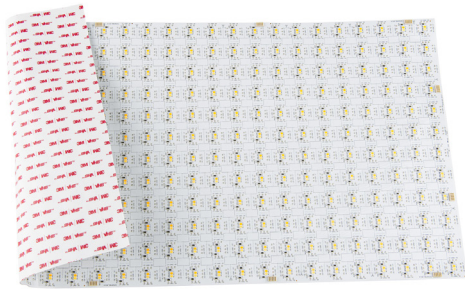


DOTS PER INCH TUNABLE WHITE

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 white light sheet that delivers precise color consistency and brightness throughout the area. With a high lumen output, choose a Color Temperature anywhere from 1800K to 5000K for a unique and custom lighting effect.

FEATURES

- With a lightweight, ultra-thin 1/8" profile
- Tune to desired CCT from 1800K to 5000K 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

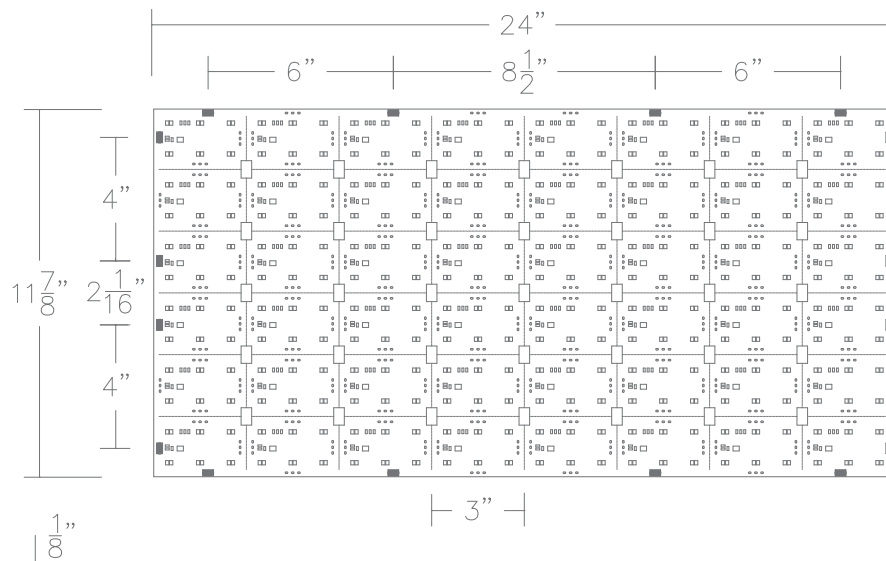
Color Temp: 1800-5000K

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	CTWT 1800K - 5000K	White

Example: **A2S-10-CTWT**



DOTS PER INCH TUNABLE WHITE

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 TUNABLE WHITE

DMX Value & Power Consumption

POWER CONSUMPTION AND MAXIMUM RUN

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

DMX Value

CCT (K)	Power (W)	Lumen	CH1: 1800K	CH2: 2700K	CH3: 5000K	CH4: 18/27/50
1800K	12.7	354	255	0	0	255
1900K	14.0	449	255	6	0	255
2000K	14.8	490	255	20	0	255
2100K	16.1	582	255	70	0	255
2200K	17.5	693	170	255	0	255
2300K	16.2	614	75	255	0	255
2400K	15.3	560	35	255	0	255
2500K	14.3	496	9	255	0	255
2600K	13.5	448	1	255	0	255
2700K	12.8	405	0	255	0	255
2900K	13.5	460	0	255	1	255
3000K	14.0	500	0	255	5	255
3100K	14.5	536	0	255	12	255
3200K	14.9	570	0	255	22	255
3300K	15.6	625	0	255	45	255
3400K	16.3	682	0	255	80	255
3500K	16.9	730	0	255	120	255
3600K	17.8	803	0	255	200	255
3700K	18.3	844	0	255	255	255
3800K	17.4	780	0	165	255	255
3900K	16.8	735	0	115	255	255
4000K	16.3	696	0	80	255	255
4100K	15.7	652	0	50	255	255
4200K	15.2	615	0	30	255	255
4300K	14.8	590	0	20	255	255
4400K	12.9	574	0	15	255	255
4500K	14.6	546	0	8	255	255
4600K	14.0	530	0	5	255	255
4700K	13.7	507	0	2	255	255
4800K	13.5	494	0	1	255	255
5000K	12.9	444	0	0	255	255

DOTS PER INCH TUNABLE WHITE

DMX Value & Power Consumption



A2S-10-CTWT

POWER CONSUMPTION AND MAXIMUM RUN

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

CCT (K)	Power (W)	Lumen	DMX Value			
			CH1: 1800K	CH2: 2700K	CH3: 5000K	CH4: 18/27/50
1800K	19.7	779	255	0	0	255
1900K	22.5	982	255	6	0	255
2000K	24.1	1103	255	20	0	255
2100K	27.0	1310	255	70	0	255
2200K	30.1	1559	170	255	0	255
2300K	27.2	1378	75	255	0	255
2400K	25.3	1256	35	255	0	255
2500K	23.0	1112	9	255	0	255
2600K	21.2	1004	1	255	0	255
2700K	19.7	909	0	255	0	255
2800K	19.3	1119	0	236	12	255
2900K	21.3	1032	0	255	1	255
3000K	22.3	1120	0	255	5	255
3100K	23.4	1201	0	255	12	255
3200K	24.3	1276	0	255	22	255
3300K	25.8	1398	0	255	45	255
3400K	27.4	1522	0	255	80	255
3500K	28.7	1627	0	255	120	255
3600K	30.8	1792	0	255	255	255
3700K	31.9	1884	0	255	255	255
3800K	30.0	1739	0	165	255	255
3900K	28.6	1639	0	115	255	255
4000K	27.4	1553	0	80	255	255
4100K	26.1	1456	0	50	255	255
4200K	25.0	1373	0	30	255	255
4300K	24.2	1317	0	20	255	255
4400K	23.7	1283	0	15	255	255
4500K	22.9	1123	0	8	255	255
4600K	22.4	1189	0	5	255	255
4700K	21.7	1135	0	2	255	255
4800K	21.3	1107	0	1	255	255
4900K	19.3	1248	0	15	235	255
5000K	19.3	1252	0	10	240	255
5100K	19.8	994	0	0	255	255