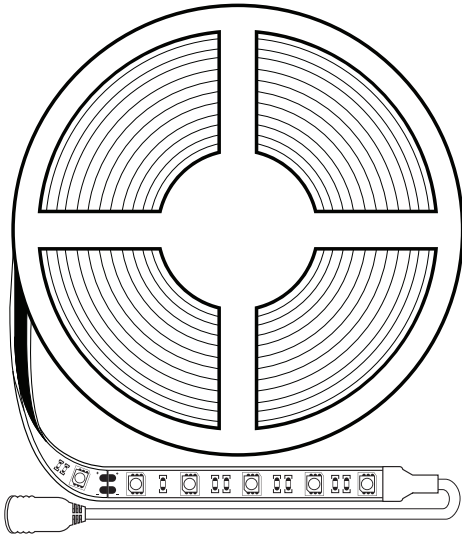


5050 WATERPROOF 36W LED STRIP LIGHT



Product Description

Solid Apollo's 5050 36W LED Strip Lights produce beautiful bright light from 150 LEDs placed within 6.5 inches of each other on a 10mm wide strip. They provide plenty of light while saving energy at the same time and they have a vast range of outdoor applications from decorative to task lighting. The Strips are waterproofed with a high-end Silicon Formula that includes Chemicals that protect against UV Rays from the Sun and other environmental elements. This significantly increases the lifetime of the Strips. Solid Apollo's Waterproof Strips are UL Listed and 100% waterproof with an IP67 rating.

Solid Apollo's Waterproof 5050 36W Strips have a built-in heavy-duty double-sided tape that enables them 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 6.5 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).

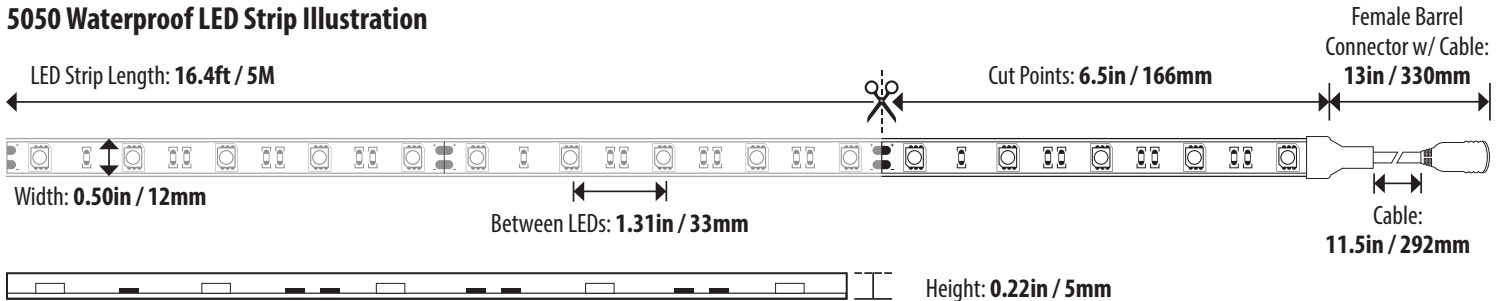
150 LEDs
16.4ft

**UP TO 180+
LUMENS / FT**

Quick Spec.

- **Fully Dimmable:** Yes
- **Voltage:** 24V DC
- **Total Wattage:** 36W
- **Beam Angle:** 120°
- **UL Listing #:** E493881
- **PCB Width:** 12mm / 0.50in
- **Dimensions:** 196.8in x 0.50in x 0.22in
- **Working Temperature:** -40° to 122°F

5050 Waterproof LED Strip Illustration



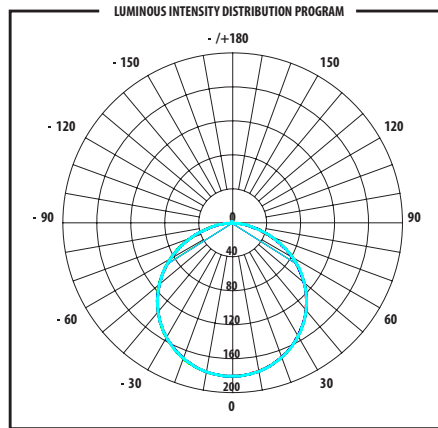
Technical Information

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-5050-150-IP67-24V	2400K	150	96	36W	SMD 5050	82+	6.5in / 166mm
Super Warm White	SA-LS-SWW-5050-150-IP67-24V	2700K	150	155	36W	SMD 5050	82+	6.5in / 166mm
Warm White	SA-LS-WW-5050-150-IP67-24V	3100K	150	155	36W	SMD 5050	82+	6.5in / 166mm
Daylight White	SA-LS-DLW-5050-150-IP67-24V	4000K	150	164	36W	SMD 5050	82+	6.5in / 166mm
Natural White	SA-LS-NW-5050-150-IP67-24V	5000K	150	173	36W	SMD 5050	82+	6.5in / 166mm
White	SA-LS-W-5050-150-IP67-24V	6000K	150	182	36W	SMD 5050	82+	6.5in / 166mm
Red	SA-LS-RE-5050-150-IP67-24V	N/A	150	N/A	36W	SMD 5050	N/A	6.5in / 166mm
Green	SA-LS-GR-5050-150-IP67-24V	N/A	150	N/A	36W	SMD 5050	N/A	6.5in / 166mm
Blue	SA-LS-BL-5050-150-IP67-24V	N/A	150	N/A	36W	SMD 5050	N/A	6.5in / 166mm
Amber	SA-LS-AM-5050-150-IP67-24V	2100K	150	N/A	36W	SMD 5050	N/A	6.5in / 166mm

5050 WATERPROOF 36W LED STRIP LIGHT PHOTOMETRICS

Candlelight Warm White (2400K)

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



AVERAGE BEAM ANGLE (50%): 115.5 DEG

UNIT: cd

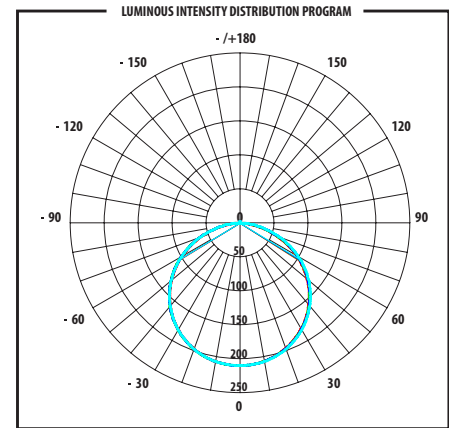
— C0 / 180, 115.3 — C60 / 240, 115.5
— C30 / 210, 115.8 — C90 / 270, 115.6

