

Ambient Reality Effects - Model Comparison

Software Features	DIY/OEM	Basic	DMX
Screen Analysis Engine	√	√	√
Artificial Scene Recognition	√	√	√
Dynamic Light Show	√	√	√
Power & User Session Management	√	√	√
Real Time Event Logging	√	√	√
User Profile System	√	√	√
A-R-E API	√	√	√
Color Maps	√	√	√
Light River Color Flow			√
DMX Channel Mapping			√
DMX Multichannel Broadcast			√
DMX Channel Override			√
Applications	DIY/OEM	Basic	DMX
A-R-E	√	√	√
DESKTOPIA (Virtual Landscapes for Mouse Movement)	√	√	√
INSPIRO (Emphatic Text to Color Translator)	√	√	√
PULSAR (Systray Events Alert)	√	√	√
ThinGUI (Minimalistic User Interface)	√	√	√
SDK and SDK Console	√	√	√
Screen Analysis	DIY/OEM	Basic	DMX
Screen Zones	2	2	4
nZone (freehand zone selection tool)	√	√	√
Color Accent, Intensity Booster, Fade to Black, Intermittent Color Changes Filter, Color Transition Smoothing, White Threshold, Color Sensitivity	√	√	√
Color Extrapolation			√
Output Power	DIY/OEM	Basic	DMX
Maximum Voltage	24VDC	24VDC	N/A
Maximum Current per Channel	450mA	450mA	N/A
Maximum Current per PWM port	150mA	150mA	N/A
Optional DIY High Current PWM (AC/DC)	√	√	N/A
USB Interface	DIY/OEM	Basic	DMX
MAX Power consumption per channel	9W	9W	unlimited
Number of LED light channels	2	2	256
Max LED strips per channel	3	3	unlimited
Special Effect Channels (shared)	6	6	256
LED Fixures	DIY/OEM	Basic	DMX
Flexline LED Strip Length (maximum power 12V/4.3W)	50, 100, 200cm	N/A	N/A
Superflux LED Strip Length (7cm increments) (maximum power 12V/8.13W)	7 to 49cm	N/A	N/A
"Basic" LED Strip Length (25cm increments)	N/A	25 to 100cm	N/A
Ultra LED Strip Length (25cm increments)	N/A	N/A	25 to 100cm
Transparent tube encasement		√	
Attachment legs w/screw mount		√	
Tilt mechanism		√	
Velcro mounting	√	√	√
Thin Profile	√	√	√
Supported FX Devices	DIY/OEM	Basic	DMX
DMX Special Effect machines			√
Hi Power 16-million colors LED Strips	√	√	√
Smoke Blaster ("Big Puffer")	√	√	
Smoke Blaster ("Tiny Puffer")	√	√	
Multicolor Plasma Light	√	√	
Dragonhead Lightsculpture	√	√	
Optional User DC and AC Devices (DIY)	√	√	
Supported USB DMX Interfaces	DIY/OEM	Basic	DMX
Enttec DMX USB PRO			√
DMX4ALL USB STAGE-PROFI MK2			√