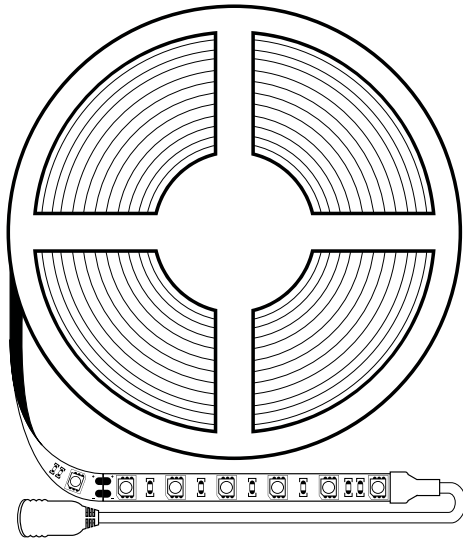


DATA SHEET  
**5050 72W LED STRIP LIGHT**



**300 LEDs**  
**16.4ft**



**UP TO 446+**  
**LUMENS / FT**

**Product Description**

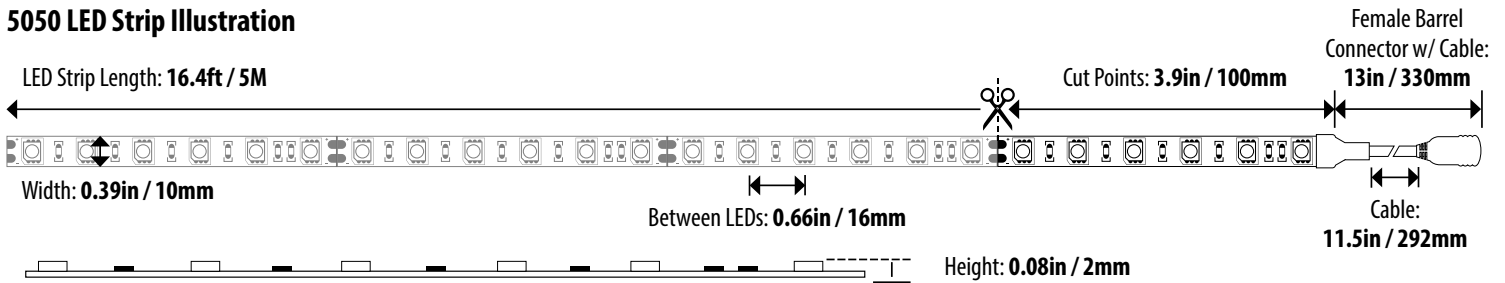
Solid Apollo's 5050 300LED Strip Lights are among the most powerful single row LED Strip Lights. They produce an incredibly bright radiant light that is fully dimmable to any desired level. Solid Apollo's 5050 300 LED Strips are the perfect LED Strips Lights for any lighting application that requires a radiant linear lighting in business or household. The quality of the LED Strips is impeccable and are all UL Certified for safety and durability. Solid Apollo's 5050 300LED Strips offer more advantages that include:

- Full brightness adjustability through a wide range of compatible Dimmers.
- Easy installation with an already mounted 3M double sided tape.
- Field cuttability with close cutting points (every 4 inches).
- Flexible and compact design to fit in a wide selection of LED Channels.
- Leftover pieces are reusable with optional connecting accessories.
- Plug-and-play Barrel Connector for easy connection to compatible Drivers.
- Safety and durability with many quality certifications including UL Listing.
- Variety of colors and white color temperatures and other colors to choose from (see table below).

**Quick Spec.**

- **Fully Dimmable:** Yes
- **Voltage:** 24V DC
- **Total Wattage:** 72W
- **Beam Angle:** 120°
- **UL Listing #:** E493881
- **PCB Width:** 10mm / 0.39in
- **Dimensions:** 196.8in x 0.39in x 0.078in
- **Working Temperature:** -40° to 122°F

**5050 LED Strip Illustration**



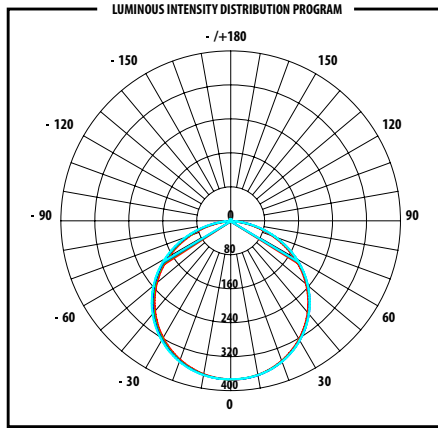
**Technical Information**

Available LED Color	SKU#	Temp (K)	Total LEDs	Lumens / Ft.	Max Wattage	LED Type	Color Rendering Index	Minimum Cut
Candlelight Warm White	SA-LS-CLWW-5050-300-24V	2400K	300	354	72W	SMD 5050	82+	3.9in / 100mm
Super Warm White	SA-LS-SWW-5050-300-24V	2700K	300	383	72W	SMD 5050	82+	3.9in / 100mm
Warm White	SA-LS-WW-5050-300-24V	3000K	300	390	72W	SMD 5050	82+	3.9in / 100mm
Neutral Warm White	SA-LS-NWW-5050-300-24V	3500K	300	434	72W	SMD 5050	82+	3.9in / 100mm
Daylight White	SA-LS-DLW-5050-300-24V	4000K	300	420	72W	SMD 5050	82+	3.9in / 100mm
Natural White	SA-LS-NW-5050-300-24V	5000K	300	446	72W	SMD 5050	82+	3.9in / 100mm
White	SA-LS-W-5050-300-24V	6000K	300	430	72W	SMD 5050	82+	3.9in / 100mm
Red	SA-LS-RE-5050-300-24V	N/A	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm
Green	SA-LS-GR-5050-300-24V	N/A	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm
Blue	SA-LS-BL-5050-300-24V	N/A	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm
Amber	SA-LS-AM-5050-300-24V	2100K	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm
Grow Light	SA-LS-GL-5050-300-24V	Red 660-665nm/ Blue 450-455nm	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm
IR/Infrared	SA-LS-IRL-5050-300-24V	IR 850nm	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm
UV/Ultraviolet Blacklight	SA-LS-UVL-5050-300-24V	UV 400nm	300	N/A	72W	SMD 5050	N/A	3.9in / 100mm

