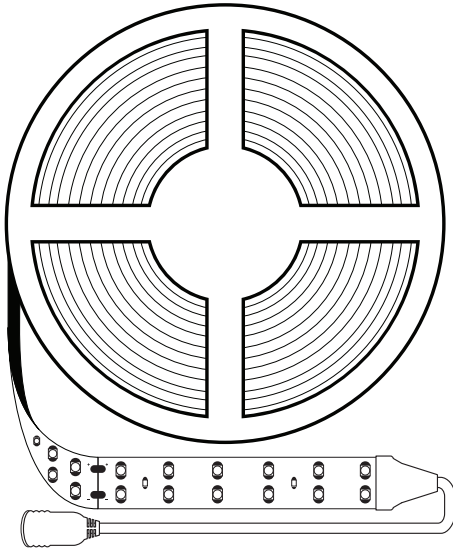




DATA SHEET

3528 96W DOUBLE ROW LED STRIP LIGHT



1200 LEDs
16.4ft

**UP TO 540+
LUMENS / FT**

Product Description

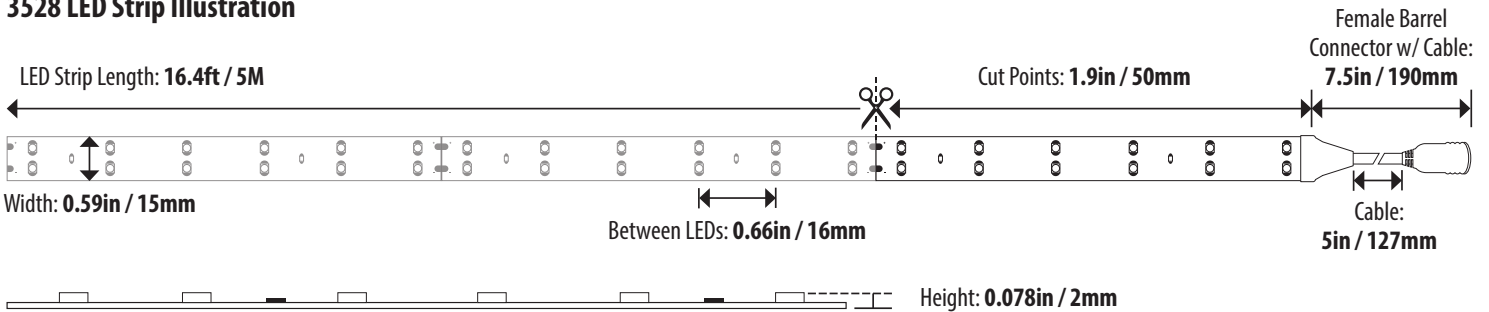
Solid Apollo's powerful double-row 3528 LED Strip Lights have an incredible 1200 LEDs on a 16.4ft spool. The 3528 LED Strip Lights produce an intensive and stunningly bright light that is fully dimmable, thereby giving you an extremely wide range of application. Solid Apollo's double-row Strips can be used for both decorative and task lighting. They are qualitatively designed to last and offer great features including:

- UL certified for Safety and Durability.
- Fully adjustable brightness using a wide range of compatible Dimmers.
- Easy installation with an already mounted 3M double sided tape.
- Incredibly close cutting points (every 1.97 inches) that are field cuttable.
- Built-in Barrel connector for easy plug-and-play with compatible Power Supply.
- Variety of colors and white color temperatures to choose from (see table below).

Quick Spec.

• Fully Dimmable:	Yes	• UL Listing #:	E493881
• Voltage:	24V DC	• PCB Width:	15mm / 0.59in
• Total Wattage:	96W	• Dimensions:	196.8in x 0.59in x 0.078in
• Beam Angle:	120°	• Working Temperature:	-40° to 122°F

3528 LED Strip Illustration



Technical Information

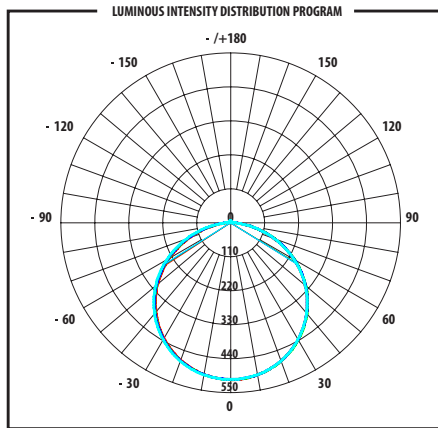
Available LED Color	SKU#	Temp (K)	Total LEDs	Lumens / Ft.	Max Wattage	LED Type	Color Rendering Index	Minimum Cut
Candlelight Warm White	SA-LS-CLWW-3528-1200-24V	2400K	1200	256	96W	SMD 3528	82+	1.97in / 50mm
Super Warm White	SA-LS-SWW-3528-1200-24V	2700K	1200	439	96W	SMD 3528	82+	1.97in / 50mm
Warm White	SA-LS-WW-3528-1200-24V	3100K	1200	475	96W	SMD 3528	82+	1.97in / 50mm
Daylight White	SA-LS-DLW-3528-1200-24V	4000K	1200	548	96W	SMD 3528	82+	1.97in / 50mm
Natural White	SA-LS-NW-3528-1200-24V	5000K	1200	548	96W	SMD 3528	82+	1.97in / 50mm
White	SA-LS-W-3528-1200-24V	6000K	1200	548	96W	SMD 3528	82+	1.97in / 50mm
Red	SA-LS-RE-3528-1200-24V	N/A	1200	N/A	96W	SMD 3528	N/A	1.97in / 50mm
Green	SA-LS-GR-3528-1200-24V	N/A	1200	N/A	96W	SMD 3528	N/A	1.97in / 50mm
Blue	SA-LS-BL-3528-1200-24V	N/A	1200	N/A	96W	SMD 3528	N/A	1.97in / 50mm
Amber	SA-LS-AM-3528-1200-24V	2100K	1200	N/A	96W	SMD 3528	N/A	1.97in / 50mm