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	178.2	178.4	178.4	178.5	178.5	178.5	178.4	178.4	0 - 10
20	169.5	169.8	169.9	169.9	169.8	169.9	169.9	169.8	10 - 20
30	155.4	155.7	155.7	155.9	155.7	155.9	155.7	155.7	20 - 30
40	136.0	136.3	136.4	136.7	136.4	136.7	136.4	136.3	30 - 40
50	111.8	112.2	112.3	112.6	112.3	112.6	112.3	112.2	40 - 50
60	83.30	83.78	84.08	84.36	83.88	84.36	84.08	83.78	50 - 60
70	51.81	52.31	52.71	52.98	52.46	52.98	52.71	52.31	60 - 70
80	21.06	21.78	22.32	22.37	21.81	22.37	22.32	21.78	70 - 80
90	1.017	2.822	3.506	2.811	0.6452	2.811	3.506	2.822	80 - 90
100	0.3504	0.3507	0.5099	0.3545	0.3741	0.3545	0.5099	0.3507	90 - 100
110	0.7645	0.7487	0.7972	0.7289	0.7803	0.7289	0.7972	0.7487	100 - 110
120	1.123	1.155	1.243	1.147	1.147	1.147	1.243	1.155	110 - 120
130	1.410	1.534	1.618	1.502	1.458	1.502	1.618	1.534	120 - 130
140	1.633	1.856	1.881	1.801	1.657	1.801	1.881	1.856	130 - 140
150	1.864	2.115	2.080	2.000	1.888	2.000	2.080	2.115	140 - 150
160	2.071	2.307	2.343	2.155	2.127	2.155	2.343	2.307	150 - 160
170	2.366	2.482	2.598	2.343	2.398	2.343	2.598	2.482	160 - 170
180	2.653	2.657	2.916	2.709	2.669	2.709	2.916	2.657	170 - 180

Height	E avg, E max	Angle: 115.27 deg	Diameter
0.3m	554.8, 2015 lx		94.67cm
2m	12.48, 45.34 lx		631.14cm
3m	5.548, 20.15 lx		946.71cm
4m	3.121, 11.34 lx		1262.27cm
5m	1.997, 7.255 lx		1577.84cm
6m	1.387, 5.038 lx		1893.41cm
7m	1.019, 3.701 lx		2208.98cm
8m	0.7802, 2.834 lx		2524.55cm
9m	0.6165, 2.239 lx		2840.12cm
10m	0.4993, 1.814 lx		3155.68cm

Super Warm White (2700K)

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



AVERAGE BEAM ANGLE (50%): 116.8 DEG

UNIT: cd

— C0 / 180, 115.9 — C60 / 240, 117.0
— C30 / 210, 116.9 — C90 / 270, 117.3

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	209.6	209.7	210.0	210.2	210.0	210.2	210.0	209.7	0 - 10
20	199.4	199.9	200.5	200.8	200.4	200.8	200.5	199.9	10 - 20
30	182.8	183.6	184.5	185.0	184.3	185.0	184.5	183.6	20 - 30
40	160.1	161.3	162.5	163.1	162.1	163.1	162.5	161.3	30 - 40
50	131.6	133.2	134.7	135.4	134.1	135.4	134.7	133.2	40 - 50
60	97.93	99.92	101.7	102.4	100.8	102.4	101.7	99.92	50 - 60
70	60.41	62.83	64.90	65.41	63.42	65.41	64.90	62.83	60 - 70
80	23.97	26.49	28.51	28.45	25.63	28.45	26.49	23.97	70 - 80
90	0.6222	3.540	4.875	3.585	0.2312	3.585	4.875	3.540	80 - 90
100	0.4859	0.4304	0.4624	0.4145	0.4692	0.4145	0.4624	0.4304	90 - 100
110	0.9794	0.8844	0.9248	0.8723	0.9475	0.8723	0.9248	0.8844	100 - 110
120	1.410	1.394	1.474	1.335	1.378	1.335	1.474	1.394	110 - 120
130	1.761	1.849	1.913	1.801	1.744	1.801	1.913	1.849	120 - 130
140	2.008	2.247	2.231	2.179	1.992	2.179	2.231	2.247	130 - 140
150	2.255	2.566	2.494	2.398	2.247	2.398	2.494	2.566	140 - 150
160	2.518	2.785	2.789	2.573	2.502	2.573	2.789	2.785	150 - 160
170	2.868	3.000	3.084	2.789	2.820	2.789	3.084	3.000	160 - 170
180	3.187	3.183	3.426	3.187	3.163	3.187	3.426	3.183	170 - 180

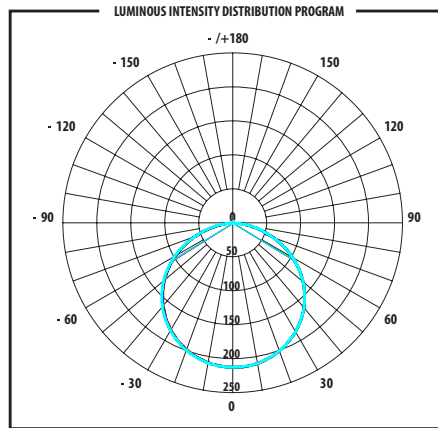
Height	E avg, E max	Angle: 115.92 deg	Diameter
0.3m	658.3, 2369 lx		95.87cm
2m	14.81, 53.31 lx		639.13cm
3m	6.583, 23.69 lx		958.69cm
4m	3.703, 13.33 lx		1278.25cm
5m	2.370, 8.529 lx		1597.81cm
6m	1.646, 5.923 lx		1917.38cm
7m	1.209, 4.352 lx		2236.94cm
8m	0.9257, 3.332 lx		2556.50cm
9m	0.7315, 2.632 lx		2876.07cm
10m	0.5925, 2.132 lx		3195.63cm

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

5050 WATERPROOF 36W LED STRIP LIGHT PHOTOMETRICS

Warm White (3100K)