# 5050 72W LED STRIP LIGHT PHOTOMETRICS

## Candlelight Warm White (2400K)

SKU: SA-LS-CWW-5050-300-24V



AVERAGE BEAM ANGLE (50%): 117.1 DEG

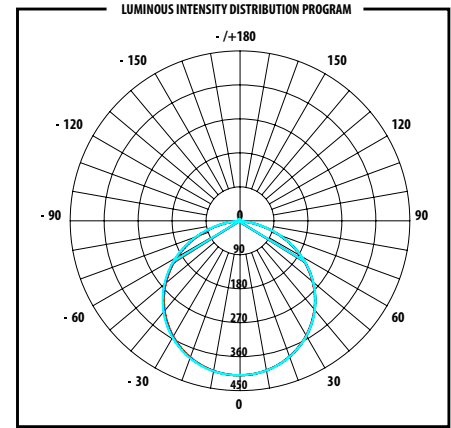
UNIT: cd

- C0 / 180, 115.2
- C30 / 210, 117.1
- C60 / 240, 117.7
- C90 / 270, 118.3

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	371.9	372.4	372.4	371.6	370.1	371.6	372.4	372.4	0 - 10
20	354.3	356.2	356.3	354.7	351.6	354.7	356.3	356.2	10 - 20
30	325.3	328.2	328.6	326.2	321.6	326.2	328.6	328.2	20 - 30
40	285.3	289.3	289.8	286.8	280.9	286.8	289.8	289.3	30 - 40
50	235.4	240.2	240.8	237.3	230.5	237.3	240.8	240.2	40 - 50
60	176.4	182.1	183.0	179.0	171.2	179.0	183.0	182.1	50 - 60
70	111.0	117.1	118.3	114.2	105.9	114.2	118.3	117.1	60 - 70
80	47.00	52.42	53.85	50.16	42.28	50.16	53.85	52.42	70 - 80
90	2.285	8.059	9.980	7.304	0.8468	7.304	9.980	8.059	80 - 90
100	0.9313	0.8130	0.8292	0.7970	0.9950	0.7970	0.8292	0.8130	90 - 100
110	1.776	1.578	1.634	1.589	1.863	1.589	1.634	1.578	100 - 110
120	2.549	2.446	2.550	2.434	2.629	2.434	2.550	2.446	110 - 120
130	3.147	3.243	3.363	3.255	3.194	3.255	3.363	3.243	120 - 130
140	3.641	3.976	3.952	3.884	3.649	3.884	3.952	3.976	130 - 140
150	4.087	4.558	4.431	4.287	4.095	4.287	4.431	4.558	140 - 150
160	4.581	4.980	5.004	4.574	4.573	4.574	5.004	4.980	150 - 160
170	5.178	5.402	5.498	4.996	5.162	4.996	5.498	5.402	160 - 170
180	5.817	5.801	6.231	5.773	5.713	5.773	6.231	5.801	170 - 180

## Super Warm White (2700K)

SKU: SA-LS-SWW-5050-300-24V

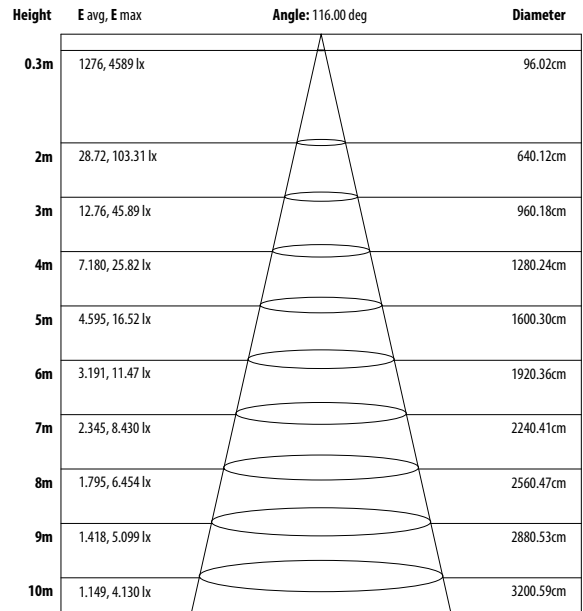
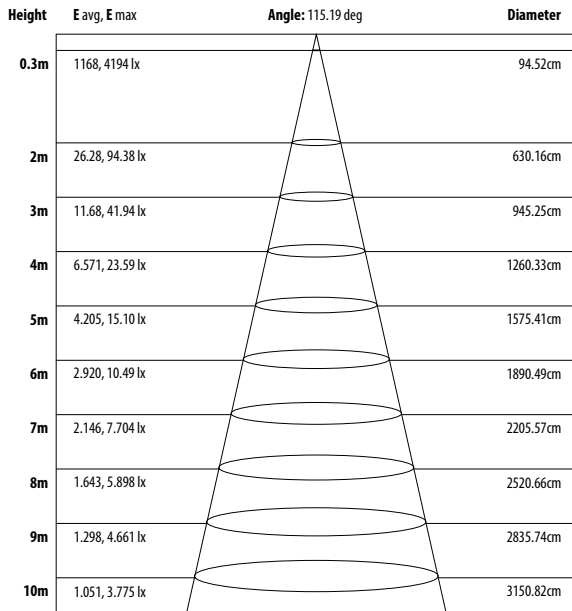


AVERAGE BEAM ANGLE (50%): 116.7 DEG

UNIT: cd

- C0 / 180, 116.0
- C30 / 210, 116.8
- C60 / 240, 116.9
- C90 / 270, 117.2

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	406.8	407.2	407.2	406.8	406.1	406.8	407.2	407.2	0 - 10
20	388.0	389.1	389.1	388.1	386.4	388.1	389.1	389.1	10 - 20
30	356.8	358.3	358.2	356.9	354.6	356.9	358.2	358.3	20 - 30
40	313.7	315.4	315.3	313.8	310.8	313.8	315.3	315.4	30 - 40
50	259.2	261.2	261.1	259.4	255.9	259.4	261.1	261.2	40 - 50
60	194.4	196.7	196.7	194.8	191.1	194.8	196.7	196.7	50 - 60
70	121.9	124.2	124.4	122.5	118.5	122.5	124.4	124.2	60 - 70
80	50.70	52.22	52.38	51.11	46.93	51.11	52.38	52.22	70 - 80
90	2.046	5.424	6.041	5.443	0.7389	5.443	6.041	5.424	80 - 90
100	1.067	0.9242	0.9728	0.9481	1.107	0.9481	0.9728	0.9242	90 - 100
110	2.007	1.836	1.889	1.829	2.063	1.829	1.889	1.836	100 - 110
120	2.836	2.797	2.909	2.760	2.907	2.760	2.909	2.797	110 - 120
130	3.521	3.669	3.810	3.669	3.537	3.669	3.810	3.669	120 - 130
140	4.203	4.450	4.438	4.358	4.047	4.358	4.438	4.450	130 - 140
150	4.533	5.072	4.941	4.749	4.541	4.749	4.941	5.072	140 - 150
160	5.059	5.526	5.546	5.064	5.059	5.064	5.546	5.526	150 - 160
170	5.704	5.964	6.072	5.490	5.688	5.490	6.072	5.964	160 - 170
180	6.358	6.350	6.852	6.315	6.271	6.315	6.852	6.350	170 - 180

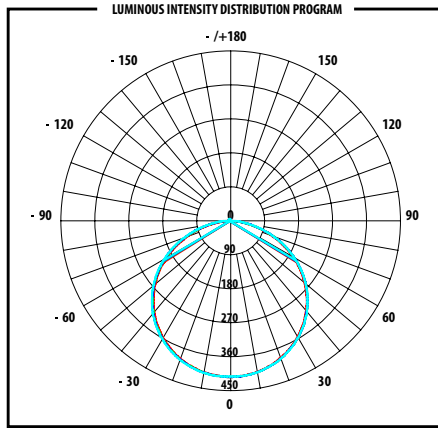


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 5050 72W LED STRIP LIGHT PHOTOMETRICS