DATA SHEET

3528 96W DOUBLE ROW LED STRIP LIGHT PHOTOMETRICS

CandleLight Warm White (2400K)

SKU: SA-LS-NW-3528-1200-24V

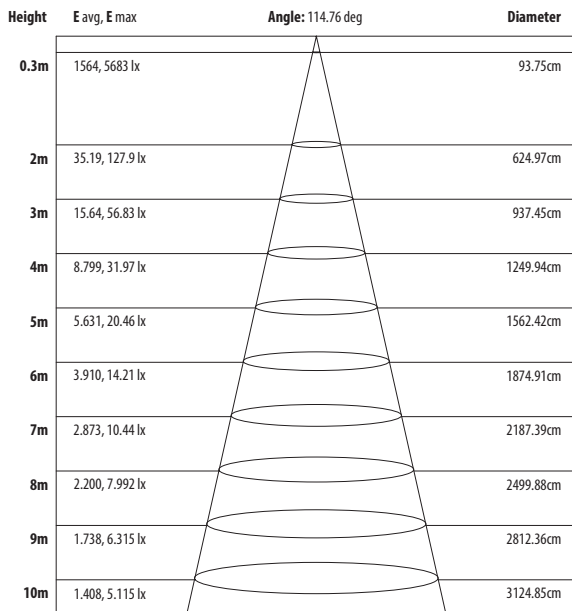


AVERAGE BEAM ANGLE (50%): 115.6 DEG

UNIT: cd

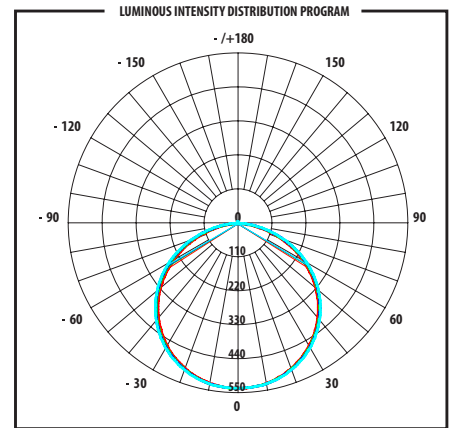
— C0 / 180, 114.8 — C60 / 240, 115.8
— C30 / 210, 115.7 — C90 / 270, 116.2

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	503.8	503.4	502.8	502.2	501.3	502.2	502.8	503.4	0 - 10
20	479.9	480.4	479.8	477.6	475.7	477.6	479.8	480.4	10 - 20
30	440.4	441.2	439.8	437.3	434.4	437.3	439.8	441.2	20 - 30
40	386.2	387.4	385.9	382.3	378.3	382.3	385.9	387.4	30 - 40
50	318.5	320.3	318.3	313.9	309.0	313.9	318.3	320.3	40 - 50
60	239.5	241.6	239.2	234.0	228.2	234.0	239.2	241.6	50 - 60
70	151.1	154.0	151.5	145.2	138.3	145.2	151.5	154.0	60 - 70
80	63.30	67.07	65.29	58.45	51.14	58.45	65.29	67.07	70 - 80
90	2.454	9.739	9.814	5.251	0.9191	5.251	9.814	9.739	80 - 90
100	1.250	1.311	1.474	1.219	1.425	1.219	1.474	1.311	90 - 100
110	2.397	2.271	2.383	2.306	2.588	2.306	2.383	2.271	100 - 110
120	3.457	3.438	3.634	3.426	3.640	3.426	3.634	3.438	110 - 120
130	4.286	4.546	4.702	4.534	4.421	4.534	4.702	4.546	120 - 130
140	4.931	5.510	5.482	5.390	5.051	5.390	5.482	5.510	130 - 140
150	5.553	6.251	6.088	5.928	5.656	5.928	6.088	6.251	140 - 150
160	6.230	6.809	6.829	6.334	6.278	6.334	6.829	6.809	150 - 160
170	7.082	7.370	7.522	6.856	7.035	6.856	7.522	7.370	160 - 170
180	7.872	7.900	8.534	7.832	7.761	7.832	8.534	7.900	170 - 180



Super Warm White (2700K)