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



AVERAGE BEAM ANGLE (50%): 116.9 DEG

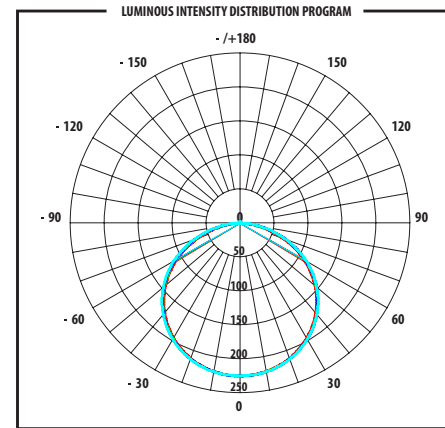
UNIT: cd

— C0 / 180, 116.3 — C60 / 240, 117.0
 — C30 / 210, 117.0 — C90 / 270, 117.2

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	210.8	210.4	210.2	210.0	209.8	210.0	210.2	210.4	0 - 10
20	201.2	201.0	200.9	200.4	199.8	200.4	200.9	201.0	10 - 20
30	185.2	185.2	184.9	184.4	183.6	184.4	184.9	185.2	20 - 30
40	163.0	163.2	162.9	162.2	161.2	162.2	162.9	163.2	30 - 40
50	134.9	135.2	134.9	134.1	132.9	134.1	134.9	135.2	40 - 50
60	101.4	101.8	101.5	100.7	99.38	100.7	101.5	101.8	50 - 60
70	63.55	64.14	64.01	63.06	61.64	63.06	64.01	64.14	60 - 70
80	25.85	26.64	26.90	25.76	24.34	25.76	26.90	26.64	70 - 80
90	0.8478	2.978	3.354	2.405	0.5648	2.405	3.354	2.978	80 - 90
100	0.4615	0.4263	0.4626	0.4143	0.4774	0.4143	0.4626	0.4263	90 - 100
110	0.9554	0.9084	0.9883	0.8885	0.9793	0.8885	0.9883	0.9084	100 - 110
120	1.394	1.410	1.514	1.386	1.426	1.386	1.514	1.410	110 - 120
130	1.737	1.868	1.961	1.848	1.753	1.848	1.961	1.868	120 - 130
140	2.000	2.263	2.271	2.199	2.016	2.199	2.271	2.263	130 - 140
150	2.255	2.570	2.518	2.418	2.255	2.418	2.518	2.570	140 - 150
160	2.518	2.793	2.813	2.585	2.518	2.585	2.813	2.793	150 - 160
170	2.884	3.008	3.100	2.789	2.828	2.789	3.100	3.008	160 - 170
180	3.187	3.195	3.434	3.199	3.163	3.199	3.434	3.195	170 - 180

Daylight White (4000K)

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

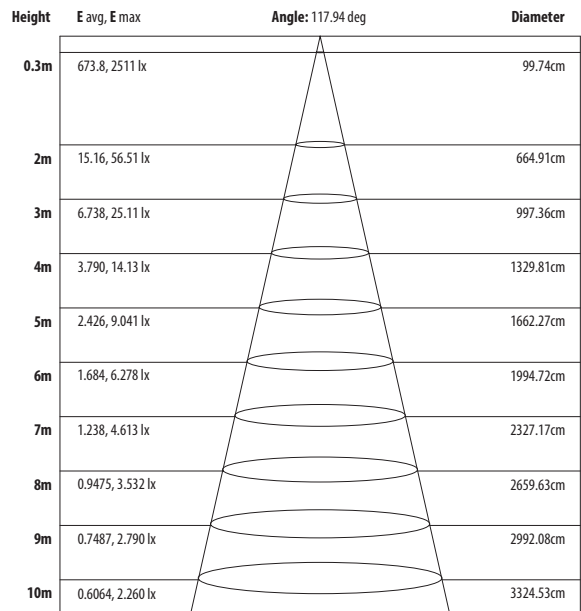
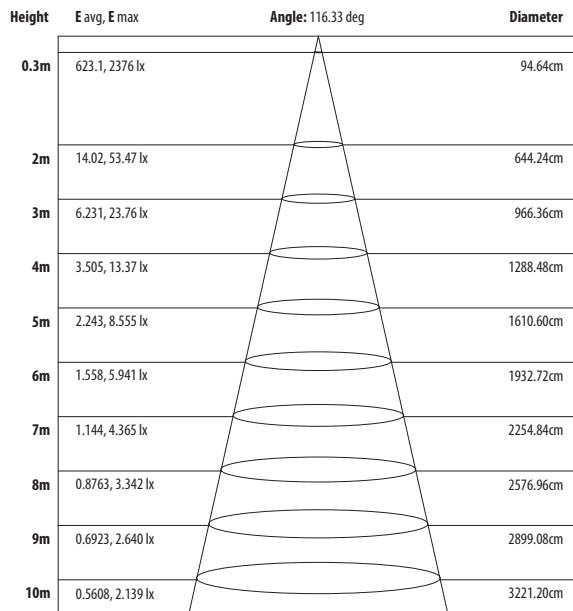


AVERAGE BEAM ANGLE (50%): 119.5 DEG

UNIT: cd

— C0 / 180, 117.9 — C60 / 240, 120.1
 — C30 / 210, 119.5 — C90 / 270, 120.6

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	222.7	223.3	223.4	223.3	222.8	223.3	223.4	223.3	0 - 10
20	213.0	214.3	214.5	214.1	213.0	214.1	214.5	214.3	10 - 20
30	197.0	198.7	199.0	198.4	196.7	198.4	199.0	198.7	20 - 30
40	174.4	176.7	177.1	176.0	173.7	176.0	177.1	176.7	30 - 40
50	145.3	148.1	148.6	147.1	144.2	147.1	148.6	148.1	40 - 50
60	109.9	113.3	113.9	112.0	108.3	112.0	113.9	113.3	50 - 60
70	69.39	73.44	74.18	71.77	67.36	71.77	74.18	73.44	60 - 70
80	28.58	32.35	33.24	30.80	26.62	30.80	33.24	32.35	70 - 80
90	0.9401	4.362	5.256	3.640	0.6076	3.640	5.256	4.362	80 - 90
100	0.5093	0.4621	0.4941	0.4302	0.5727	0.4302	0.4941	0.4621	90 - 100
110	1.043	0.9879	1.004	0.9401	1.099	0.9401	1.004	0.9879	100 - 110
120	1.529	1.526	1.602	1.458	1.553	1.458	1.602	1.526	110 - 120
130	1.896	2.020	2.088	1.980	1.912	1.980	2.088	2.020	120 - 130
140	2.159	2.438	2.438	2.354	2.167	2.354	2.438	2.438	130 - 140
150	2.414	2.757	2.693	2.597	2.438	2.597	2.693	2.757	140 - 150
160	2.693	2.984	3.012	2.741	2.709	2.741	3.012	2.984	150 - 160
170	3.051	3.219	3.315	2.980	3.043	2.980	3.315	3.219	160 - 170
180	3.410	3.414	3.665	3.394	3.386	3.394	3.665	3.414	170 - 180

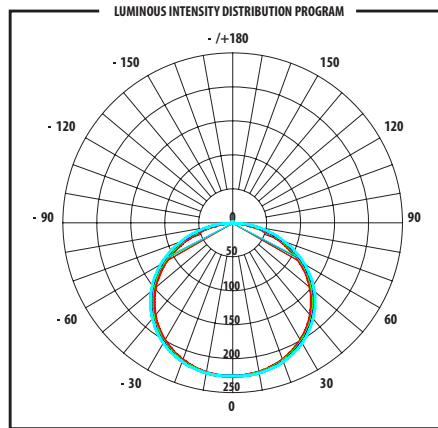


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

5050 WATERPROOF 36W LED STRIP LIGHT PHOTOMETRICS

Natural White (5000K)