## Warm White (3000K) & Neutral Warm White (3500K)

SKU: SA-LS-WW-5050-150-24V & SA-LS-NWW-5050-150-24V



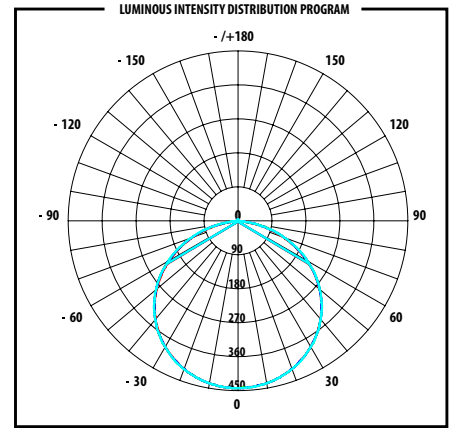
AVERAGE BEAM ANGLE (50%): 117.5 DEG

UNIT: cd

- C0 / 180, 116.4
- C30 / 210, 117.5
- C60 / 240, 117.8
- C90 / 270, 118.1

## Daylight White (4000K)

SKU: SA-LS-DW-5050-150-24V



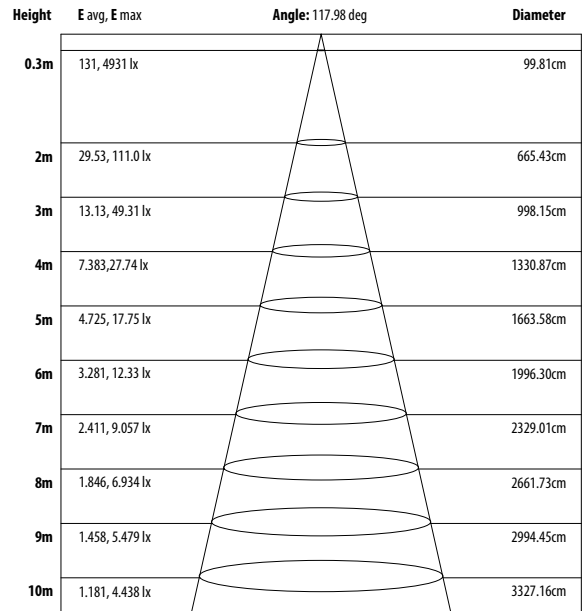
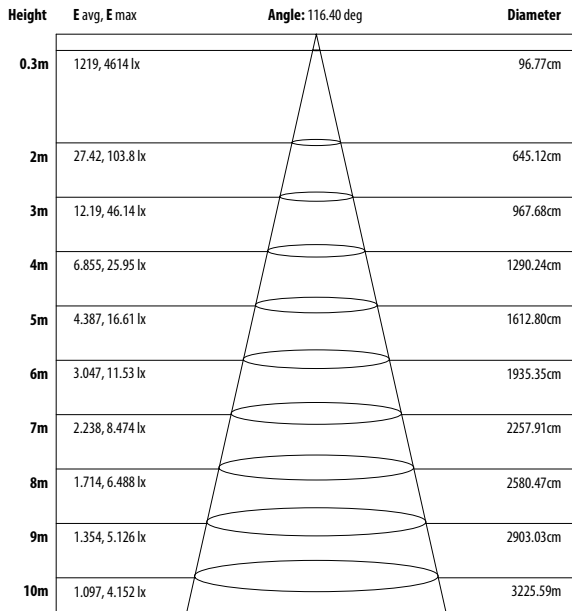
AVERAGE BEAM ANGLE (50%): 118.5 DEG

UNIT: cd

- C0 / 180, 118.0
- C30 / 210, 118.6
- C60 / 240, 118.6
- C90 / 270, 118.8

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	409.0	409.9	409.8	409.6	408.4	409.6	409.8	409.9	0 - 10
20	390.4	392.0	392.2	391.3	389.1	391.3	392.2	392.0	10 - 20
30	359.4	361.7	361.9	360.6	357.5	360.6	361.9	361.7	20 - 30
40	316.4	319.2	319.5	317.8	313.8	317.8	319.5	319.7	30 - 40
50	261.8	265.1	265.5	263.4	258.7	263.4	265.5	265.1	40 - 50
60	196.8	200.5	201.0	198.6	193.3	198.6	201.0	200.5	50 - 60
70	123.6	127.6	128.5	125.7	117.9	125.7	128.5	127.6	60 - 70
80	50.66	55.01	57.06	53.45	45.31	53.45	57.06	55.01	70 - 80
90	1.940	8.725	11.65	7.901	1.184	7.901	11.65	8.725	80 - 90
100	1.051	1.203	1.417	0.9401	1.122	0.9401	1.417	1.203	90 - 100
110	2.015	1.892	1.945	1.864	2.110	1.864	1.945	1.892	100 - 110
120	2.875	2.848	2.957	2.808	2.947	2.808	2.957	2.848	110 - 120
130	3.553	3.733	3.865	3.725	3.601	3.725	3.865	3.733	120 - 130
140	4.063	4.522	4.510	4.418	4.095	4.418	4.510	4.522	130 - 140
150	4.565	5.135	5.012	4.825	4.581	4.825	5.012	5.135	140 - 150
160	5.099	5.574	5.610	5.135	5.091	5.135	5.610	5.574	150 - 160
170	5.760	6.028	6.128	5.558	5.720	5.558	6.128	6.028	160 - 170
180	6.430	6.442	6.860	6.410	6.342	6.410	6.880	6.442	170 - 180

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	437.4	437.5	437.7	437.7	437.6	437.7	437.7	437.5	0 - 10
20	418.7	418.9	419.1	419.0	418.5	419.0	419.1	418.9	10 - 20
30	387.0	387.5	387.7	387.5	386.6	387.5	387.7	387.5	20 - 30
40	342.4	343.2	343.3	343.1	341.7	343.1	343.3	343.2	30 - 40
50	284.9	286.1	286.2	285.8	283.7	285.8	286.2	286.1	40 - 50
60	215.2	217.0	217.3	216.4	213.5	216.4	217.3	217.0	50 - 60
70	135.7	138.1	138.5	137.1	133.2	137.1	138.5	138.1	60 - 70
80	55.67	59.01	59.44	57.04	52.91	57.04	59.44	59.01	70 - 80
90	2.358	8.706	9.290	5.943	1.062	5.943	9.290	8.706	80 - 90
100	1.218	1.236	1.315	1.060	1.250	1.060	1.315	1.236	90 - 100
110	2.270	2.083	2.144	2.064	2.302	2.064	2.144	2.083	100 - 110
120	3.186	3.151	3.276	3.087	3.266	3.087	3.276	3.151	110 - 120
130	3.911	4.095	4.240	4.072	3.928	4.072	4.240	4.095	120 - 130
140	4.438	4.928	4.909	4.801	4.446	4.801	4.909	4.928	130 - 140
150	4.948	5.578	5.451	5.223	4.956	5.223	5.451	5.578	140 - 150
160	5.497	6.028	6.064	5.549	5.497	5.549	6.064	6.028	150 - 160
170	6.198	6.490	6.598	5.988	6.182	5.988	6.598	6.490	160 - 170
180	6.876	6.880	7.370	6.884	6.884	6.884	7.370	6.880	170 - 180

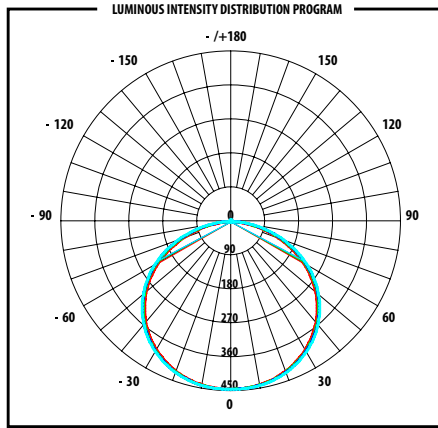


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 5050 72W LED STRIP LIGHT PHOTOMETRICS