SKU: SA-LS-SWW-3528-1200-24V

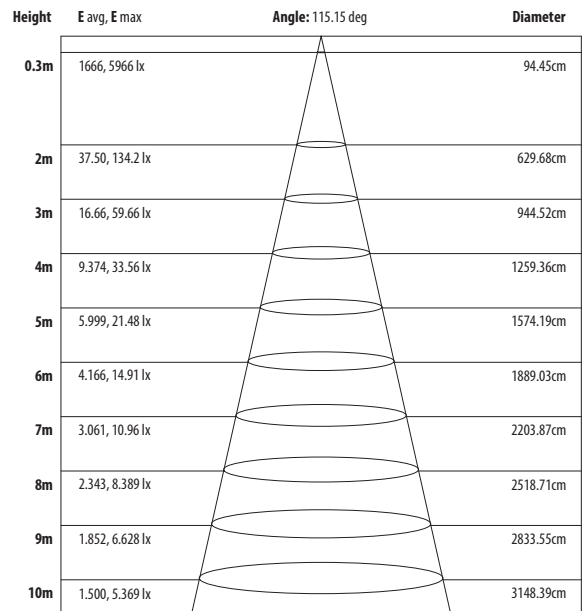


AVERAGE BEAM ANGLE (50%): 117.4 DEG

UNIT: cd

— C0 / 180, 115.1 — C60 / 240, 118.2
— C30 / 210, 117.3 — C90 / 270, 118.9

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	528.5	529.3	529.8	529.2	527.1	529.2	529.8	529.3	0 - 10
20	503.2	506.3	507.5	506.1	501.4	506.1	507.8	506.3	10 - 20
30	461.6	466.8	468.8	466.5	459.5	466.5	468.8	466.8	20 - 30
40	404.5	411.6	414.3	411.0	401.9	411.0	414.3	411.6	30 - 40
50	333.2	341.9	345.0	340.9	329.9	340.9	345.0	341.9	40 - 50
60	249.0	259.0	262.6	257.3	245.1	257.3	262.6	259.0	50 - 60
70	155.4	166.4	170.3	164.4	150.8	164.4	170.3	166.4	60 - 70
80	63.82	74.46	78.81	72.29	59.07	72.29	78.81	74.46	70 - 80
90	2.763	12.24	15.82	10.54	0.7368	10.54	15.82	12.24	80 - 90
100	1.401	1.387	1.513	1.203	1.465	1.203	1.513	1.387	90 - 100
110	2.612	2.346	2.375	2.306	2.684	2.306	2.375	2.346	100 - 110
120	3.728	3.577	3.690	3.478	3.784	3.478	3.690	3.577	110 - 120
130	4.605	4.741	4.822	4.657	4.620	4.657	4.822	4.741	120 - 130
140	5.258	5.768	5.666	5.574	5.274	5.574	5.666	5.768	130 - 140
150	5.927	6.554	6.327	6.155	5.927	6.155	6.327	6.554	140 - 150
160	6.605	7.155	7.124	6.801	6.596	6.801	7.124	7.155	150 - 160
170	7.480	7.757	7.873	7.167	7.377	7.167	7.873	7.757	160 - 170
180	8.303	8.318	8.884	8.219	8.143	8.219	8.884	8.318	170 - 180



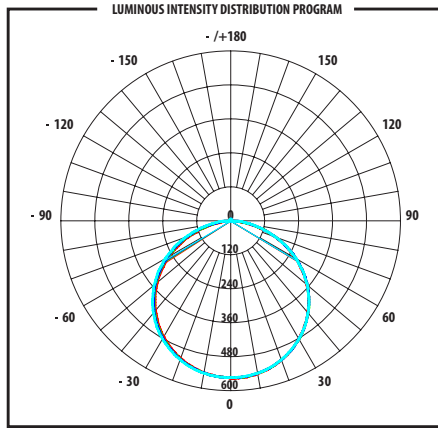
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

DATA SHEET

3528 96W DOUBLE ROW LED STRIP LIGHT PHOTOMETRICS

Warm White (3100K)

SKU: SA-LS-WW-3528-1200-24V

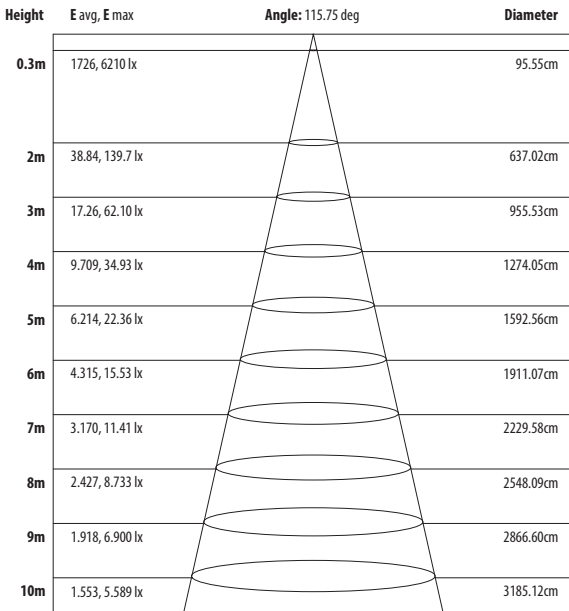


AVERAGE BEAM ANGLE (50%): 117.1 DEG

UNIT: cd

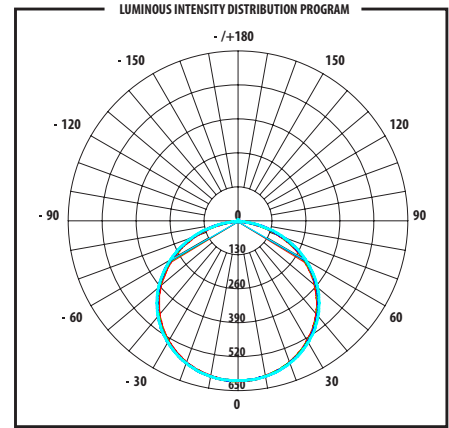
— C0 / 180, 115.8 — C60 / 240, 117.5
— C30 / 210, 117.1 — C90 / 270, 118.1

