/PARAMETER #1</b>	DIM LOW			
<b>CH5/PARAMETER #2</b>	CCT			
<b>CH6/PARAMETER #3</b>	SPEED			
<b>CH7/PARAMETER #4</b>	CYCLE: ONE WAY = 0-85(0%-33%) CYCLE: TWO WAY = 86-170(34%-66%) CYCLE: REVERSE = 171-255(67%-100%)			
<b>CH8/PARAMETER #5</b>	ADD-ON: OFF = 0-63(0%-25%)	ADD-ON: FLASH = 64-127 (26%-50%)	ADD-ON: RANDOM FLASH = 128-191(51%-75%)	ADD-ON: PULSE = 192-255 (76%-100%)
<b>CH9/PARAMETER #6</b>	N/A	INTERVALS	SPEED	PULSES/MIN
<b>CH10/PARAMETER #7</b>	N/A	FLASH RATIO	N/A	N/A

## DMX EFFECT CHART

EFFECT	<b>FLASH</b> 37 ≤ value ≤ 54	
<b>CH4/PARAMETER #1</b>	CCT	
<b>CH5/PARAMETER #2</b>	INTERVALS	
<b>CH6/PARAMETER #3</b>	FLASH RATIO	
<b>CH7/PARAMETER #4</b>	PAUSE: OFF = 0-127(0%-50%)	PAUSE: ON = 128-255(51%-100%)
<b>CH8/PARAMETER #5</b>	N/A	
<b>CH9/PARAMETER #6</b>	N/A	
<b>CH10/PARAMETER #7</b>	N/A	

## DMX EFFECT CHART

EFFECT	PULSE 55 ≤ value ≤ 72
CH4/PARAMETER #1	CCT
CH5/PARAMETER #2	PULSES/MIN
CH6/PARAMETER #3	N/A
CH7/PARAMETER #4	N/A
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A

## DMX EFFECT CHART

EFFECT	<b>STORM</b> 73 ≤ value ≤ 91	
<b>CH4/PARAMETER #1</b>	CCT	
<b>CH5/PARAMETER #2</b>	FLASH TIMES HIGH	
<b>CH6/PARAMETER #3</b>	FLASH TIMES LOW	
<b>CH7/PARAMETER #4</b>	TRIGGER: AUTO = 0-127(0%-50%)	TRIGGER: MANUAL = 128-255(51%-100%)
<b>CH8/PARAMETER #5</b>	INTERVAL HIGH	Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%)
<b>CH9/PARAMETER #6</b>	INTERVAL LOW	N/A
<b>CH10/PARAMETER #7</b>	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)	N/A

## DMX EFFECT CHART

EFFECT	TV 92 ≤ value ≤ 109
CH4/PARAMETER #1	DIM LOW
CH5/PARAMETER #2	CCT
CH6/PARAMETER #3	CCT SHIFT
CH7/PARAMETER #4	SPEED
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A

## DMX EFFECT CHART

EFFECT	PAPARAZZI 110 ≤ value ≤ 127
CH4/PARAMETER #1	CCT
CH5/PARAMETER #2	SPEED
CH6/PARAMETER #3	N/A
CH7/PARAMETER #4	N/A
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A



## DMX EFFECT CHART

EFFECT	CANDLE/FIRE 128 ≤ value ≤ 145
CH4/PARAMETER #1	DIM LOW
CH5/PARAMETER #2	CCT
CH6/PARAMETER #3	CCT SHIFT
CH7/PARAMETER #4	SPEED
CH8/PARAMETER #5	FLICKER: OFF = 0-127(0%-50%) FLICKER: ON = 128-255(51%-100%)
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A

## DMX EFFECT CHART

EFFECT	BAD BULB 146 ≤ value ≤ 163
CH4/PARAMETER #1	CCT
CH5/PARAMETER #2	INTENSITY
CH6/PARAMETER #3	SPEED
CH7/PARAMETER #4	N/A
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A

## DMX EFFECT CHART

EFFECT	<b>FIREWORK</b> 164 ≤ value ≤ 182
CH4/PARAMETER #1	CCT
CH5/PARAMETER #2	CCT SHIFT
CH6/PARAMETER #3	SPEED
CH7/PARAMETER #4	DECAY
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A

## DMX EFFECT CHART

EFFECT	<b>EXPLOSION</b> 183 ≤ value ≤ 200	
CH4/PARAMETER #1	CCT	
CH5/PARAMETER #2	DECAY	
CH6/PARAMETER #3	TRIGGER: AUTO = 0-127(0%-50%)	TRIGGER: MANUAL = 128-255(51%-100%)
CH7/PARAMETER #4	SPEED	Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%)
CH8/PARAMETER #5	N/A	
CH9/PARAMETER #6	N/A	
CH10/PARAMETER #7	N/A	

## DMX EFFECT CHART

EFFECT	<b>WELDING</b> 201 ≤ value ≤ 218
CH4/PARAMETER #1	DIM LOW
CH5/PARAMETER #2	CCT
CH6/PARAMETER #3	SPEED
CH7/PARAMETER #4	PAUSE: OFF = 0-127[0%-50%] PAUSE: ON = 128-255[51%-100%]
CH8/PARAMETER #5	N/A
CH9/PARAMETER #6	N/A
CH10/PARAMETER #7	N/A

Version:V1 2020-11-14

# NANLITE

 +86-754-85751187

 +86-754-85300887

 [service@nanlite.com](mailto:service@nanlite.com)

 Zhanglin,324,Dongli Chenghai Shantou Guangdong China

[www.nanlite.com](http://www.nanlite.com)