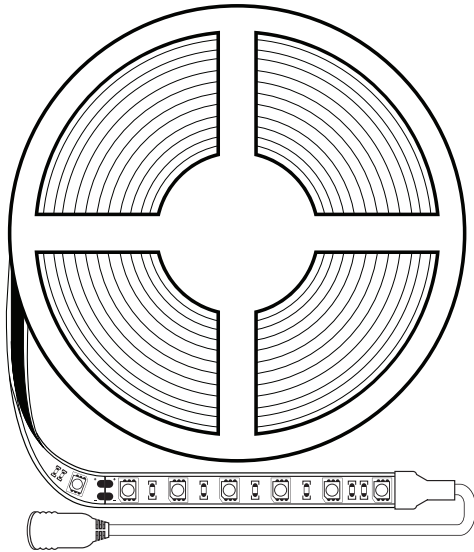


5050 WATERPROOF 72W LED STRIP LIGHT



Product Description

Solid Apollo's Waterproof 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. These 72W Waterproof Strips are an excellent choice for any outdoor lighting application that requires radiant linear lighting. The quality of the LED Strips is impeccable and they are fully waterproofed with a high-end Silicon Formula that includes Chemicals that protect against UV Rays from the Sun and other environmental elements. This greatly increases the lifetime of the LED Strip Lights.

Solid Apollo's Waterproof 5050 72W Strips have a built-in heavy-duty double-sided tape that enables it to be stuck to any surface including bricks and rough surfaces. The Strips are available in a variety of colors and white color temperatures. They offer many advantages including:

- UL certified for Safety and Durability.
- Suitable for wet locations.
- IP67 Rated for Waterproof and Outdoor use.
- Flexibility with a slim and compact design.
- Fully adjustable brightness with our optional Dimmers.
- Easy installation with an already mounted 3M double sided tape.
- Field cuttable every 3.9 inches with clearly marked cutting points.
- Waterproofed Barrel connector for easy plug-and-play with compatible Power Supplies.
- Variety of colors and white color temperatures to choose from (see table below).

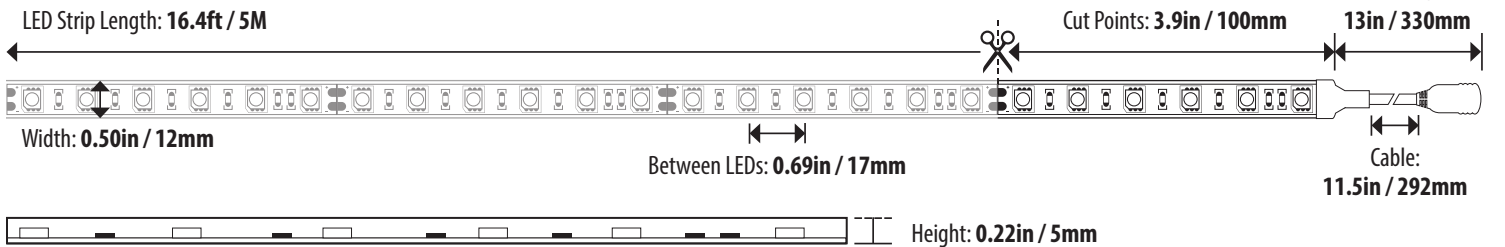
300 LEDs
16.4ft

**UP TO 360+
LUMENS / FT**

Quick Spec.

- **Fully Dimmable:** Yes
- **Voltage:** 24V DC
- **Total Wattage:** 72W
- **Beam Angle:** 120°
- **UL Listing #:** E493881
- **PCB Width:** 0.50in / 12mm
- **Dimensions:** 196.8in x 0.50in x 0.22in
- **Working Temperature:** -40° to 122°F