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



AVERAGE BEAM ANGLE (50%): 123.5 DEG

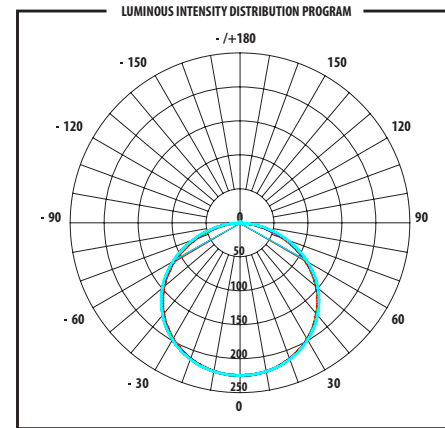
UNIT: cd

CO / 180, 120.4 C60 / 240, 124.9
 C30 / 210, 13.3 C90 / 270, 125.7

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	223.7	224.9	225.4	225.2	224.1	225.2	225.4	224.9	0 - 10
20	215.1	217.5	218.6	217.9	215.4	217.9	218.6	217.5	10 - 20
30	200.3	203.8	205.3	204.2	200.5	204.2	205.3	203.8	20 - 30
40	178.7	183.4	185.4	183.8	178.7	183.8	185.4	183.4	30 - 40
50	150.1	155.9	158.4	156.3	149.9	156.3	158.4	155.9	40 - 50
60	114.3	121.3	124.2	121.6	113.8	121.6	124.2	121.3	50 - 60
70	72.56	80.44	83.75	80.60	71.75	80.60	83.75	80.44	60 - 70
80	30.59	38.02	41.21	37.82	29.71	37.82	41.21	38.02	70 - 80
90	1.052	7.035	9.514	6.736	0.4708	6.736	9.514	7.035	80 - 90
100	0.5968	0.7134	0.9711	0.4422	0.5889	0.4422	0.9711	0.7134	90 - 100
110	1.139	0.9998	1.012	0.9521	1.147	0.9521	1.012	0.9998	100 - 110
120	1.617	1.550	1.586	1.490	1.625	1.490	1.586	1.550	110 - 120
130	2.007	2.060	2.104	2.012	1.983	2.012	2.104	2.060	120 - 130
140	2.247	2.478	2.454	2.382	2.247	2.382	2.454	2.478	130 - 140
150	2.525	2.808	2.709	2.610	2.501	2.610	2.709	2.808	140 - 150
160	2.757	3.024	3.036	2.769	2.749	2.769	3.036	3.024	150 - 160
170	3.115	3.247	3.331	2.996	3.051	2.996	3.331	3.247	160 - 170
180	3.442	3.454	3.697	3.438	3.402	3.438	3.697	3.454	170 - 180

White (6000K)

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

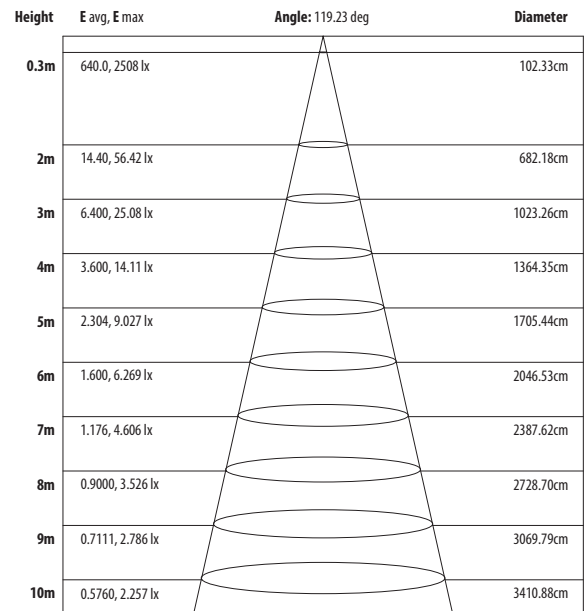
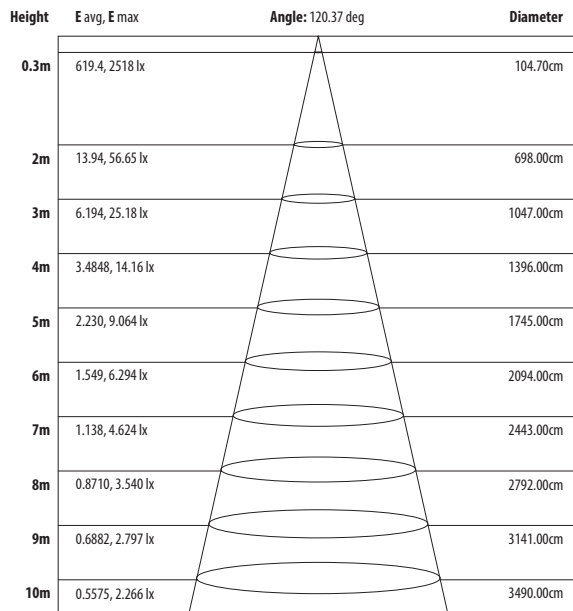


AVERAGE BEAM ANGLE (50%): 120.8 DEG

UNIT: cd

CO / 180, 119.2 C60 / 240, 121.4
 C30 / 210, 120.8 C90 / 270, 121.8

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	222.8	222.7	222.9	222.8	222.5	222.8	222.9	222.7	0 - 10
20	213.7	214.2	214.6	214.4	213.4	214.4	214.6	214.2	10 - 20
30	198.3	199.3	199.9	199.6	198.0	199.6	199.9	199.3	20 - 30
40	176.1	177.8	178.6	178.2	175.9	178.2	178.6	177.8	30 - 40
50	147.2	149.5	150.5	149.9	147.0	149.9	150.5	149.5	40 - 50
60	111.5	114.6	116.0	115.0	111.2	115.0	116.0	114.6	50 - 60
70	70.34	74.04	76.02	74.67	69.95	74.67	76.02	74.04	60 - 70
80	29.19	32.96	35.46	33.73	28.81	33.73	35.46	32.96	70 - 80
90	0.8240	5.230	7.461	5.541	0.6996	5.541	7.461	5.230	80 - 90
100	0.5571	0.4941	0.6214	0.4858	0.5729	0.4858	0.6214	0.4941	90 - 100
110	1.107	1.004	1.044	0.9838	1.099	0.9838	1.044	1.004	100 - 110
120	1.593	1.550	1.550	1.498	1.601	1.498	1.626	1.550	110 - 120
130	1.928	2.044	2.044	2.000	1.936	2.000	2.112	2.044	120 - 130
140	2.183	2.462	2.462	2.374	2.191	2.374	2.446	2.462	130 - 140
150	2.438	2.761	2.761	2.606	2.454	2.606	2.701	2.761	140 - 150
160	2.709	2.992	2.992	2.753	2.701	2.753	3.012	2.992	150 - 160
170	3.059	3.215	3.315	2.976	3.028	2.976	3.315	3.215	160 - 170
180	3.410	3.426	3.681	3.406	3.410	3.406	3.681	3.426	170 - 180

