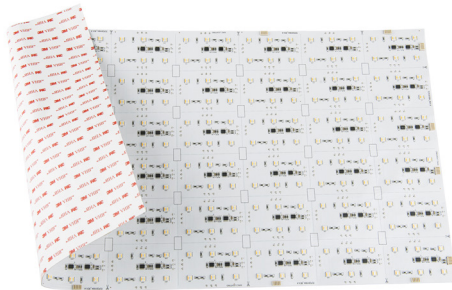


DOTS PER INCH RGBWW

LED Light Sheet



Fixture Type: _____

Catalog Number: _____

Project: _____

Location: _____

PRODUCT DESCRIPTION

Professional flexible light sheet creates uniform and linear illumination. Easy installation in any minimal size application with no heat sink needed. Architectural grade RGB and white light sheet that delivers precise color consistency and brightness throughout the area. With a high lumen output, choose a Color Temperature anywhere from 2700K to 5000K and entire visible color spectrum for a unique and custom lighting effect.

FEATURES

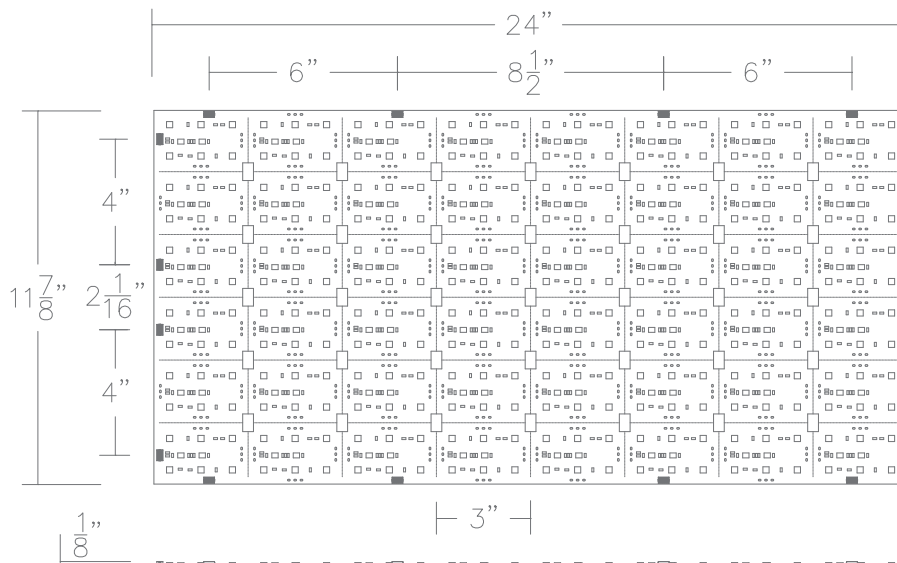
- With a lightweight, ultra-thin 1/8" profile
- Tune to desired CCT from 2700K to 5000K and visible color spectrum with DMX/RDM control
- Even illumination of translucent surfaces from as little as 1/2" behind
- May be field-cut vertically or horizontally, in unique shapes or around obstructions
- Powers easily by daisy chaining with Gold plated connectors or from any square at soldering points provided
- Versatile Mounting Options:
3M-construction adhesive adheres to most surfaces (flat or curved), or open rectangles indicate where it can be stapled through
- Can be installed in either exposed or fully enclosed spaces

SPECIFICATIONS

Input: 24VDC
Max Run: Depends on Color & Dimming level, Refer to table on pg. 3&4
Control: Through A2C10-3 DMX LED Controller
CRI: 90+
McAdams Steps: 3
Color Temp: 2700-5000K, R/G/B
Operating Temp: -4°F to 104°F (-20°C to 40°C)
Standards: UL & CUL Listed for Dry and Damp Locations

Model	Dimension	LED Lumens	Watt	Color Temp	Color
A2S	05 10	12" x 24"	Refer to page 3 & 4	CCWT R/G/B/ 2700K - 5000K	White

Example: **A2S-10-CCWT**



DOTS PER INCH RGBWW

Accessories & Power Supply

	Model	Finish		
	A2L14-002-WT A2L14-006-WT	White White	Joiner Cable Connects between DPI	2 in 6 in
	A2L04-WT	White	I Connector Connects between DPI	
	A2L06-WT	White	T Connector Connects DPI sections	
	A2L07-WT	White	X Connector Connects DPI sections	
	A2L05-WT	White	L Connector Connects DPI sections	
	A2L01-WT	White	Joiner Cable Extender Connects joiner cable to joiner cable, female on both sides	
	A2L15-WT	White	5-3 Low Voltage Wiring Box Connects between 5 wires and 3 wires cable	
	A2L08-WT	White Black	Flex Y Connector Connects DPI sections	
	A2L09-WT	White Black	Flex X Connector Connects DPI sections	
	A2L02-002 A2L02-006 A2L02-012 A2L02-036 A2L02-072 A2L02-144 A2L02-240	WT White	In Wall Rated Joiner Cable Connects DPI sections, 2 male ends	2 in 6 in 1 ft 3 ft 6 ft 12 ft 20 ft
	A2L03-072 A2L03-144	WT White	In Wall Rated Extension Cable Extends distance between a hard wire power supply or a wiring box to a DPI section	6 ft 12 ft 20 ft 100 ft

DMX CONTROLLER & POWER SUPPLIES (REQUIRED)