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	551.0	549.7	548.8	548.1	564.5	548.1	548.8	549.7	0 - 10
20	526.2	525.9	525.0	523.1	519.6	523.1	525.0	525.9	10 - 20
30	484.5	485.2	484.5	481.2	475.8	481.2	484.5	485.2	20 - 30
40	426.7	428.1	427.3	422.9	416.1	422.9	427.3	428.1	30 - 40
50	353.5	355.8	355.0	349.4	341.4	349.4	355.0	355.8	40 - 50
60	266.8	270.0	269.0	262.1	252.8	262.1	269.0	270.0	50 - 60
70	169.7	173.5	172.7	164.6	154.2	164.6	172.7	173.5	60 - 70
80	71.13	76.65	78.21	68.87	57.63	68.87	78.21	76.65	70 - 80
90	2.937	13.90	18.72	10.97	1.757	10.97	18.72	13.90	80 - 90
100	1.425	1.916	4.148	1.354	1.624	1.354	4.148	1.916	90 - 100
110	2.684	2.561	2.678	2.542	2.915	2.542	2.678	2.561	100 - 110
120	3.855	3.836	4.025	3.792	4.062	3.792	4.025	3.836	110 - 120
130	4.764	5.032	5.188	5.012	4.923	5.012	5.188	5.032	120 - 130
140	5.449	6.607	6.024	5.924	5.569	5.924	6.024	6.607	130 - 140
150	6.127	6.864	6.678	6.502	6.214	6.502	6.678	6.864	140 - 150
160	6.844	7.470	7.475	6.904	6.892	6.904	7.475	7.470	150 - 160
170	7.759	8.067	8.224	7.478	7.735	7.478	8.224	8.067	160 - 170
180	8.645	8.645	9.299	8.589	8.518	8.589	9.299	8.645	170 - 180



Daylight White (4000K)

SKU: SA-LS-DW-3528-1200-24V

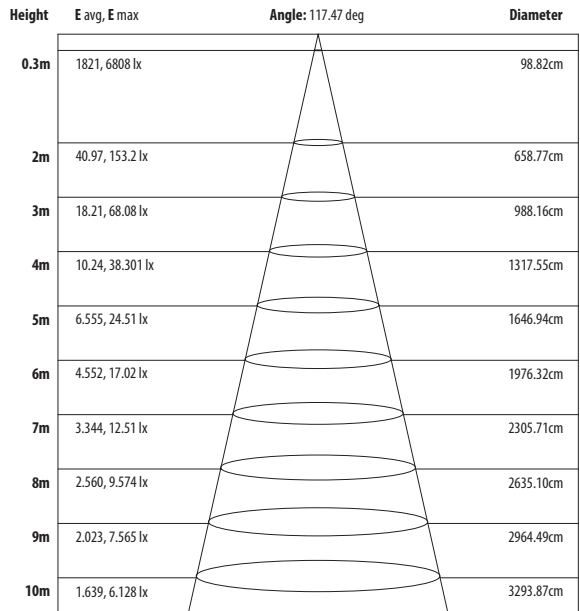


AVERAGE BEAM ANGLE (50%): 119.1 DEG

UNIT: cd

— C0 / 180, 117.5 — C60 / 240, 119.6
— C30 / 210, 119.0 — C90 / 270, 120.2

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	603.8	604.2	605.0	605.2	603.8	605.2	605.0	604.2	0 - 10
20	576.9	579.3	581.1	580.8	577.6	580.8	581.1	579.3	10 - 20
30	532.1	536.3	539.1	538.2	533.3	538.2	539.1	536.3	20 - 30
40	469.5	475.6	479.1	477.7	471.1	477.7	479.1	475.6	30 - 40
50	389.3	397.0	401.2	399.1	390.9	399.1	401.2	397.0	40 - 50
60	292.6	301.7	306.5	303.7	293.9	303.7	306.5	301.7	50 - 60
70	183.1	192.9	197.9	194.5	183.9	194.5	197.9	192.9	60 - 70
80	73.06	81.90	86.61	82.70	73.13	82.70	86.61	81.90	70 - 80
90	2.581	9.202	11.15	8.418	0.7993	8.418	11.15	9.202	80 - 90
100	1.743	1.554	1.538	1.478	1.743	1.478	1.538	1.554	90 - 100
110	3.193	2.904	2.949	2.808	3.201	2.808	2.949	2.904	100 - 110
120	4.493	4.362	4.503	4.203	4.493	4.203	4.503	4.362	110 - 120
130	5.457	5.701	5.818	5.561	5.449	5.561	5.818	5.701	120 - 130
140	6.198	6.820	6.725	6.586	6.206	6.586	6.725	6.820	130 - 140
150	6.891	7.685	7.435	7.203	6.892	7.203	7.435	7.685	140 - 150
160	7.648	8.326	8.295	7.669	7.648	7.669	8.295	8.326	150 - 160
170	8.620	8.952	9.124	8.302	8.548	8.302	9.124	8.952	160 - 170
180	9.569	9.589	10.29	9.506	9.418	9.506	10.29	9.589	170 - 180



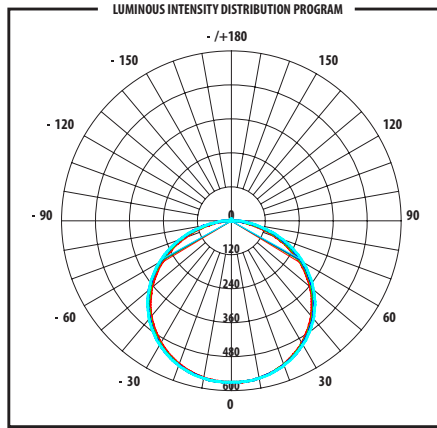
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

DATA SHEET

3528 96W DOUBLE ROW LED STRIP LIGHT PHOTOMETRICS

Natural White (5000K)