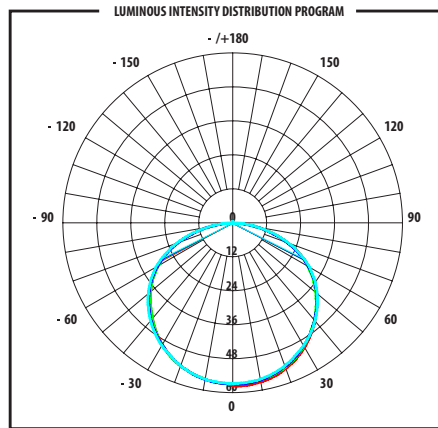


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

5050 WATERPROOF 36W LED STRIP LIGHT PHOTOMETRICS

Red

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

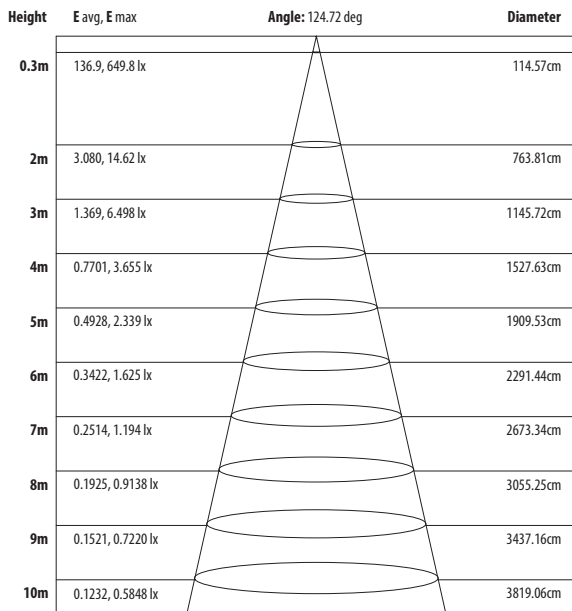


AVERAGE BEAM ANGLE (50%): 125.5 DEG

UNIT: cd

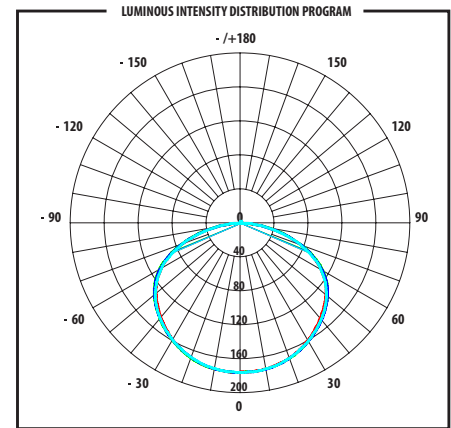
— C0 / 180, 124.7 — C60 / 240, 125.4
— C30 / 210, 125.1 — C90 / 270, 126.7

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	57.86	57.11	56.81	56.90	56.89	56.90	56.81	57.11	0 - 10
20	55.60	54.88	54.47	54.52	54.56	54.52	54.47	54.88	10 - 20
30	51.54	50.90	50.76	50.54	50.46	50.54	50.76	50.90	20 - 30
40	45.87	45.49	45.87	45.14	44.83	45.14	45.87	45.49	30 - 40
50	39.36	39.14	39.63	38.74	38.49	38.74	39.63	39.14	40 - 50
60	31.66	31.23	31.83	31.01	31.08	31.01	31.83	31.23	50 - 60
70	21.55	21.12	21.64	21.06	21.20	21.06	21.64	21.12	60 - 70
80	9.383	9.559	9.943	9.595	9.296	9.595	9.943	9.559	70 - 80
90	0.2299	1.547	2.013	1.304	0.2361	1.304	2.013	1.547	80 - 90
100	0.0238	0.1037	0.2785	0.0439	0.0237	0.0439	0.2785	0.1037	90 - 100
110	0.1751	0.1912	0.2313	0.1634	0.1752	0.1634	0.2313	0.1912	100 - 110
120	0.2946	0.3227	0.3746	0.3067	0.2945	0.3067	0.3746	0.3227	110 - 120
130	0.3586	0.4342	0.4942	0.4222	0.3506	0.4222	0.4942	0.4342	120 - 130
140	0.4064	0.5299	0.5657	0.5179	0.4221	0.5179	0.5657	0.5299	130 - 140
150	0.4781	0.5975	0.6216	0.5538	0.4781	0.5538	0.6216	0.5975	140 - 150
160	0.5497	0.6494	0.7012	0.5936	0.5575	0.5936	0.7012	0.6494	150 - 160
170	0.6294	0.6971	0.7571	0.6534	0.6373	0.6534	0.7571	0.6971	160 - 170
180	0.7569	0.7291	0.7968	0.7410	0.7410	0.7410	0.7968	0.7291	170 - 180