5050 Waterproof LED Strip Illustration



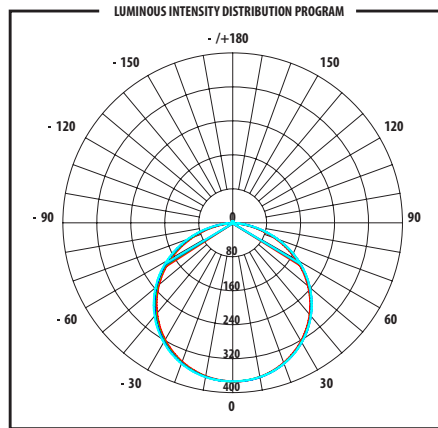
Technical Information

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	192	72W	SMD 5050	82+	3.9in / 100mm
Super Warm White	SA-LS-SWW-5050-300-24V	2700K	300	310	72W	SMD 5050	82+	3.9in / 100mm
Warm White	SA-LS-WW-5050-300-24V	3100K	300	310	72W	SMD 5050	82+	3.9in / 100mm
Daylight White	SA-LS-DLW-5050-300-24V	4000K	300	329	72W	SMD 5050	82+	3.9in / 100mm
Natural White	SA-LS-NW-5050-300-24V	5000K	300	347	72W	SMD 5050	82+	3.9in / 100mm
White	SA-LS-W-5050-300-24V	6000K	300	366	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

5050 WATERPROOF 72W LED STRIP LIGHT PHOTOMETRICS

Candlelight Warm White (2400K)

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



AVERAGE BEAM ANGLE (50%): 117.1 DEG

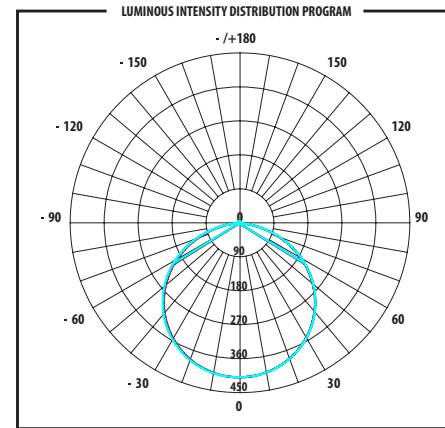
UNIT: cd

— C0 / 180, 115.2 — C60 / 240, 117.7
— C30 / 210, 117.1 — 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	5.402	5.498	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 — C60 / 240, 116.9
— C30 / 210, 116.8 — 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

Height	E avg, E max	Angle: 115.19 deg	Diameter
0.3m	1168, 4194 lx		94.52cm
2m	26.28, 94.38 lx		630.16cm
3m	11.68, 41.94 lx		945.25cm
4m	6.571, 23.59 lx		1260.33cm
5m	4.205, 15.10 lx		1575.41cm
6m	2.920, 10.49 lx		1890.49cm
7m	2.146, 7.704 lx		2205.57cm
8m	1.643, 5.898 lx		2520.66cm
9m	1.298, 4.661 lx		2835.74cm
10m	1.051, 3.775 lx		3150.82cm

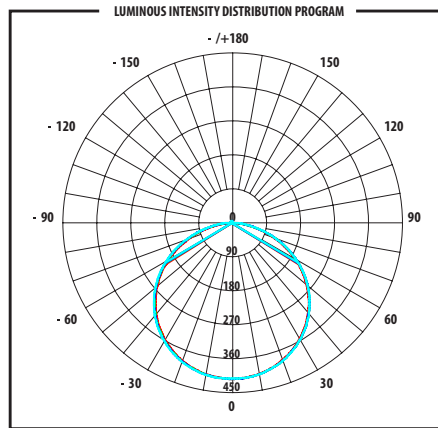
Height	E avg, E max	Angle: 116.00 deg	Diameter
0.3m	1276, 4589 lx		96.02cm
2m	28.72, 103.31 lx		640.12cm
3m	12.76, 45.89 lx		960.18cm
4m	7.180, 25.82 lx		1280.24cm
5m	4.595, 16.52 lx		1600.30cm
6m	3.191, 11.47 lx		1920.36cm
7m	2.345, 8.430 lx		2240.41cm
8m	1.795, 6.454 lx		2560.47cm
9m	1.418, 5.099 lx		2880.53cm
10m	1.149, 4.130 lx		3200.59cm

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

5050 WATERPROOF 72W LED STRIP LIGHT PHOTOMETRICS

Warm White (3100K)

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



AVERAGE BEAM ANGLE (50%): 117.5 DEG

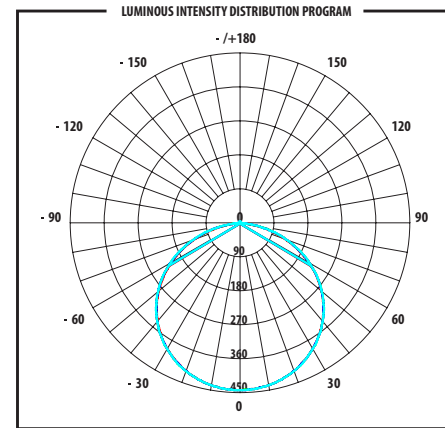
UNIT: cd

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

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	6.680	6.442	170 - 180

Daylight White (4000K)