SKU: SA-LS-NW-3528-1200-24V



AVERAGE BEAM ANGLE (50%): 120.2 DEG

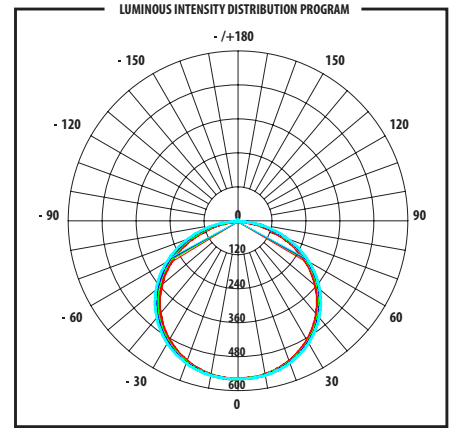
UNIT: cd

CO / 180, 117.7 C60 / 240, 121.2
C30 / 210, 120.1 C90 / 270, 121.9

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	568.5	568.6	569.0	568.8	567.1	568.8	569.0	568.6	0 - 10
20	543.8	546.4	547.9	546.8	542.5	546.8	547.9	546.4	10 - 20
30	502.3	507.4	510.1	508.1	501.5	508.1	510.1	507.4	20 - 30
40	443.4	451.2	455.3	452.9	443.6	452.9	455.3	451.2	30 - 40
50	367.3	378.1	383.7	380.8	369.0	380.8	383.7	378.1	40 - 50
60	274.9	288.6	296.3	292.9	278.7	292.9	296.3	288.6	50 - 60
70	170.1	186.2	195.9	192.1	176.0	192.1	195.9	186.2	60 - 70
80	67.15	83.04	93.22	88.61	73.09	88.61	93.22	83.04	70 - 80
90	2.440	13.69	19.80	14.39	1.908	14.39	19.80	13.69	80 - 90
100	1.704	1.442	1.466	1.362	1.608	1.362	1.466	1.442	90 - 100
110	3.066	2.637	2.654	2.589	2.994	2.589	2.654	2.637	100 - 110
120	4.277	4.012	4.096	3.900	4.214	3.900	4.096	4.012	110 - 120
130	5.194	5.291	5.356	5.195	5.130	5.195	5.356	5.291	120 - 130
140	5.856	6.374	6.255	6.171	5.831	6.171	6.255	6.374	130 - 140
150	6.517	7.191	6.941	6.769	6.494	6.769	6.941	7.191	140 - 150
160	7.226	7.816	7.754	7.251	7.202	7.251	7.754	7.816	150 - 160
170	8.110	8.406	8.534	7.832	8.031	7.832	8.534	8.406	160 - 170
180	9.028	8.976	9.649	8.956	8.820	8.956	9.649	8.976	170 - 180

White (6000K)

SKU: SA-LS-W-3528-1200-24V

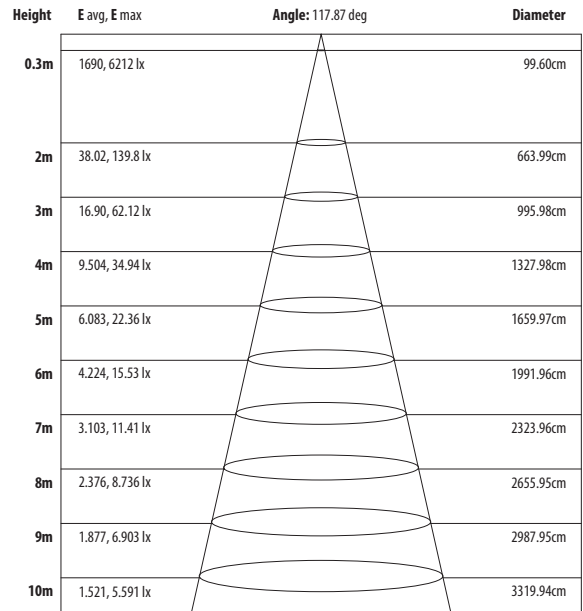
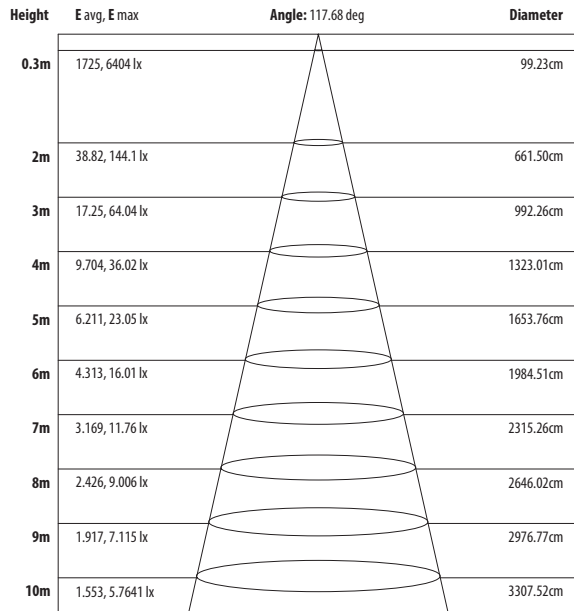