## Natural White (5000K)

SKU: SA-LS-NW-5050-300-24V



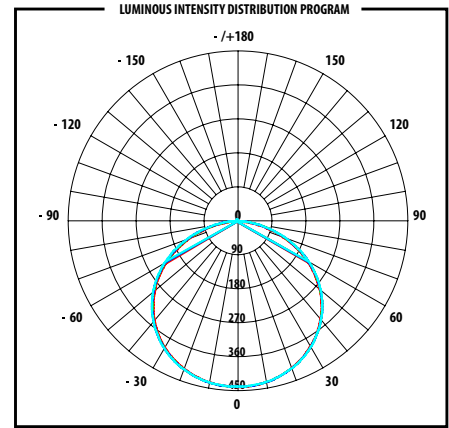
AVERAGE BEAM ANGLE (50%): 122.6 DEG

UNIT: cd

- C0 / 180, 120.5
- C30 / 210, 122.5
- C60 / 240, 123.4
- C90 / 270, 124.0

## White (6000K)

SKU: SA-LS-W-5050-300-24V



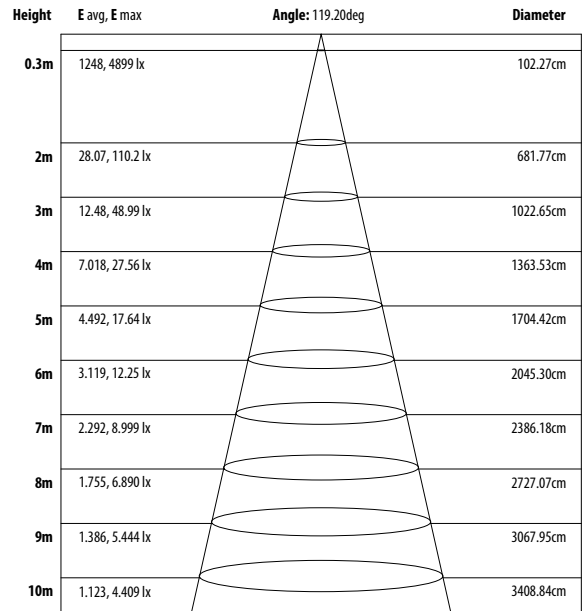
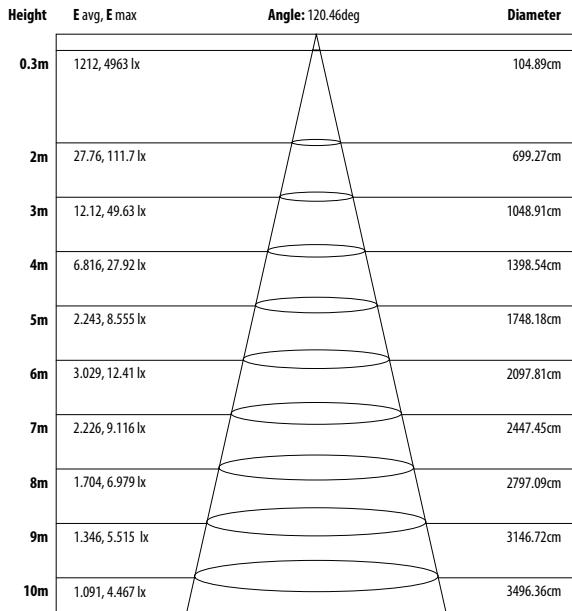
AVERAGE BEAM ANGLE (50%): 120.5 DEG

UNIT: cd

- C0 / 180, 119.2
- C30 / 210, 120.6
- C60 / 240, 120.9
- C90 / 270, 121.2

DEG.	Luminous Intensity: cd									DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g	
10	441.3	442.5	443.3	443.1	441.8	443.3	443.3	442.5	0 - 10	
20	424.5	427.3	428.7	428.0	424.9	428.0	428.7	427.3	10 - 20	
30	395.0	399.6	401.6	400.3	395.5	400.3	401.6	399.6	20 - 30	
40	352.5	358.7	361.2	359.3	352.8	359.3	361.2	358.7	30 - 40	
50	295.9	303.8	306.9	304.4	296.1	304.4	306.9	303.8	40 - 50	
60	225.1	234.7	238.5	235.2	225.2	235.2	238.5	234.7	50 - 60	
70	142.7	153.5	157.9	153.8	142.3	153.8	157.9	153.5	60 - 70	
80	59.51	69.88	74.50	69.87	58.02	69.87	74.50	69.88	70 - 80	
90	1.985	11.73	15.01	11.35	0.5787	11.35	15.01	11.73	80 - 90	
100	1.345	1.311	1.735	1.060	1.345	1.060	1.735	1.311	90 - 100	
110	2.437	2.171	2.192	2.075	2.445	2.075	2.192	2.171	100 - 110	
120	3.393	3.259	3.339	3.127	3.385	3.127	3.339	3.259	110 - 120	
130	4.079	4.243	4.320	4.167	4.079	4.167	4.320	4.243	120 - 130	
140	4.597	5.060	4.996	4.896	4.589	4.896	4.996	5.060	130 - 140	
150	5.083	5.669	5.491	5.315	5.083	5.315	5.491	5.669	140 - 150	
160	5.617	6.115	6.112	5.633	5.601	5.633	6.112	6.115	150 - 160	
170	6.301	6.550	6.068	6.068	6.238	6.068	6.678	6.550	160 - 170	
180	6.996	6.972	7.530	6.944	6.860	6.944	7.530	6.972	170 - 180	

DEG.	Luminous Intensity: cd									DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g	
10	435.4	435.4	435.1	435.1	434.5	435.1	435.1	435.4	0 - 10	
20	417.9	418.6	418.6	418.2	416.6	418.2	418.6	418.6	10 - 20	
30	387.9	389.5	389.5	388.8	386.2	388.8	389.5	389.5	20 - 30	
40	345.0	347.4	347.5	346.5	342.8	346.5	347.4	347.4	30 - 40	
50	288.6	292.0	292.3	290.9	286.0	290.9	292.3	292.0	40 - 50	
60	219.1	223.7	224.4	222.2	215.9	222.2	224.4	223.7	50 - 60	
70	138.9	144.8	146.2	143.0	135.4	143.0	146.2	144.8	60 - 70	
80	58.49	65.92	68.43	63.63	55.13	63.63	68.43	65.92	70 - 80	
90	2.911	14.36	17.73	11.54	1.377	11.54	17.73	14.36	80 - 90	
100	1.258	3.327	5.446	1.060	1.298	1.060	5.446	3.327	90 - 100	
110	2.318	2.123	2.200	2.056	2.381	2.056	2.200	2.123	100 - 110	
120	3.242	3.175	3.284	3.087	3.298	3.087	3.284	3.175	110 - 120	
130	3.959	4.115	4.240	4.083	3.960	4.083	4.240	4.115	120 - 130	
140	4.461	4.936	4.901	4.805	4.485	4.805	4.901	4.936	130 - 140	
150	4.987	5.570	5.427	5.207	4.987	5.207	5.427	5.570	140 - 150	
160	5.513	6.012	6.048	5.522	5.481	5.522	6.048	6.012	150 - 160	
170	6.206	6.458	6.566	5.952	6.142	5.952	6.566	6.458	160 - 170	
180	6.852	6.872	7.378	6.813	6.757	6.813	7.378	6.872	170 - 180	

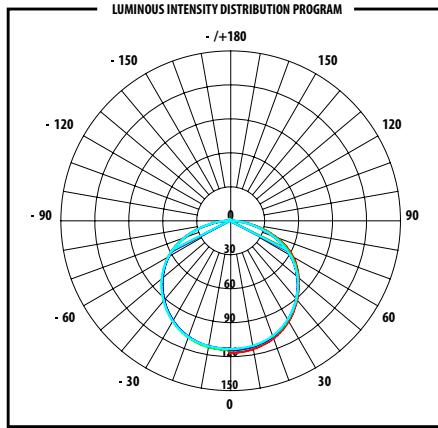


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 5050 72W LED STRIP LIGHT PHOTOMETRICS