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

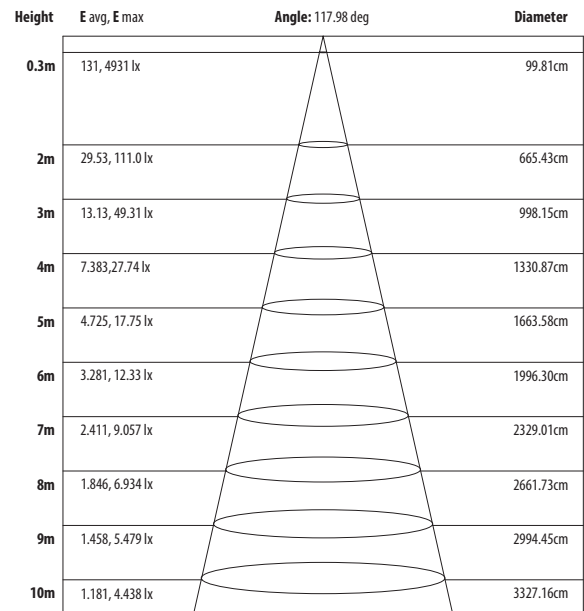
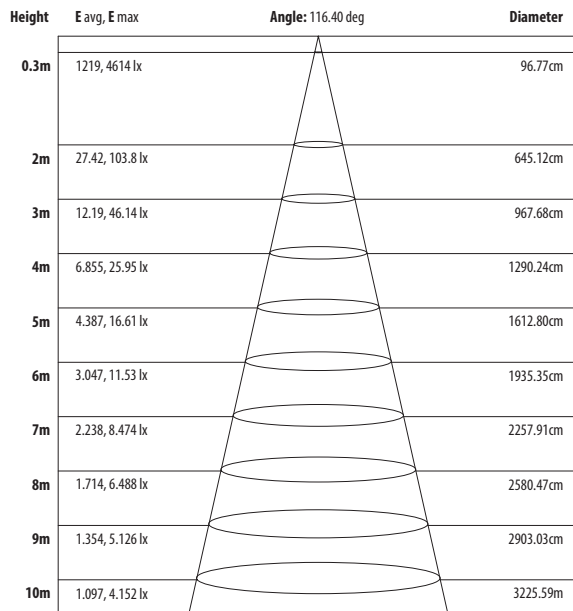


AVERAGE BEAM ANGLE (50%): 118.5 DEG

UNIT: cd

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

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	437.4	437.5	437.7	437.6	437.7	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

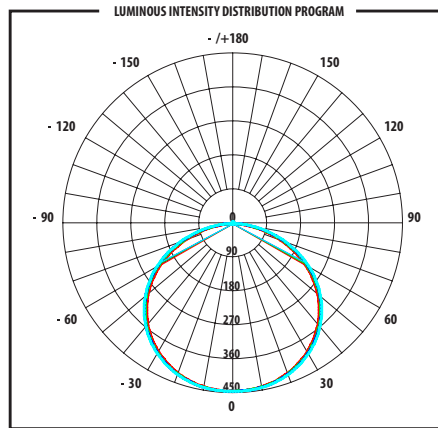


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

5050 WATERPROOF 72W LED STRIP LIGHT PHOTOMETRICS

Natural White (5000K)

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



AVERAGE BEAM ANGLE (50%): 122.6 DEG

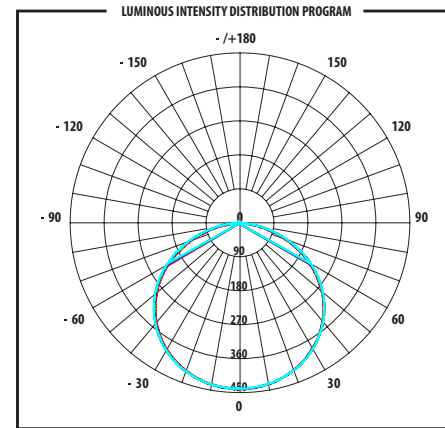
UNIT: cd

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

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

White (6000K)