AVERAGE BEAM ANGLE (50%): 121.2 DEG

UNIT: cd

CO / 180, 117.9 C60 / 240, 122.6
C30 / 210, 120.9 C90 / 270, 123.6

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	550.3	553.1	554.3	553.5	550.8	553.5	554.3	553.1	0 - 10
20	527.5	533.3	535.4	532.6	526.3	532.6	535.4	533.3	10 - 20
30	488.5	497.2	500.1	495.5	485.6	495.5	500.1	497.2	20 - 30
40	433.2	444.8	448.5	441.9	428.2	441.9	448.5	444.8	30 - 40
50	361.5	375.9	380.1	371.6	354.4	371.6	380.1	375.9	40 - 50
60	274.0	291.0	295.7	285.2	264.8	285.2	295.7	291.0	50 - 60
70	174.3	192.7	197.6	185.7	163.2	185.7	197.6	192.7	60 - 70
80	73.13	90.34	95.46	83.41	61.75	83.41	95.46	90.34	70 - 80
90	3.051	15.43	18.89	11.46	1.090	11.46	18.89	15.43	80 - 90
100	1.520	1.247	1.386	1.291	1.680	1.291	1.386	1.247	90 - 100
110	2.859	2.466	2.503	2.514	3.026	2.514	2.503	2.466	100 - 110
120	4.039	3.804	3.921	3.796	4.214	3.796	3.921	3.804	110 - 120
130	4.939	5.048	5.148	5.028	5.059	5.028	5.148	5.048	120 - 130
140	5.609	6.099	6.008	5.964	5.720	5.964	6.008	6.099	130 - 140
150	6.246	6.912	6.670	6.542	6.334	6.542	6.670	6.912	140 - 150
160	6.963	7.502	7.491	6.988	6.995	6.988	7.491	7.502	150 - 160
170	7.863	8.115	8.271	7.557	7.808	7.557	8.271	8.115	160 - 170
180	8.693	8.721	9.410	8.657	8.629	8.657	9.410	8.721	170 - 180

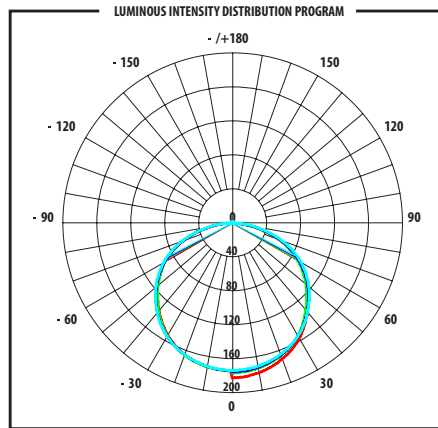


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

3528 96W DOUBLE ROW LED STRIP LIGHT PHOTOMETRICS

Red

SKU: SA-LS-RE-3528-1200-24V



AVERAGE BEAM ANGLE (50%): 122.8 DEG

UNIT: cd

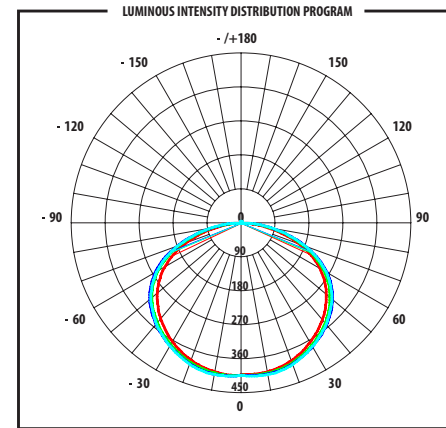
C0 / 180, 120.5 C60 / 240, 123.4
 C30 / 210, 121.9 C90 / 270, 125.5

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	181.6	175.9	173.7	174.3	174.1	174.3	173.7	175.9	0 - 10
20	173.4	168.7	167.3	167.8	167.2	167.8	167.3	168.7	10 - 20
30	159.7	156.2	156.5	156.1	154.7	156.1	156.5	156.2	20 - 30
40	140.0	138.0	140.0	138.3	136.6	138.3	140.0	138.0	30 - 40
50	118.0	116.3	119.6	116.9	116.4	116.9	119.6	116.3	40 - 50
60	93.18	91.38	95.51	92.73	93.18	92.73	95.51	91.38	50 - 60
70	61.27	61.32	65.14	63.63	62.92	63.63	65.14	61.32	60 - 70
80	24.69	26.70	29.95	29.51	27.26	29.51	29.95	26.70	70 - 80
90	0.8158	3.117	4.954	4.329	0.6402	4.329	4.954	3.117	80 - 90
100	0.4937	0.4822	0.4862	0.5500	0.3979	0.5500	0.4862	0.4822	90 - 100
110	0.9555	0.8325	0.8848	0.7691	0.8599	0.7691	0.8848	0.8325	100 - 110
120	1.298	1.271	1.323	1.171	1.211	1.171	1.323	1.271	110 - 120
130	1.537	1.606	1.674	1.530	1.426	1.530	1.674	1.606	120 - 130
140	1.745	1.916	1.912	1.805	1.633	1.805	1.912	1.916	130 - 140
150	1.920	2.139	2.096	1.964	1.832	1.964	2.096	2.139	140 - 150
160	2.127	2.319	2.327	2.092	2.040	2.092	2.327	2.319	150 - 160
170	2.398	2.482	2.534	2.271	2.302	2.271	2.534	2.482	160 - 170
180	2.677	2.645	2.789	2.609	2.550	2.609	2.789	2.645	170 - 180

Height	E avg, E max	Angle: 120.45 deg	Diameter
0.3m	473.5, 2057 lx		104.87cm
2m	10.65, 46.28 lx		699.13cm
3m	4.735, 20.57 lx		1048.69cm
4m	2.663, 11.57 lx		1398.26cm
5m	1.704, 7.404 lx		1747.82cm
6m	1.184, 5.142 lx		2097.39cm
7m	0.8696, 3.778 lx		2446.95cm
8m	0.6658, 2.892 lx		2796.52cm
9m	0.5261, 2.2851 lx		3146.08cm
10m	0.4261, 1.851 lx		3495.65cm