## Red

SKU: SA-LS-RE-5050-300-24V



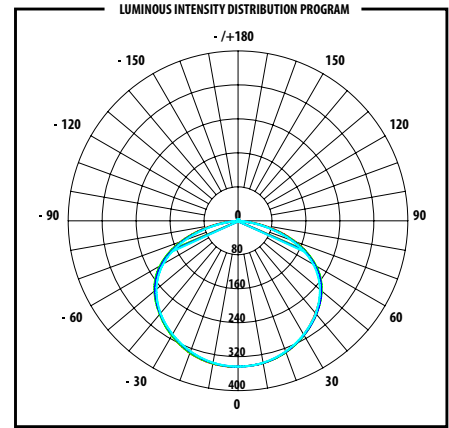
AVERAGE BEAM ANGLE (50%): 125.7 DEG

UNIT: cd

- C0 / 180, 125.9
- C60 / 240, 124.8
- C30 / 210, 126.2
- C90 / 270, 125.8

## Green

SKU: SA-LS-GR-5050-300-24V



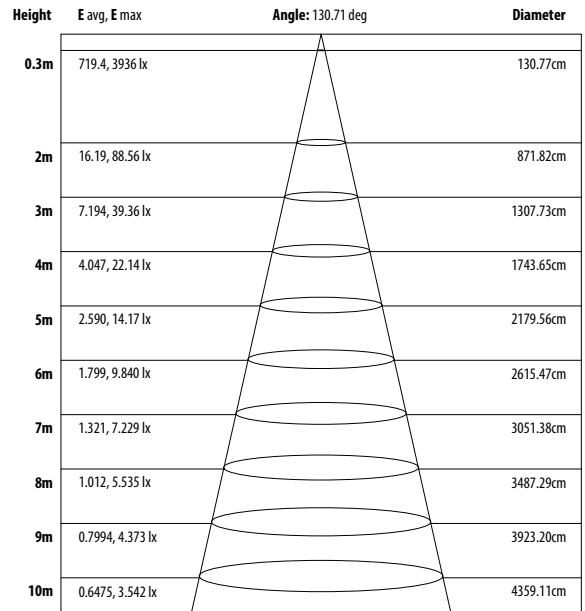
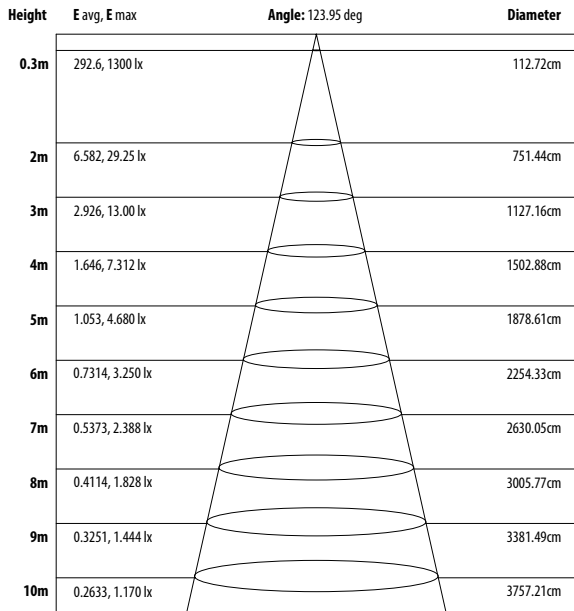
AVERAGE BEAM ANGLE (50%): 132.2 DEG

UNIT: cd

- C0 / 180, 133.0
- C60 / 240, 131.7
- C30 / 210, 133.1
- C90 / 270, 130.7

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	115.6	113.6	112.5	112.8	113.0	112.8	112.5	113.6	0 - 10
20	111.4	109.7	109.0	108.9	108.8	108.9	109.0	109.7	10 - 20
30	103.6	102.2	101.8	101.2	101.2	101.4	101.8	102.2	20 - 30
40	92.51	91.46	91.40	90.75	90.43	90.75	91.40	91.46	30 - 40
50	79.78	78.30	78.43	77.65	77.43	77.65	78.43	78.30	40 - 50
60	65.28	62.84	62.18	62.03	62.37	62.03	62.18	62.84	50 - 60
70	45.09	42.73	41.58	41.72	42.21	41.72	41.58	42.73	60 - 70
80	20.35	19.17	18.63	18.27	18.05	18.27	18.63	19.17	70 - 80
90	0.7244	2.655	3.077	2.352	0.2662	2.352	3.077	2.655	80 - 90
100	0.2545	0.2471	0.3347	0.2511	0.2705	0.2511	0.3347	0.2471	90 - 100
110	0.5493	0.5061	0.5660	0.5061	0.5811	0.5061	0.5660	0.5061	100 - 110
120	0.7647	0.7769	0.8606	0.7530	0.7885	0.7530	0.8606	0.7769	110 - 120
130	0.9478	1.024	1.060	0.9918	0.9320	0.9918	1.060	1.024	120 - 130
140	1.044	1.191	1.211	1.159	1.028	1.159	1.211	1.191	130 - 140
150	1.211	1.335	1.323	1.227	1.139	1.227	1.323	1.335	140 - 150
160	1.299	1.438	1.474	1.295	1.275	1.295	1.474	1.438	150 - 160
170	1.490	1.550	1.594	1.414	1.442	1.414	1.594	1.550	160 - 170
180	1.633	1.633	1.785	1.625	1.633	1.625	1.785	1.633	170 - 180

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	350.2	350.0	349.4	350.7	351.7	350.7	349.4	350.0	0 - 10
20	338.8	338.6	337.1	339.4	341.2	339.4	337.1	338.6	10 - 20
30	318.8	320.0	318.2	326.6	321.3	320.6	318.2	320.0	20 - 30
40	292.6	296.0	293.3	296.2	294.7	296.2	293.3	296.0	30 - 40
50	262.1	265.7	259.6	265.7	263.0	265.7	259.6	265.7	40 - 50
60	218.2	219.3	211.8	220.2	219.0	220.2	211.8	219.3	50 - 60
70	149.9	146.5	140.4	147.8	151.3	147.8	140.4	146.5	60 - 70
80	66.22	60.37	57.20	61.45	66.75	61.45	57.20	60.37	70 - 80
90	3.113	6.663	7.052	6.444	1.400	6.444	7.052	6.663	80 - 90
100	1.441	1.378	1.475	1.366	1.499	1.366	1.475	1.378	90 - 100
110	2.461	2.398	2.503	2.347	2.493	2.347	2.503	2.398	100 - 110
120	3.187	3.251	3.411	3.207	3.250	3.207	3.411	3.251	110 - 120
130	3.641	3.892	4.072	3.904	3.657	3.904	4.072	3.892	120 - 130
140	3.904	4.406	4.438	4.323	3.920	4.323	4.438	4.406	130 - 140
150	4.191	4.777	4.717	4.502	4.215	4.502	4.717	4.777	140 - 150
160	4.557	5.036	5.116	4.657	4.573	4.657	5.116	5.036	150 - 160
170	5.067	5.318	5.458	4.924	5.051	4.924	5.458	5.318	160 - 170
180	5.578	5.585	6.008	5.601	5.585	5.601	6.008	5.585	170 - 180