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



AVERAGE BEAM ANGLE (50%): 120.5 DEG

UNIT: cd

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

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	347.5	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

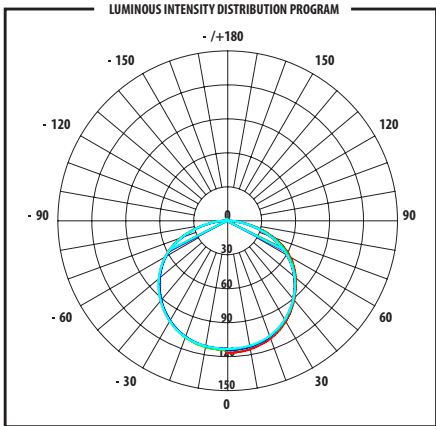
Height	E avg, E max	Angle: 120.46deg	Diameter
0.3m	1212, 4963 lx		104.89cm
2m	27.76, 111.7 lx		699.27cm
3m	12.12, 49.63 lx		1048.91cm
4m	6.816, 27.92 lx		1398.54cm
5m	2.243, 8.555 lx		1748.18cm
6m	3.029, 12.41 lx		2097.81cm
7m	2.226, 9.116 lx		2447.45cm
8m	1.704, 6.979 lx		2797.09cm
9m	1.346, 5.515 lx		3146.72cm
10m	1.091, 4.467 lx		3496.36cm

Height	E avg, E max	Angle: 119.20deg	Diameter
0.3m	1248, 4899 lx		102.27cm
2m	28.07, 110.2 lx		681.77cm
3m	12.48, 48.99 lx		1022.65cm
4m	7.018, 27.56 lx		1363.53cm
5m	4.492, 17.64 lx		1704.42cm
6m	3.119, 12.25 lx		2045.30cm
7m	2.292, 8.999 lx		2386.18cm
8m	1.755, 6.890 lx		2727.07cm
9m	1.386, 5.444 lx		3067.95cm
10m	1.123, 4.409 lx		3408.84cm

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

Red

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



AVERAGE BEAM ANGLE (50%): 125.7 DEG

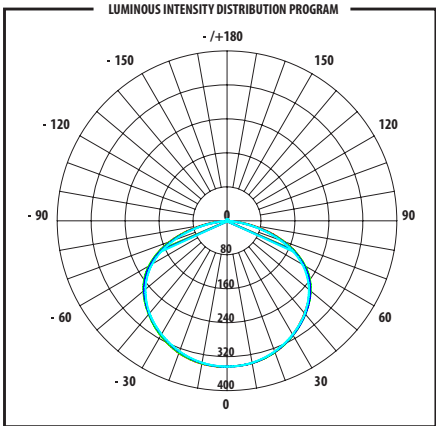
UNIT: cd

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

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

Green

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

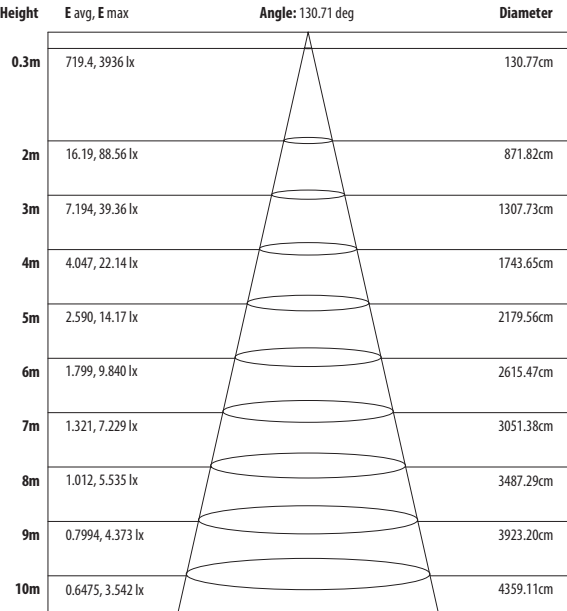
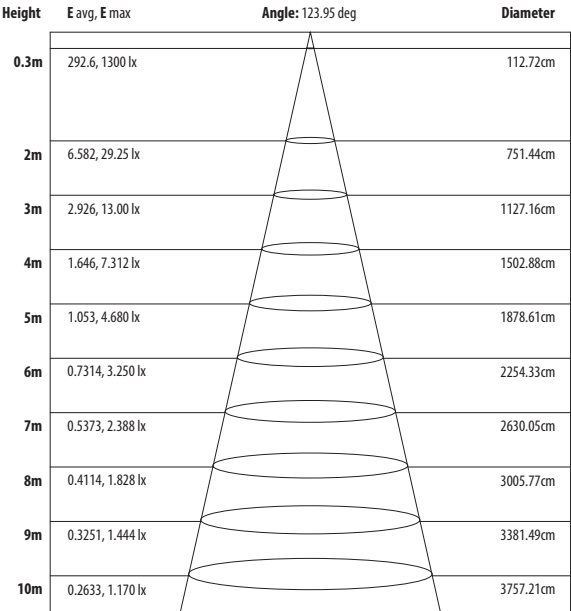


