

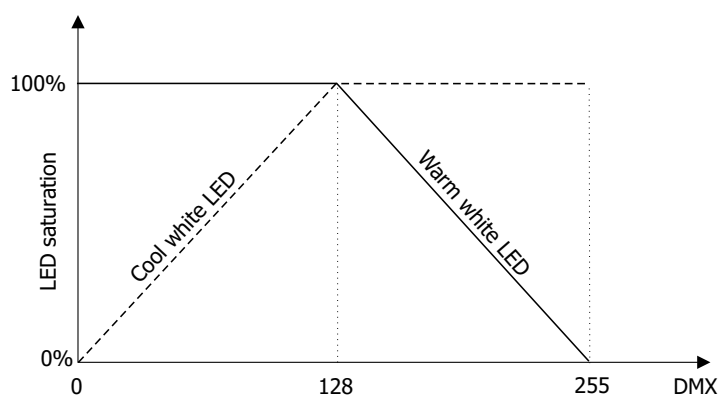
## ArcPower SmartWhite 144 - DMX protocol

**Version 2.0 (software version 5.0 and higher)**

Mode/Channel						Value	Function	Type of control
1	2	3	4	5	6			
ZONE 1								
1	-	-	1	1	1	0-255	Warm white LED 1 LED saturation control (0-100%)	proportional
2	-	-	2	2	2	0-255	Cool white LED 1 LED saturation control (0-100%)	proportional
-	-	-	-	-	3	0-255	DIMMER 1 Dimmer intensity from 0% to 100%	proportional
-	-	1	-	-	-	0-127 0-127 128-255 128-255	Ratio control 1 * 100% Warm white LED saturation Cool white LED saturation 0%-->100% 100% Cool white LED saturation Warm white LED saturation 100%-->0%	step proportional step proportional
ZONE 2								
3	-	-	3	1	4	0-255	Warm white LED 2 LED saturation control (0-100%)	proportional
4	-	-	4	2	5	0-255	Cool white LED 2 LED saturation control (0-100%)	proportional
-	-	-	-	-	6	0-255	DIMMER 2 Dimmer intensity from 0% to 100%	proportional
-	-	2	-	-	-	0-127 0-127 128-255 128-255	Ratio control 2 * 100% Warm white LED saturation Cool white LED saturation 0%-->100% 100% Cool white LED saturation Warm white LED saturation 100%-->0%	step proportional step proportional
ZONE 3								
5	-	-	5	1	7	0-255	Warm white LED 3 LED saturation control (0-100%)	proportional
6	-	-	6	2	8	0-255	Cool white LED 3 LED saturation control (0-100%)	proportional
-	-	-	-	-	9	0-255	DIMMER 3 Dimmer intensity from 0% to 100%	proportional
-	-	3	-	-	-	0-127 0-127 128-255 128-255	Ratio control 3 * 100% Warm white LED saturation Cool white LED saturation 0%-->100% 100% Cool white LED saturation Warm white LED saturation 100%-->0%	step proportional step proportional
ZONE 4								
7	-	-	7	1	10	0-255	Warm white LED 4 LED saturation control (0-100%)	proportional
8	-	-	8	2	11	0-255	Cool white LED 4 LED saturation control (0-100%)	proportional
-	-	-	-	-	12	0-255	DIMMER 4 Dimmer intensity from 0% to 100%	proportional
-	-	4	-	-	-	0-127 0-127 128-255 128-255	Ratio control 4 * 100% Warm white LED saturation Cool white LED saturation 0%-->100% 100% Cool white LED saturation Warm white LED saturation 100%-->0%	step proportional step proportional

Mode/Channel						Value	Function	Type of control
1	2	3	4	5	6			
Common channels for all Zones								
-	-	-	9	-	-	0-31 32-63 64-95 96-127 128-143 144-159 160-191 192-223 224-255	<b>SHUTTER/STROBE</b> Shutter closed Shutter open Strobe-effect from slow to fast Shutter open Opening pulses in sequences from slow to fast Closing pulses in sequences from fast to slow Shutter open Random strobe-effects from slow to fast Shutter open	step step proportional step proportional proportional step proportional step
-	-	5	10	3	-	0-255	<b>DIMMER</b> Dimmer intensity from 0% to 100%	proportional
-	1	-	-	-	-	0-255	<b>All LEDs **</b> All LEDs saturation control (0-100%)	proportional

\*Ratio control:



\*\* The mode 2 is suitable for control of single colour modules (e.g. ArcLine Optic12 R, ArcLine Optic 24 G, ArcLine Optic 36 CW, ....)