Green

SKU: SA-LS-GR-3528-1200-24V



AVERAGE BEAM ANGLE (50%): 133.7 DEG

UNIT: cd

C0 / 180, 130.2 C60 / 240, 135.7
 C30 / 210, 134.0 C90 / 270, 134.9

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	405.6	411.1	413.7	411.6	406.3	411.6	413.7	411.1	0 - 10
20	394.0	402.5	404.5	401.4	393.5	401.4	404.5	402.5	10 - 20
30	370.3	382.7	383.1	381.7	369.7	381.7	383.1	382.7	20 - 30
40	339.4	355.6	355.2	356.3	337.6	356.3	355.2	355.6	30 - 40
50	298.8	318.3	318.0	321.8	295.6	321.8	318.0	318.3	40 - 50
60	244.5	264.2	263.4	268.1	239.6	268.1	263.4	264.2	50 - 60
70	166.6	184.5	184.1	185.7	160.1	185.7	184.1	184.5	60 - 70
80	73.52	87.51	88.66	84.94	66.20	84.94	88.66	87.51	70 - 80
90	2.478	12.26	13.83	9.334	1.536	9.334	13.83	12.26	80 - 90
100	1.536	1.403	1.363	1.418	1.640	1.418	1.363	1.403	90 - 100
110	2.676	2.494	2.590	2.561	2.812	2.561	2.590	2.494	100 - 110
120	3.569	3.561	3.690	3.569	3.704	3.569	3.690	3.561	110 - 120
130	4.174	4.382	4.502	4.426	4.246	4.426	4.502	4.382	120 - 130
140	4.533	5.020	4.988	4.960	4.597	4.960	4.988	5.020	130 - 140
150	4.900	5.466	5.339	5.207	4.948	5.207	5.339	5.466	140 - 150
160	5.314	5.789	5.825	5.402	5.370	5.402	5.825	5.789	150 - 160
170	5.927	6.151	6.319	5.757	5.927	5.757	6.319	6.151	160 - 170
180	6.558	6.574	7.020	6.542	6.486	6.542	7.020	6.574	170 - 180

Height	E avg, E max	Angle: 130.17 deg	Diameter
0.3m	856.5, 4559 lx		129.17cm
2m	19.27, 102.6 lx		861.12cm
3m	8.565, 45.59 lx		1291.68cm
4m	4.818, 25.64 lx		1722.23cm
5m	3.084, 16.41 lx		2152.79cm
6m	2.141, 11.40 lx		2583.35cm
7m	1.573, 8.373 lx		3013.91cm
8m	1.204, 6.411 lx		3444.47cm
9m	0.9517, 5.065 lx		3875.03cm
10m	0.7709, 4.103 lx		4305.59cm

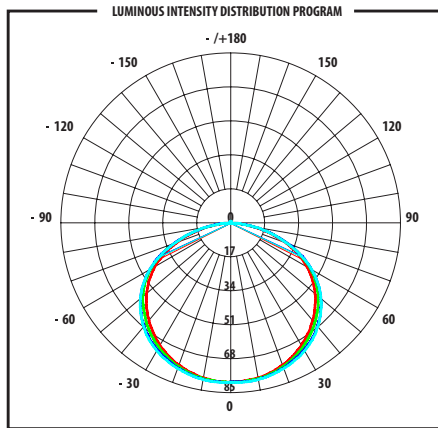
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

DATA SHEET

3528 96W DOUBLE ROW LED STRIP LIGHT PHOTOMETRICS

Blue

SKU: SA-LS-BL-3528-1200-24V



AVERAGE BEAM ANGLE (50%): 128.6 DEG

UNIT: cd

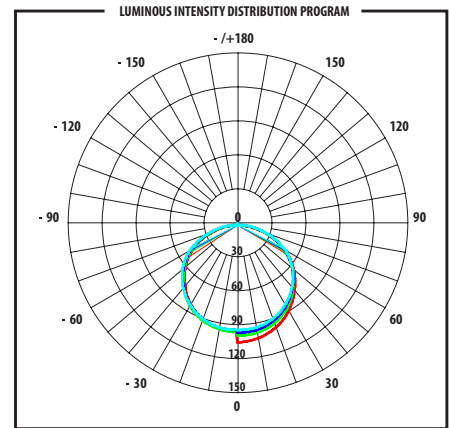
— C0 / 180, 126.4 — C60 / 240, 129.6
— C30 / 210, 129.1 — C90 / 270, 129.2

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	79.78	80.44	80.71	80.41	79.77	80.41	80.71	80.44	0 - 10
20	76.82	78.03	78.60	77.99	76.81	77.99	78.60	78.03	10 - 20
30	71.77	73.77	75.07	73.75	71.77	73.75	75.07	73.77	20 - 30
40	64.84	67.71	68.89	67.75	64.76	67.75	68.89	67.71	30 - 40
50	56.05	59.43	59.90	59.49	55.86	59.49	59.90	59.43	40 - 50
60	44.95	47.84	47.68	47.86	44.55	47.86	47.68	47.84	50 - 60
70	30.13	31.75	31.22	31.57	29.54	31.57	31.22	31.75	60 - 70
80	12.77	13.68	13.60	13.26	12.19	13.26	13.60	13.68	70 - 80
90	0.3525	1.874	1.925	1.217	0.0552	1.217	1.925	1.874	80 - 90
100	0.1114	0.2271	0.2868	0.1475	0.1588	0.1475	0.2868	0.2271	90 - 100
110	0.3426	0.3865	0.4305	0.3784	0.3583	0.3784	0.4305	0.3865	100 - 110
120	0.5177	0.5737	0.6535	0.5656	0.5337	0.5656	0.6535	0.5737	110 - 120
130	0.6294	0.7528	0.8130	0.7490	0.6768	0.7490	0.8130	0.7528	120 - 130
140	0.7330	0.8883	0.9163	0.8564	0.7330	0.8564	0.9163	0.8883	130 - 140
150	0.7967	0.9562	0.9880	0.9123	0.8284	0.9123	0.9880	0.9562	140 - 150
160	0.8843	1.036	1.076	0.9442	0.8922	0.9442	1.076	1.036	150 - 160
170	1.004	1.096	1.171	1.036	1.012	1.036	1.171	1.096	160 - 170
180	1.139	1.155	1.251	1.131	1.131	1.131	1.251	1.155	170 - 180