Green

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

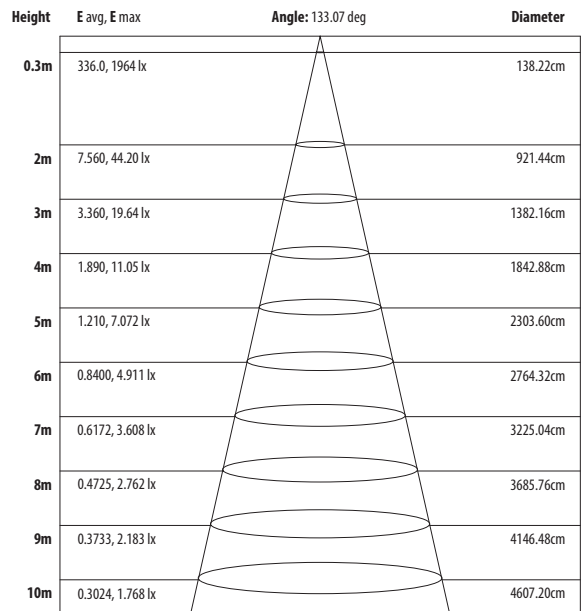


AVERAGE BEAM ANGLE (50%): 133.6 DEG

UNIT: cd

— C0 / 180, 133.2 — C60 / 240, 133.8
— C30 / 210, 134.4 — C90 / 270, 133.1

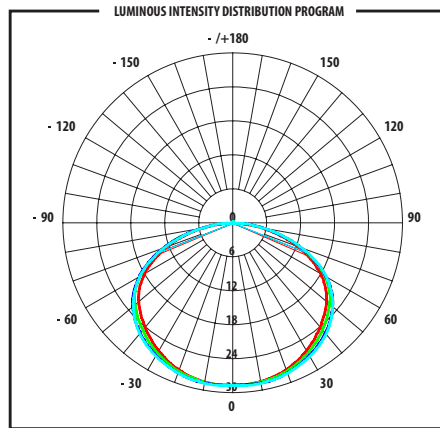
DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	174.9	175.2	175.1	175.4	175.5	175.4	175.1	175.2	0 - 10
20	169.6	170.0	169.6	170.3	170.2	170.3	169.6	170.0	10 - 20
30	159.6	161.0	160.5	161.0	160.3	161.0	160.5	161.0	20 - 30
40	146.5	149.2	148.4	148.9	147.1	148.9	148.4	149.2	30 - 40
50	131.6	134.6	132.4	134.3	131.3	134.3	132.4	134.6	40 - 50
60	109.6	112.4	109.5	112.3	109.4	112.3	109.5	112.4	50 - 60
70	75.51	77.01	74.86	77.10	75.39	77.10	74.86	77.01	60 - 70
80	33.37	34.04	33.23	33.83	33.37	33.83	33.23	34.04	70 - 80
90	1.352	4.903	5.863	4.027	0.8871	4.027	5.863	4.903	80 - 90
100	0.6211	0.7772	1.082	0.5696	0.6370	0.5696	1.082	0.7772	90 - 100
110	1.131	1.088	1.156	1.083	1.155	1.083	1.156	1.088	100 - 110
120	1.513	1.526	1.618	1.514	1.522	1.514	1.618	1.526	110 - 120
130	1.745	1.861	1.952	1.864	1.745	1.864	1.952	1.861	120 - 130
140	1.888	2.112	2.128	2.072	1.880	2.072	2.128	2.112	130 - 140
150	2.008	2.303	2.271	2.175	2.016	2.175	2.271	2.303	140 - 150
160	2.183	2.430	2.478	2.247	2.191	2.247	2.478	2.430	150 - 160
170	2.430	2.578	2.677	2.410	2.430	2.410	2.677	2.578	160 - 170
180	2.693	2.725	2.924	2.705	2.669	2.705	2.924	2.725	170 - 180



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

Blue

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

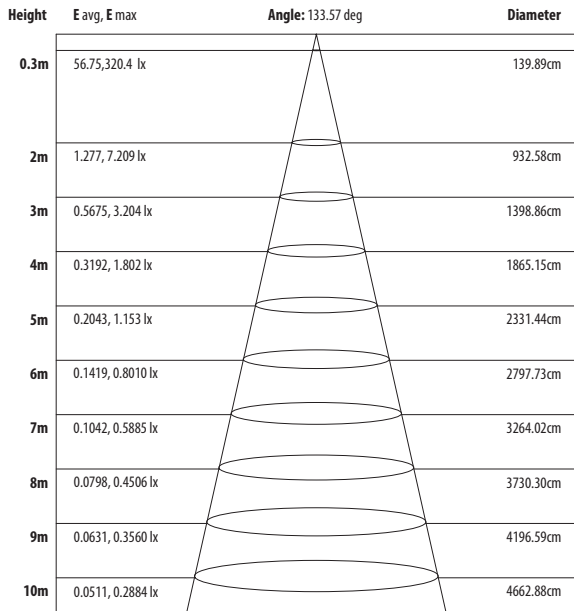


AVERAGE BEAM ANGLE (50%): 135.6 DEG

UNIT: cd

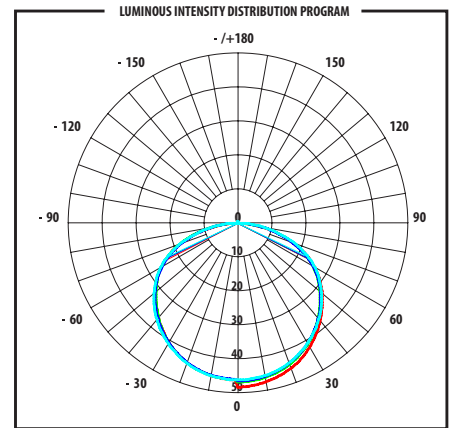
— C0 / 180, 133.6 — C60 / 240, 136.4
— C30 / 210, 136.4 — C90 / 270, 136.1

DEG.		Luminous Intensity: cd								DEG.	
g	C0	C45	C90	C135	C180	C225	C270	C315	g		
10	28.56	28.76	28.88	28.78	28.64	28.78	28.88	28.76	0 - 10		
20	27.67	28.17	28.37	28.21	27.82	28.21	28.37	28.17	10 - 20		
30	26.17	26.92	27.34	27.00	26.29	27.00	27.34	26.92	20 - 30		
40	24.11	25.18	25.71	25.31	24.27	25.31	25.71	25.18	30 - 40		
50	21.72	22.92	23.12	23.16	21.87	23.16	23.12	22.92	40 - 50		
60	17.98	19.19	19.17	19.52	18.20	19.52	19.17	19.19	50 - 60		
70	12.18	13.16	13.14	13.56	12.52	13.56	13.14	13.16	60 - 70		
80	5.338	5.989	6.098	6.299	5.649	6.299	6.098	5.989	70 - 80		
90	0.0833	0.6937	0.9220	0.7377	0.0126	0.7377	0.9220	0.6937	80 - 90		
100	0	0.0042	0.0319	0.0000	0	0.0000	0.0319	0.0042	90 - 100		
110	0.0317	0.0479	0.0878	0.0438	0.0237	0.0438	0.0878	0.0479	100 - 110		
120	0.1116	0.1394	0.1754	0.1315	0.0876	0.1315	0.1754	0.1394	110 - 120		
130	0.1273	0.1833	0.2469	0.1793	0.1195	0.1793	0.2469	0.1833	120 - 130		
140	0.1355	0.2430	0.2709	0.2391	0.1434	0.2391	0.2709	0.2430	130 - 140		
150	0.1991	0.2590	0.2869	0.2470	0.2072	0.2470	0.2869	0.2590	140 - 150		
160	0.2310	0.2709	0.3187	0.2590	0.2311	0.2590	0.3187	0.2709	150 - 160		
170	0.2311	0.2829	0.3507	0.2670	0.2311	0.2670	0.3507	0.2829	160 - 170		
180	0.2868	0.3028	0.3825	0.3227	0.3028	0.3227	0.3825	0.3028	170 - 180		



Amber

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

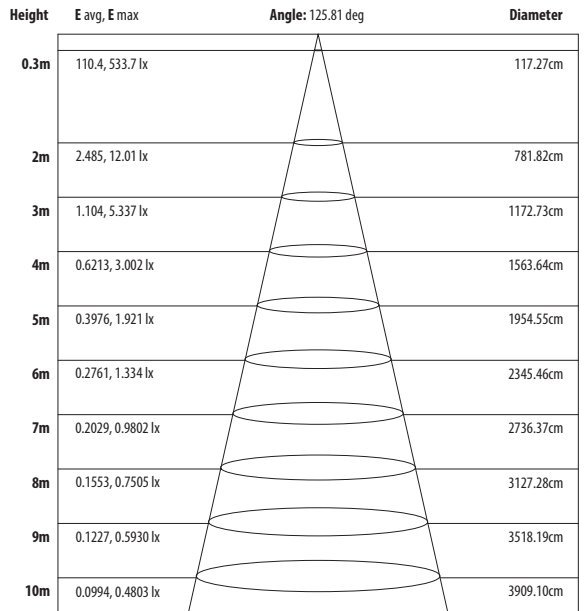


AVERAGE BEAM ANGLE (50%): 127.2 DEG

UNIT: cd

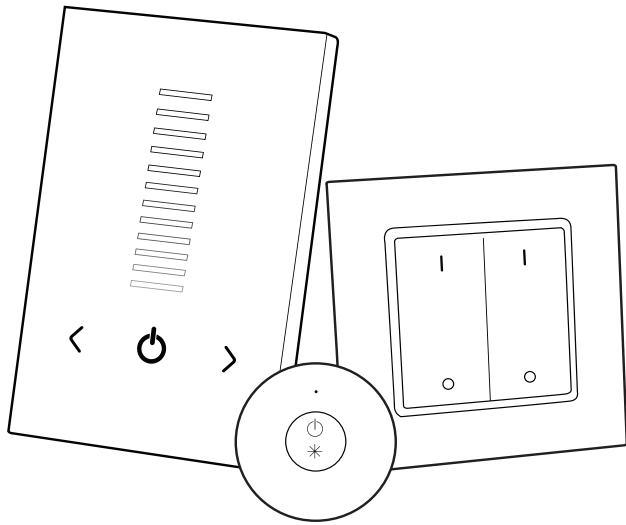
— C0 / 180, 125.8 — C60 / 240, 127.1
— C30 / 210, 127.2 — C90 / 270, 128.8