AVERAGE BEAM ANGLE (50%): 132.2 DEG

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	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	320.6	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

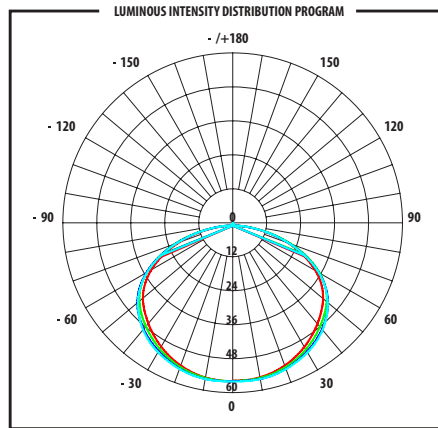


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

5050 WATERPROOF 72W LED STRIP LIGHT PHOTOMETRICS

Blue

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



AVERAGE BEAM ANGLE (50%): 134.8 DEG

UNIT: cd

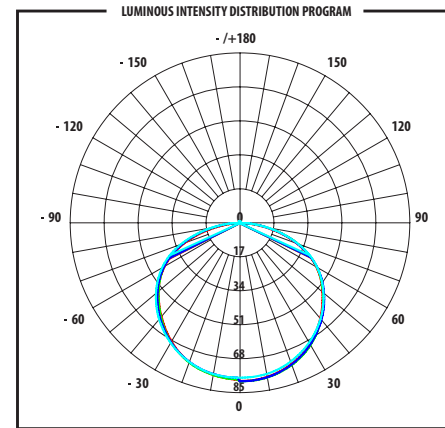
— C0 / 180, 133.3 — C60 / 240, 135.1
— C30 / 210, 135.9 — C90 / 270, 134.9

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

Height	E avg, E max	Angle: 133.33 deg	Diameter
0.3m	110.2, 625.0 lx		139.08cm
2m	2.480, 14.06 lx		927.21cm
3m	1.102, 6.250 lx		1390.82cm
4m	0.6199, 3.516 lx		1854.42cm
5m	0.3968, 2.250 lx		2318.03cm
6m	0.2755, 1.563 lx		2781.63cm
7m	0.2024, 1.148 lx		3245.24cm
8m	0.1550, 0.8790 lx		3708.84cm
9m	0.1225, 0.6945 lx		4172.45cm
10m	0.0992, 0.5625 lx		4636.05cm

Amber

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



AVERAGE BEAM ANGLE (50%): 128.4 DEG

UNIT: cd

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

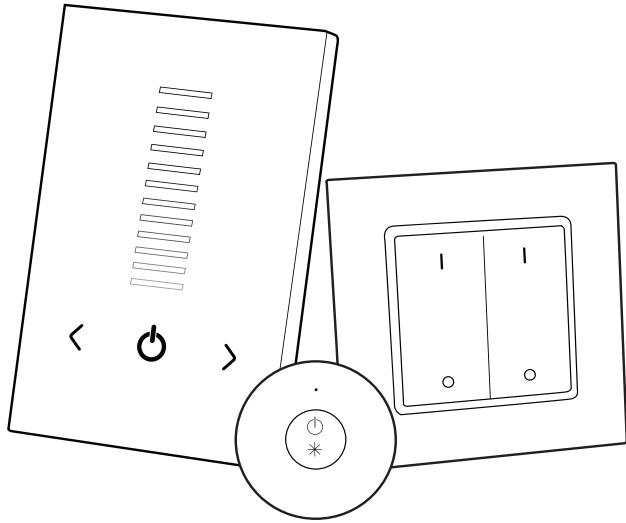
DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	79.12	79.32	77.61	77.75	78.07	77.75	77.61	79.32	0 - 10
20	76.09	76.45	74.82	74.93	74.89	74.93	74.82	76.45	10 - 20
30	70.91	71.39	70.04	69.62	69.16	69.62	70.04	71.39	20 - 30
40	63.35	64.20	63.59	62.27	61.74	62.27	63.59	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