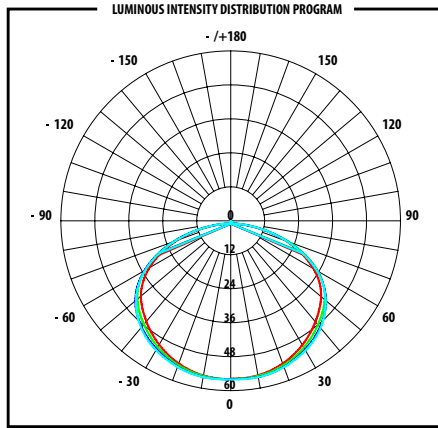


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 5050 72W LED STRIP LIGHT PHOTOMETRICS

## Blue

SKU: SA-LS-BL-5050-300-24V



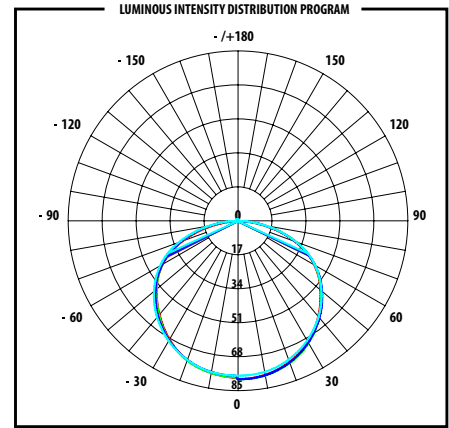
AVERAGE BEAM ANGLE (50%): 134.8 DEG

UNIT: cd

- C0 / 180, 133.3
- C30 / 210, 135.9
- C60 / 240, 135.1
- C90 / 270, 134.9

## Amber

SKU: SA-LS-AM-5050-300-24V



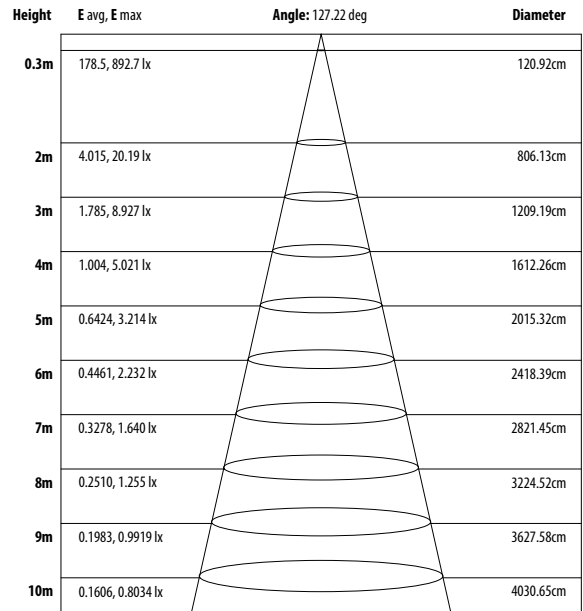
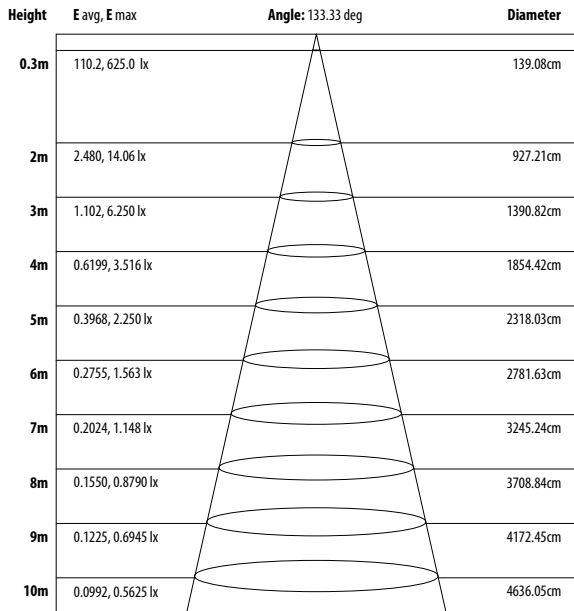
AVERAGE BEAM ANGLE (50%): 128.4 DEG

UNIT: cd

- C0 / 180, 127.2
- C30 / 210, 128.0
- C60 / 240, 127.8
- C90 / 270, 130.4

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	55.66	56.14	56.31	56.10	55.74	56.10	56.31	56.14	0 - 10
20	53.98	54.98	55.30	54.92	54.04	54.92	55.30	54.98	10 - 20
30	51.05	52.56	53.26	52.46	51.05	52.46	53.26	52.56	20 - 30
40	47.13	49.22	50.00	49.12	47.06	49.12	50.00	49.22	30 - 40
50	42.51	44.84	44.73	44.83	42.39	44.83	44.73	44.84	40 - 50
60	35.35	37.35	36.76	37.41	34.99	37.41	36.76	37.35	50 - 60
70	24.24	25.41	24.79	25.51	23.81	25.51	24.79	25.41	60 - 70
80	11.07	11.41	11.16	11.54	10.58	11.54	11.16	11.44	70 - 80
90	0.4234	1.424	1.773	1.555	0.1363	1.555	1.773	1.424	80 - 90
100	0.1033	0.0917	0.1196	0.1115	0.0797	0.1115	0.1196	0.0917	90 - 100
110	0.2309	0.2509	0.2870	0.2510	0.2468	0.2510	0.2870	0.2509	100 - 110
120	0.3585	0.3865	0.4543	0.3944	0.3664	0.3944	0.4543	0.3865	110 - 120
130	0.4540	0.5139	0.5658	0.5140	0.4779	0.5140	0.5658	0.5139	120 - 130
140	0.4701	0.5896	0.6296	0.5817	0.4781	0.5817	0.6296	0.5896	130 - 140
150	0.5099	0.6495	0.6694	0.6215	0.5258	0.6215	0.6694	0.6495	140 - 150
160	0.6134	0.6892	0.7410	0.6494	0.6056	0.6494	0.7410	0.6892	150 - 160
170	0.6454	0.7450	0.7889	0.6693	0.6453	0.6693	0.7889	0.7450	160 - 170
180	0.7330	0.7649	0.8844	0.7490	0.7330	0.7490	0.8844	0.7649	170 - 180