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	47.24	45.66	45.36	45.24	45.31	45.24	45.36	45.66	0 - 10
20	45.32	43.85	43.65	43.45	43.53	43.45	43.65	43.85	10 - 20
30	42.06	40.78	40.76	40.42	40.42	40.42	40.76	40.78	20 - 30
40	37.49	36.57	36.91	36.22	36.20	36.22	36.91	36.57	30 - 40
50	32.32	31.44	32.08	31.34	31.50	31.34	32.08	31.44	40 - 50
60	26.21	25.39	26.22	25.71	26.01	25.71	26.22	25.39	50 - 60
70	17.78	17.39	18.15	17.95	18.10	17.95	18.15	17.39	60 - 70
80	7.676	7.993	8.526	8.527	8.170	8.527	8.526	7.993	70 - 80
90	0.2117	1.204	1.567	1.208	0.3093	1.208	1.567	1.204	80 - 90
100	0	0.1236	0.1353	0.0279	0	0.0279	0.1353	0.1236	90 - 100
110	0.1273	0.1235	0.1674	0.1236	0.0954	0.1236	0.1674	0.1235	100 - 110
120	0.2071	0.2550	0.2630	0.2228	0.2150	0.2228	0.2630	0.2550	110 - 120
130	0.2629	0.3187	0.3666	0.3067	0.2468	0.3067	0.3666	0.3187	120 - 130
140	0.3425	0.3905	0.4223	0.3865	0.3107	0.3865	0.4223	0.3905	130 - 140
150	0.3506	0.4462	0.4623	0.4103	0.3426	0.4103	0.4623	0.4462	140 - 150
160	0.4142	0.5179	0.5260	0.4303	0.3982	0.4303	0.5260	0.5179	150 - 160
170	0.4781	0.5219	0.5817	0.4979	0.4701	0.4979	0.5817	0.5219	160 - 170
180	0.5976	0.5458	0.6374	0.5338	0.5179	0.5338	0.6374	0.5458	170 - 180

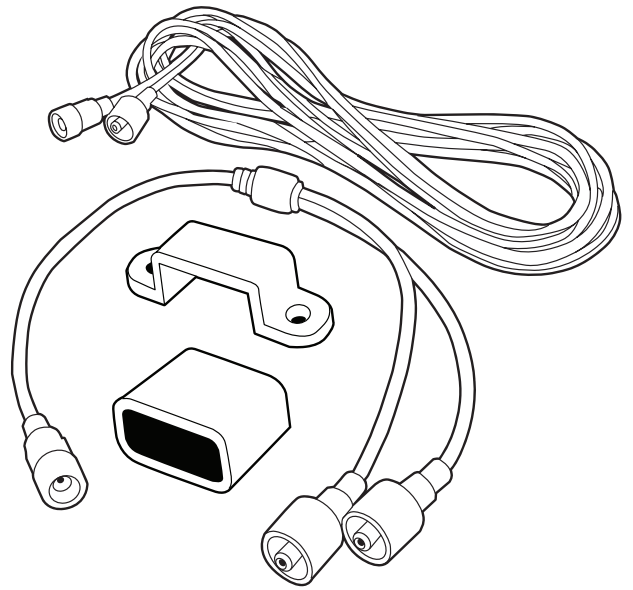


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

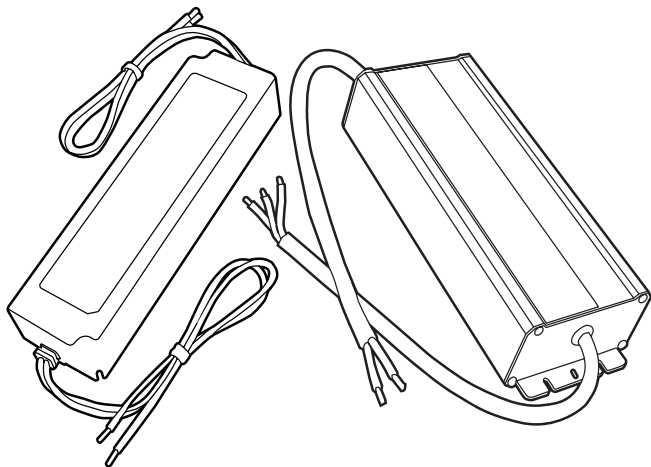
Dimmers



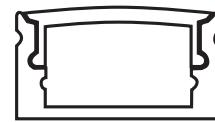
LED Strip Connectors



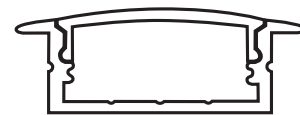
Power Supplies



LED Strip Channels



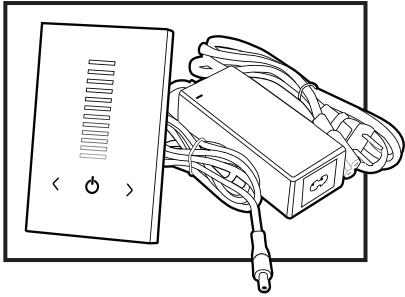
T12



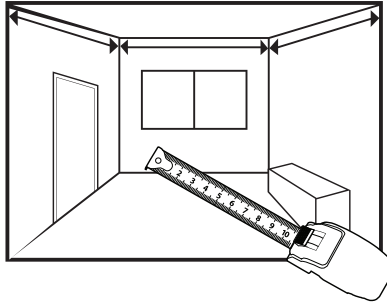
T20

5050 WATERPROOF 36W LED STRIP LIGHT INSTALLATION GUIDE

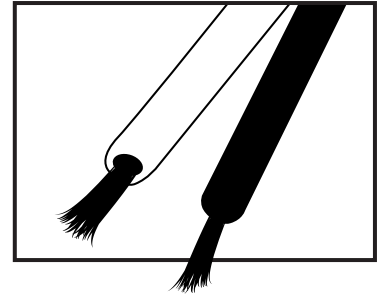
1. Determine where to install the Driver and optional Dimmer.