Height	E avg, E max	Angle: 127.22 deg	Diameter
0.3m	178.5, 892.7 lx		120.92cm
2m	4.015, 20.19 lx		806.13cm
3m	1.785, 8.927 lx		1209.19cm
4m	1.004, 5.021 lx		1612.26cm
5m	0.6424, 3.214 lx		2015.32cm
6m	0.4461, 2.232 lx		2418.39cm
7m	0.3278, 1.640 lx		2821.45cm
8m	0.2510, 1.255 lx		3224.52cm
9m	0.1983, 0.9919 lx		3627.58cm
10m	0.1606, 0.8034 lx		4030.65cm

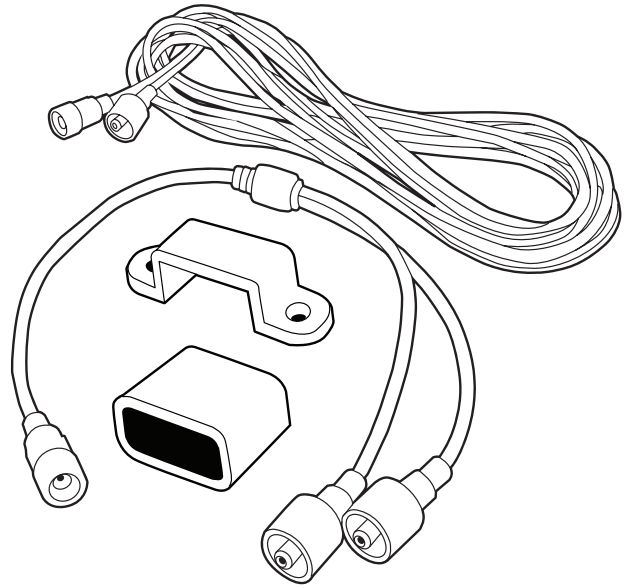
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