Controller	Model	Input	Output	Dimension	
	A2C10-3	3X24VDC	3X24VDC	7 7/8" x 3 7/8" x 1 13/16"	UL Listed Class 2 Output 3 DMX/RDM Individual Addressable Output Channels 35MM DIN RAIL & Surface Mount DMX Port RJ45/XLR 3 Pins / Phoenix Connector Support both RGBWW / Tunable AISPIRE products
	Includes: 3 pcs A2L03-72-WT & DIN RAIL STOPPER				
	A2D10-96	120-277VAC	24VDC	7 7/8" x 3 7/8" x 1 13/16"	96W, UL Listed Class 2 Output Input Power Cord Plug Ready 35MM DIN RAIL & Surface Mount Capability 5 Years Warranty
	HDR-100-24N	120VAC	24VDC	3.54" x 3.75" x 2.38"	96W, UL508 Class 2 Isolation DIN RAIL Mount Capability 3 Years Warranty

DOTS PER INCH RGBWW

DMX Value & Power Consumption

POWER CONSUMPTION AND MAXIMUM RUN

Power consumption depends on the color and dimming level. A lookup table below shows the light output at maximum level from DPI RGBWW. The maximum run length value is at maximum brightness of particular color or CCT with 96W power supply.

Color & CCT (K)	Power (W)	Lumen	DMX Value						
			CH1: RED	CH2: GREEN	CH3: BLUE	CH4: 2700K	CH5: 5000K	CH6: R/G/B	CH7: 27/50
RGB	23.8	708	255	255	255	0	0	255	0
RED	12.8	135	255	0	0	0	0	255	0
GREEN	12.9	462	0	255	0	0	0	255	0
BLUE	12.9	119	0	0	255	0	0	255	0
2700K	12.8	427	0	0	0	255	0	0	255
2800K	13.5	484	0	0	0	255	1	0	255
2900K	13.7	498	0	0	0	255	2	0	255
3000K	14.3	538	0	0	0	255	8	0	255
3100K	14.9	588	0	0	0	255	20	0	255
3200K	15.2	616	0	0	0	255	30	0	255
3300K	15.7	659	0	0	0	255	50	0	255
3400K	16.5	721	0	0	0	255	90	0	255
3500K	17.3	788	0	0	0	255	150	0	255
3600K	18.4	871	0	0	0	255	250	0	255
3700K	17.6	813	0	0	0	170	255	0	255
3800K	17.0	768	0	0	0	120	255	0	255
3900K	16.3	715	0	0	0	75	255	0	255
4000K	15.8	675	0	0	0	50	255	0	255
4100K	15.4	648	0	0	0	35	255	0	255
4200K	14.9	609	0	0	0	20	255	0	255
4300K	14.6	585	0	0	0	13	255	0	255
4400K	14.3	564	0	0	0	8	255	0	255
4500K	14.0	539	0	0	0	4	255	0	255
4600K	13.8	522	0	0	0	2	255	0	255
4700K	13.6	509	0	0	0	1	255	0	255
5000K	12.9	456	0	0	0	0	255	0	255

DOTS PER INCH RGBWW

DMX Value & Power Consumption

A2S-10-CCWT

POWER CONSUMPTION AND MAXIMUM RUN

Power consumption depends on the color and dimming level. A lookup table below shows the light output at maximum level from DPI RGBWW. The maximum run length value is at maximum brightness of particular color or CCT with 96W power supply.

Color & CCT (K)	Power (W)	Lumen	DMX Value						
			CH1: RED	CH2: GREEN	CH3: BLUE	CH4: 2700K	CH5: 5000K	CH6: R/G/B	CH7: 27/50
RGB	44.4	1353	255	255	255	0	0	255	0
RED	19.8	314	255	0	0	0	0	255	0
GREEN	19.8	839	0	255	0	0	0	255	0
BLUE	19.9	235	0	0	255	0	0	255	0
2700K	19.9	964	0	0	0	255	0	0	255
2800K	21.4	1094	0	0	0	255	1	0	255
2900K	21.8	1126	0	0	0	255	2	0	255
3000K	23.0	1227	0	0	0	255	8	0	255
3100K	24.4	1342	0	0	0	255	20	0	255
3200K	25.2	1408	0	0	0	255	30	0	255
3300K	26.3	1504	0	0	0	255	50	0	255
3400K	28.0	1646	0	0	0	255	90	0	255
3500K	29.9	1796	0	0	0	255	150	0	255
3600K	32.2	1986	0	0	0	255	250	0	255
3700K	30.4	1853	0	0	0	170	255	0	255
3800K	29.0	1749	0	0	0	120	255	0	255
3900K	28.0	1672	0	0	0	90	255	0	255
4000K	26.3	1545	0	0	0	50	255	0	255
4100K	25.5	1480	0	0	0	35	255	0	255
4200K	24.4	1393	0	0	0	20	255	0	255
4300K	23.7	1338	0	0	0	13	255	0	255
4400K	23.0	1288	0	0	0	8	255	0	255
4500K	22.3	1230	0	0	0	4	255	0	255
4600K	21.8	1193	0	0	0	2	255	0	255
4700K	21.4	1163	0	0	0	1	255	0	255
4800K	19.6	1020	0	0	0	15	240	0	255
4900K	19.6	1021	0	0	0	10	245	0	255
5000K	19.9	1043	0	0	0	0	255	0	255