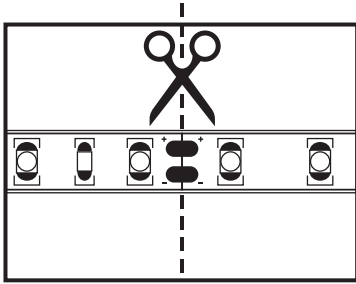
2. Determine the measurement of area where LED Strip Lights will be placed.



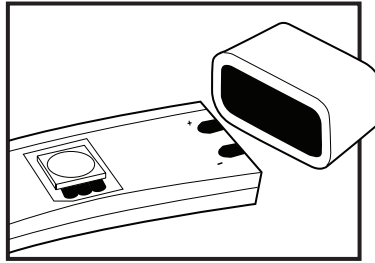
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



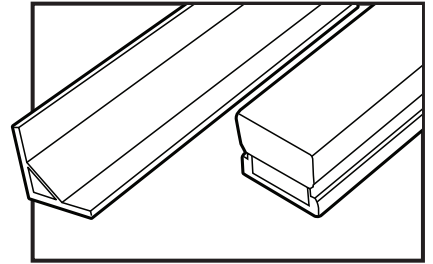
4. A. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.



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



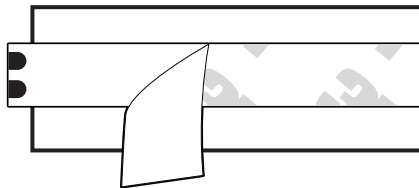
5. If using Channels, cut or extend them to fit size of the installation area



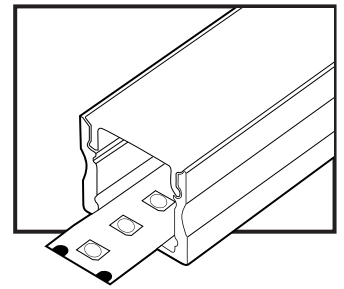
6. Thoroughly clean the surface where the LED Strip will be mounted.



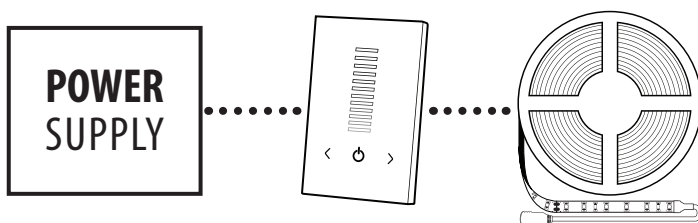
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



- 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.

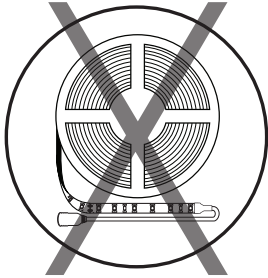


9. Power up and enjoy!

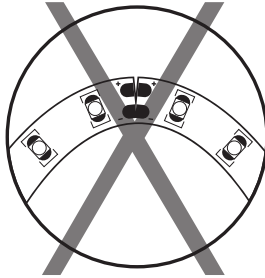
Note: If you have questions and concerns regarding the installation process. Please feel free to contact us at 425.582.7533. We will gladly assist you.

5050 WATERPROOF 36W LED STRIP LIGHT WARNINGS

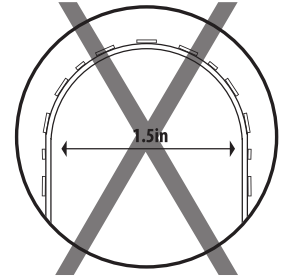
Do not power LED Strip still coiled in spool.



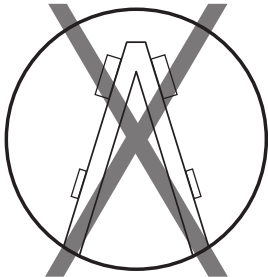
Do not bend LED Strip sideways.



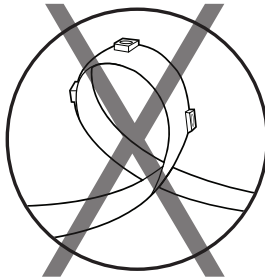
Do not bend LED strips to a diameter less than 1.5 inches.



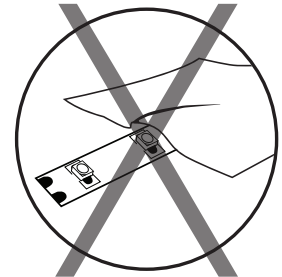
Do not fold or crease LED Strip.



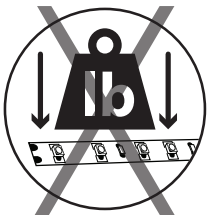
Do not twist LED Strip.



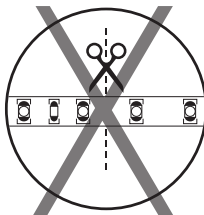
Do not cover LED Strip with anything other than LED Channel Diffusers.



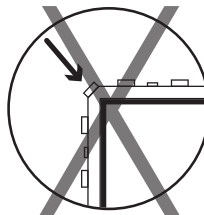
Do not put direct excessive pressure on the LED surface.



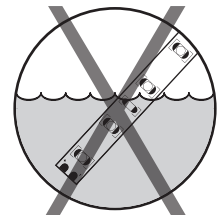
Do not cut LED Strips except at designated cutting points.



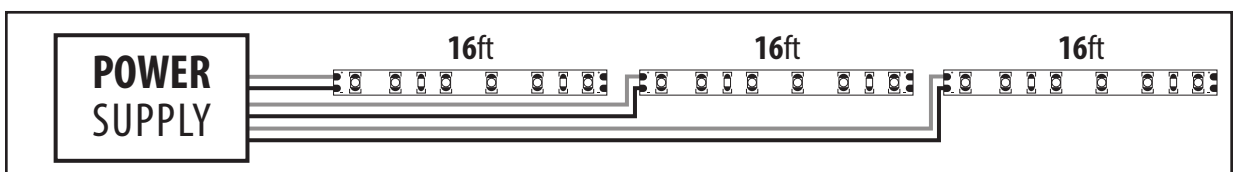
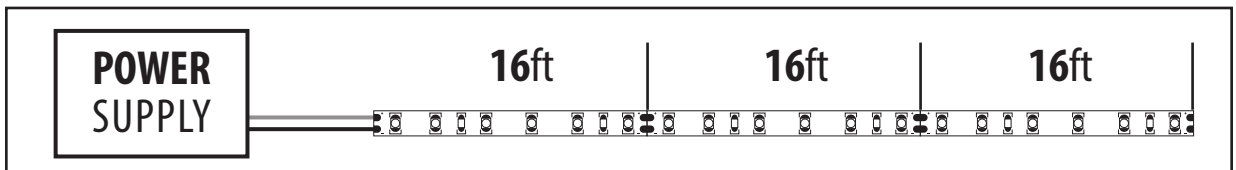
Do not position LED at an angled surface where it is pressed.



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 36W 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 36W 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.