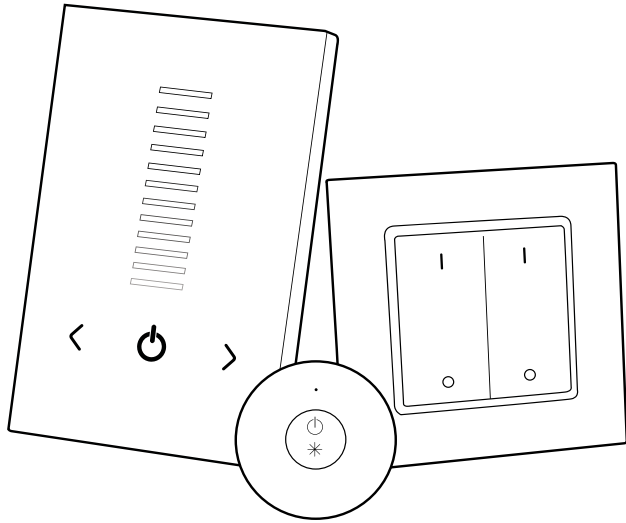
DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	79.12	79.32	77.61	77.75	78.07	77.75	77.61	79.32	0 - 10
20	76.09	76.45	74.82	74.93	74.89	74.93	74.82	76.45	10 - 20
30	70.91	71.39	70.04	69.62	69.16	69.62	70.04	71.39	20 - 30
40	63.35	64.20	63.59	62.27	61.74	62.27	63.59	64.20	30 - 40
50	54.76	55.44	55.40	53.76	53.71	53.76	55.40	55.44	40 - 50
60	44.99	45.22	45.51	44.07	43.93	44.07	45.51	45.22	50 - 60
70	31.31	31.75	32.10	30.77	29.94	30.77	32.10	31.75	60 - 70
80	14.38	15.52	15.68	14.62	12.01	14.62	15.68	15.52	70 - 80
90	0.4743	2.754	3.198	2.276	0.1338	2.276	3.198	2.754	80 - 90
100	0.1114	0.2036	0.4533	0.1794	0.1273	0.1794	0.4533	0.2036	90 - 100
110	0.3423	0.2908	0.3348	0.2868	0.3426	0.2868	0.3348	0.2908	100 - 110
120	0.4781	0.5017	0.5419	0.4858	0.4781	0.4858	0.5419	0.5017	110 - 120
130	0.6134	0.6414	0.6855	0.6375	0.6056	0.6375	0.6855	0.6414	120 - 130
140	0.7006	0.7730	0.7890	0.7649	0.6533	0.7649	0.7890	0.7730	130 - 140
150	0.7330	0.8844	0.8765	0.8088	0.7330	0.8088	0.8765	0.8844	140 - 150
160	0.8444	0.9561	0.9800	0.8645	0.8525	0.8645	0.9800	0.9561	150 - 160
170	0.9560	1.036	1.068	0.9322	0.9479	0.9322	1.068	1.036	160 - 170
180	1.100	1.088	1.147	1.072	1.044	1.072	1.147	1.088	170 - 180



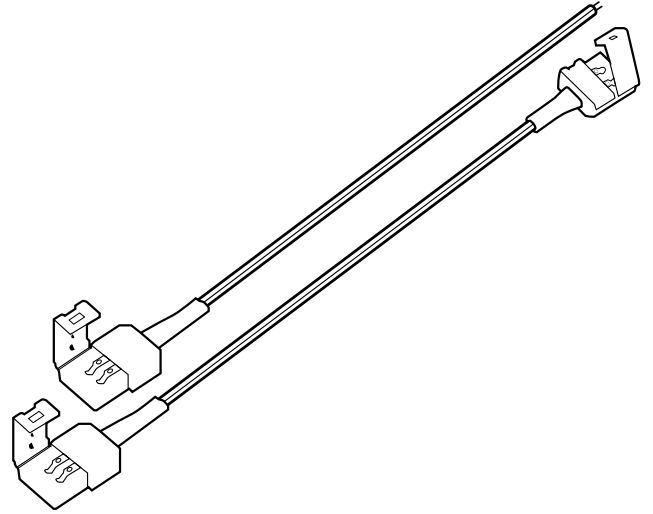
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 5050 72W LED STRIP LIGHT ACCESSORIES

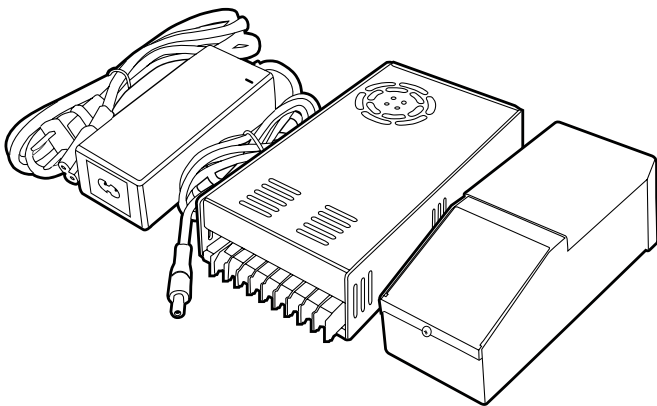
## Dimmers



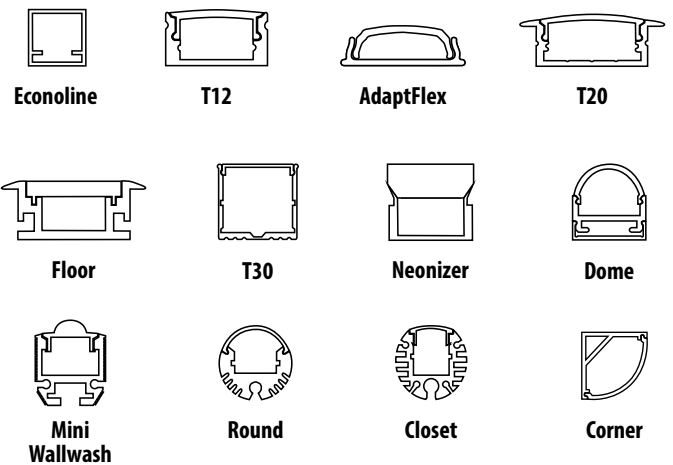
## LED Strip Connectors



## Power Supplies

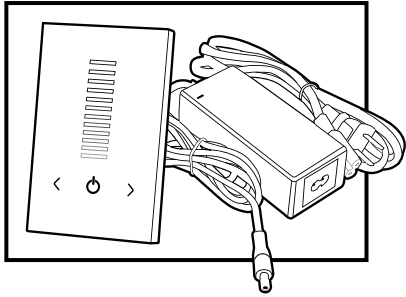


## LED Strip Channels

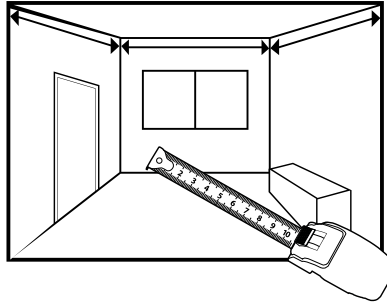


# 5050 72W LED STRIP LIGHT INSTALLATION GUIDE

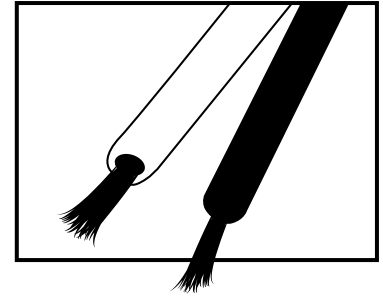
1. Determine where to install the Driver and optional Dimmer.



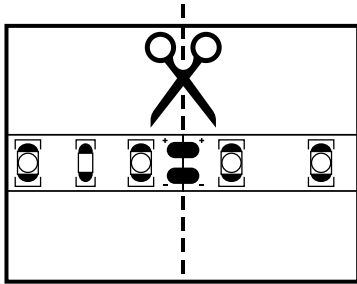
2. Determine the measurement of area where LED Strip Lights will be placed.



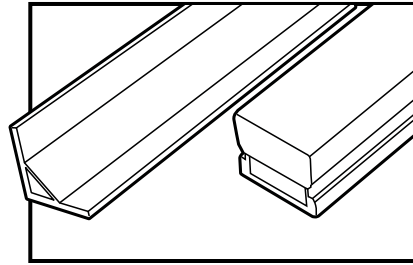
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



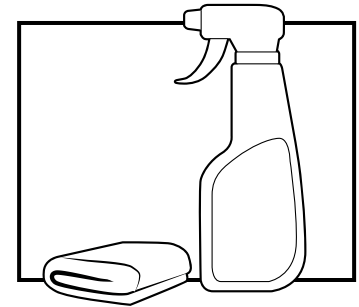
4. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.