5050 WATERPROOF 72W LED STRIP LIGHT ACCESSORIES

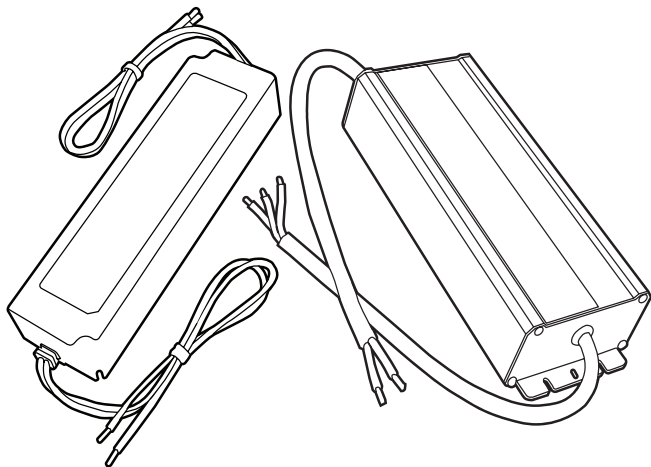
Dimmers



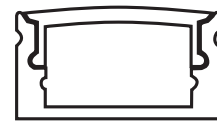
LED Strip Connectors



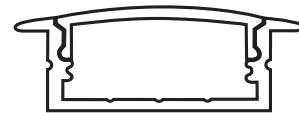
Power Supplies



LED Strip Channels



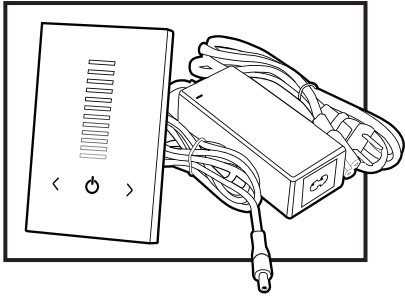
T12



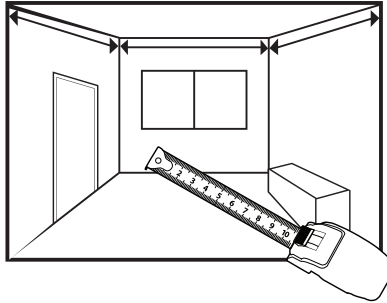
T20

5050 WATERPROOF 72W LED STRIP LIGHT INSTALLATION GUIDE

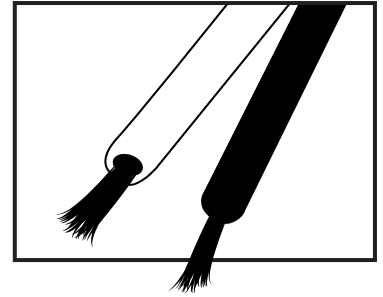
1. Determine where to install the Driver and optional Dimmer.



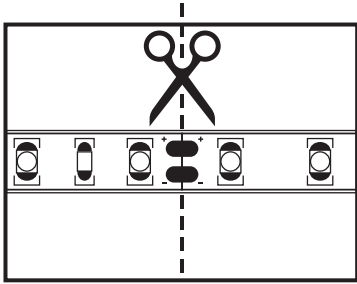
2. Determine the measurement of area where LED Strip Lights will be placed.



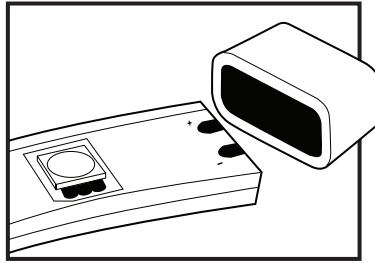
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



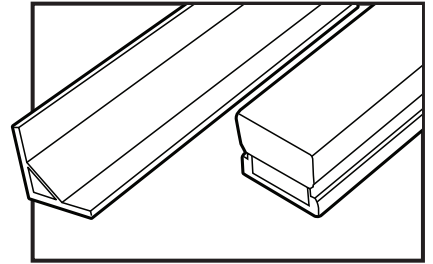
4. A. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.



- B. If strip is cut, ensure proper re-waterproofing with an Endcap and silicon glue.



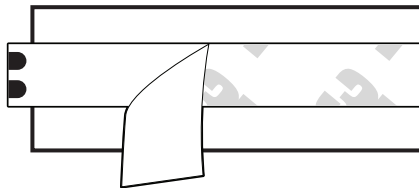
5. If using Channels, cut or extend them to fit size of the installation area



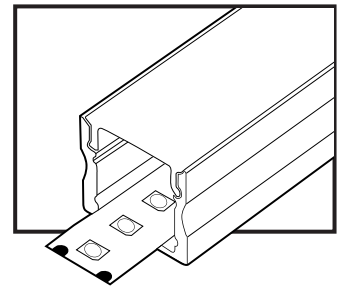
6. Thoroughly clean the surface where the LED Strip will be mounted.



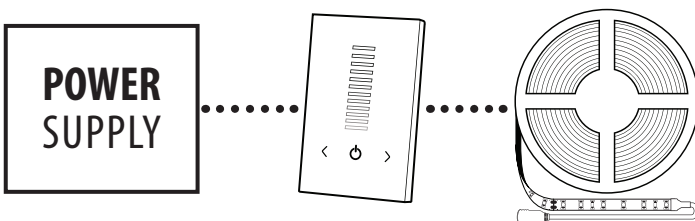
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



- 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.

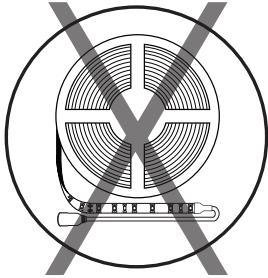


9. Power up and enjoy!

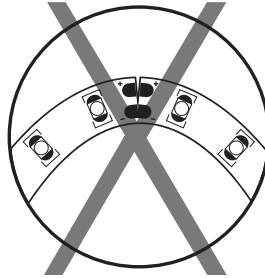
Note: If you have questions and concerns regarding the installation process. Please feel free to contact us at 425.582.7533. We will gladly assist you.

5050 WATERPROOF 72W LED STRIP LIGHT WARNINGS

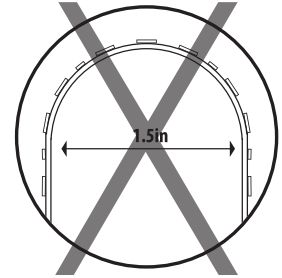
Do not power LED Strip still coiled in spool.