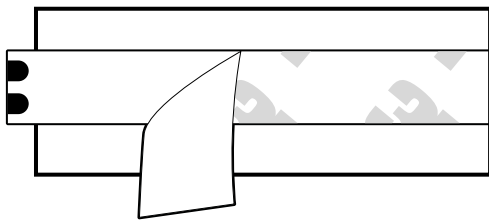
5. If using Channels, cut or extend them to fit size of the installation area



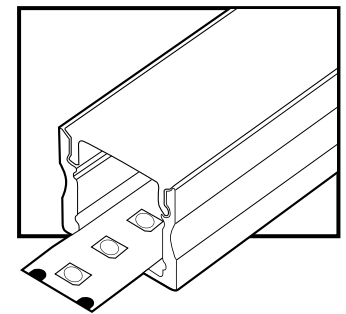
6. Thoroughly clean the surface where the LED Strip will be mounted.



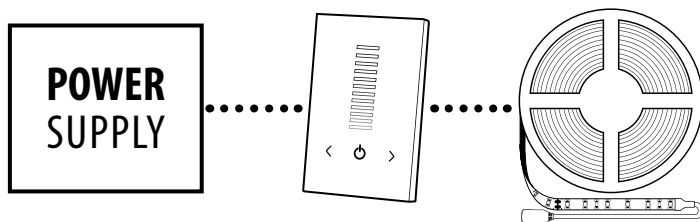
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



B. If using Channels, mount the LED Strip in the Channel and mount it to the desired surface.



8. Complete the connection/wiring between the Power Supply, optional dimmer and LED Strips.



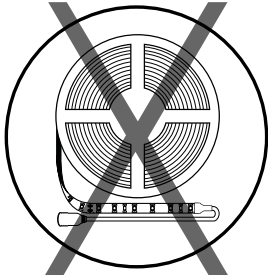
9. Power up and enjoy!

**Note:** If you have questions and concerns regarding the installation process. Please feel free to contact us at 425.582.7533. We will gladly assist you.

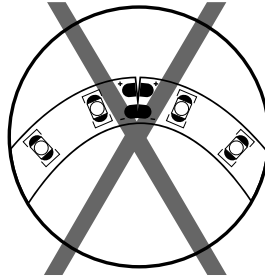


# 5050 72W LED STRIP LIGHT WARNINGS

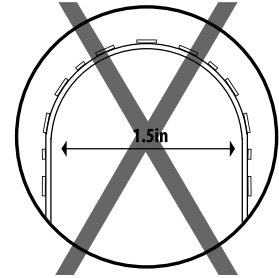
**Do not** power LED Strip still coiled in spool.



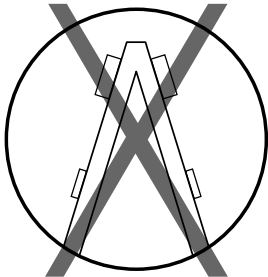
**Do not** bend LED Strip sideways.



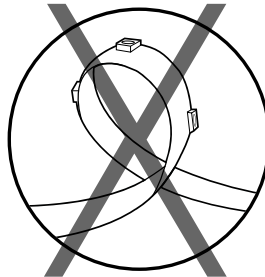
**Do not** bend LED strips to a diameter less than 1.5 inches.



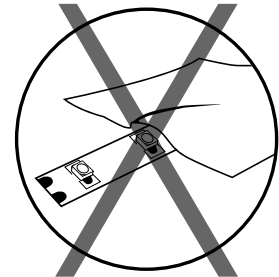
**Do not** fold or crease LED Strip.



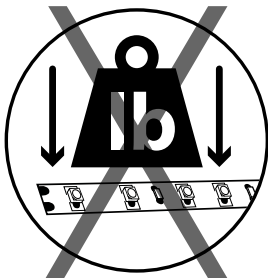
**Do not** twist LED Strip.



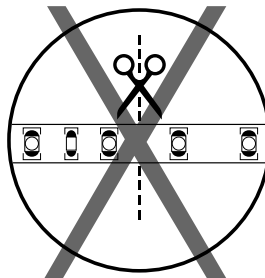
**Do not** cover LED Strip with anything other than LED Channel Diffusers.



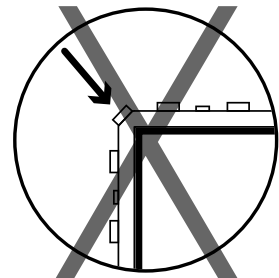
**Do not** put direct excessive pressure on the LED surface.



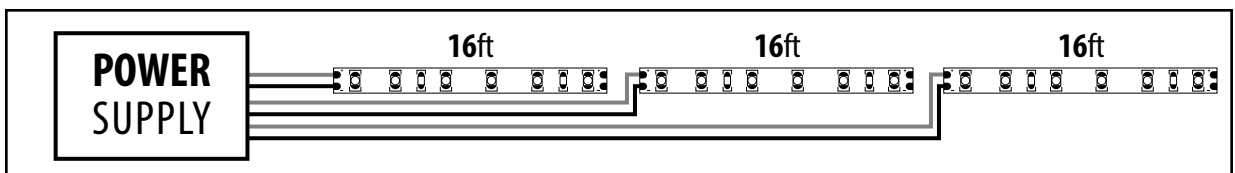
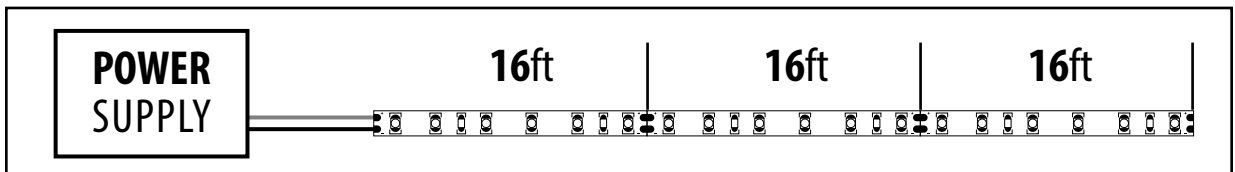
**Do not** cut LED Strips except at designated cutting points.



**Do not** position LED at an angled surface where it is pressed.



**Do not** connect or interconnect more than 16 feet (5 meters) of LED Strip to one Power Feed.



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# 5050 72W LED STRIP LIGHT SAFETY & WARRANTY

## Safety / Disclosures

1. Please follow the included installation guide for proper installation procedure (See pg. 8).
2. Install in accordance with your national or local electrical code regulations.
3. Not suitable for wet locations.
4. Do not expose LED chips to direct sunlight continuously.
5. Do not expose to heat more than the specified Temperature ratings and do not install too close to stoves, fireplaces, and so on.
6. Only install with the required Driver/Power Supply – 24V DC Constant Voltage Driver.
7. Use a separate power feed for each recommended maximum run.
8. Only use cables that are certified for use with external connection of electrical equipment and rated for at least 80°C (176°F)
9. Do not mishandle product or modify beyond the guidelines given as this may void product Warranty.
10. Only use the recommended accessories and wires to connect between LED Strip Light, Driver, Controller, and other devices in between.
11. The output color of the LED Strips may have slight variation from that of the pictures on this document or website due to photo rendering limitations.
12. Design improvements and modification of the products could happen from to time and we reserve the right to do these improvements necessary without any prior notice.

## Warranty

The **5050 72W LED Strip Lights** come with a 5-year limited warranty from the date it is shipped to the customer. This warranty covers the product as long as it is used for the designed purpose and normally operated unless otherwise stated.

Please visit [www.solidapollo.com/returns-amp-warranty.html](http://www.solidapollo.com/returns-amp-warranty.html) for the complete warranty details on the product. For any additional questions about product warranty, feel free to contact customer support at 425.582.7533.