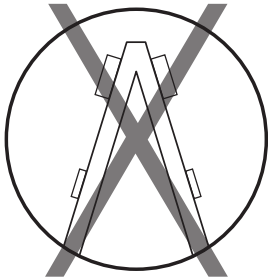
Do not bend LED Strip sideways.



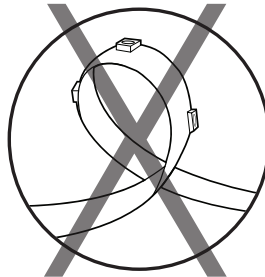
Do not bend LED strips to a diameter less than 1.5 inches.



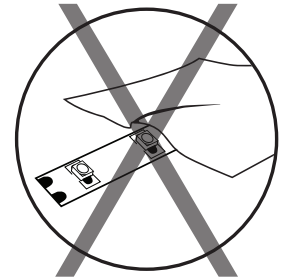
Do not fold or crease LED Strip.



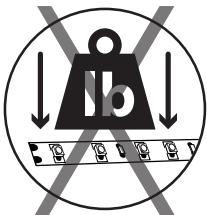
Do not twist LED Strip.



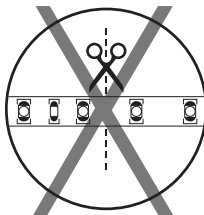
Do not cover LED Strip with anything other than LED Channel Diffusers.



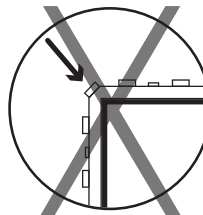
Do not put direct excessive pressure on the LED surface.



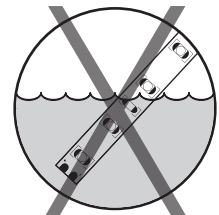
Do not cut LED Strips except at designated cutting points.



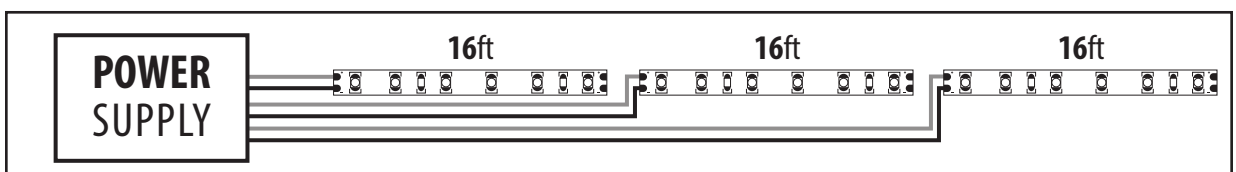
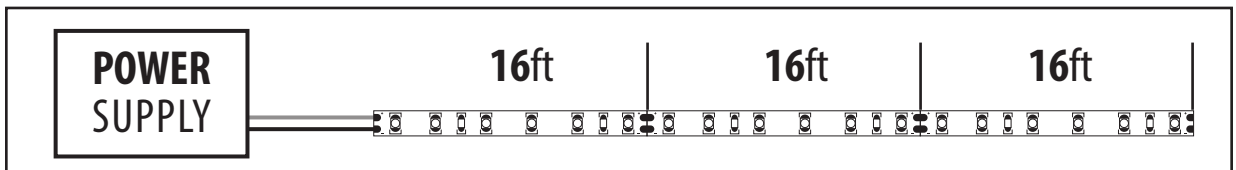
Do not position LED at an angled surface where it is pressed.



Do not submerge LED Strip Lights.



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



5050 WATERPROOF 72W LED STRIP LIGHT SAFETY & WARRANTY

Safety / Disclosures

1. Install in accordance with the proper installation procedure (See pg. 8).
2. Install in accordance with your national or local electrical code regulations.
3. Suitable for wet locations (IP67 Rated).
4. Do not expose to heat more than the specified Temperature ratings.
5. Only install with the required Driver/Power Supply – 24V DC Constant Voltage Driver.
6. Use a separate power feed for each recommended maximum run.
7. Only use cables that are certified for use with external connection of electrical equipment and rated for at least 80°C (176°F)
8. Do not mishandle product or modify beyond the guidelines given as this may void product Warranty.
9. Only use with the recommended waterproof accessories and ensure complete waterproofing of any modified sections of the Strip.
10. Only use the recommended waterproof 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** Waterproof 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 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.