Height	E avg, E max	Angle: 126.43 deg	Diameter
0.3m	187.7, 898.3 lx		118.85cm
2m	4.224, 20.21 lx		792.36cm
3m	1.877, 8.983 lx		1188.54cm
4m	1.056, 5.053 lx		1584.73cm
5m	0.6759, 3.234 lx		1980.91cm
6m	0.4693, 2.246 lx		2377.09cm
7m	0.3448, 1.650 lx		2773.27cm
8m	0.2640, 1.263 lx		3169.45cm
9m	0.2086, 0.9981 lx		3565.63cm
10m	0.1690, 0.8085 lx		3961.81cm

Amber

SKU: SA-LS-AM-3528-1200-24V



AVERAGE BEAM ANGLE (50%): 121.3 DEG

UNIT: cd

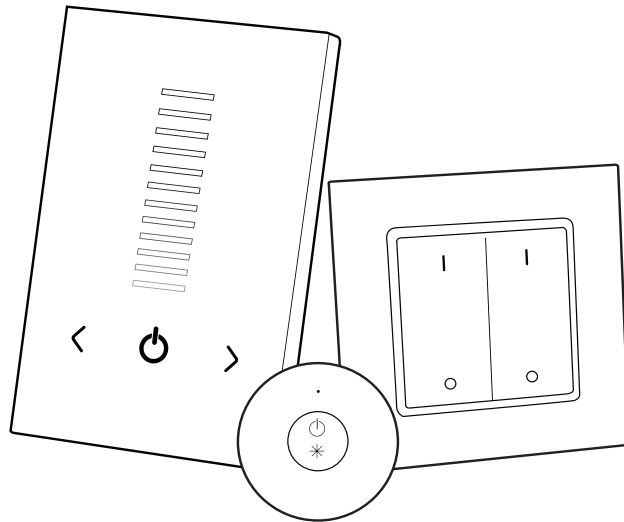
— C0 / 180, 116.3 — C60 / 240, 123.1
— C30 / 210, 120.2 — C90 / 270, 125.6

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	104.3	97.91	94.41	95.36	95.43	95.36	94.41	97.91	0 - 10
20	99.53	94.17	91.01	91.79	91.31	91.79	91.01	94.17	10 - 20
30	91.45	87.43	84.92	85.33	84.20	85.33	84.92	87.43	20 - 30
40	80.03	77.57	76.25	76.02	74.02	76.02	76.25	77.57	30 - 40
50	67.39	65.30	65.77	64.14	62.33	64.14	65.77	65.30	40 - 50
60	52.31	50.82	52.10	50.05	48.55	50.05	52.10	50.82	50 - 60
70	33.48	33.39	34.88	33.18	31.47	33.18	34.88	33.39	60 - 70
80	13.53	15.24	16.69	15.49	13.23	15.49	16.69	15.24	70 - 80
90	0.3653	2.192	2.919	1.985	0.3272	1.985	2.919	2.192	80 - 90
100	0.1432	0.2232	0.2311	0.1116	0.1113	0.1116	0.2311	0.2232	90 - 100
110	0.4060	0.3583	0.3667	0.3068	0.3504	0.3068	0.3667	0.3583	100 - 110
120	0.6133	0.5737	0.6136	0.5378	0.5496	0.5378	0.6136	0.5737	110 - 120
130	0.7647	0.7849	0.8129	0.7491	0.7168	0.7491	0.8129	0.7849	120 - 130
140	0.8684	0.9800	0.9562	0.9044	0.7888	0.9044	0.9562	0.9800	130 - 140
150	0.9957	1.096	1.060	1.008	0.9004	1.008	1.060	1.096	140 - 150
160	1.131	1.191	1.187	1.064	1.028	1.064	1.187	1.191	150 - 160
170	1.283	1.291	1.307	1.159	1.179	1.159	1.307	1.291	160 - 170
180	1.458	1.382	1.418	1.351	1.331	1.351	1.418	1.382	170 - 180

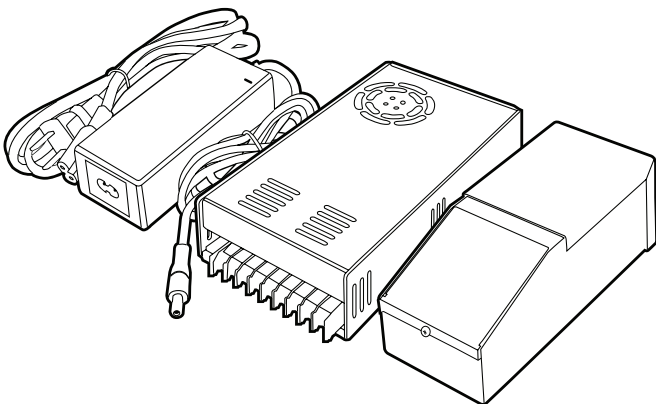
Height	E avg, E max	Angle: 116.26 deg	Diameter
0.3m	294.8, 1184 lx		96.50cm
2m	6.633, 26.63 lx		643.36cm
3m	2.948, 11.84 lx		965.05cm
4m	1.658, 6.658 lx		1286.73cm
5m	1.061, 4.261 lx		1608.41cm
6m	0.7371, 2.959 lx		1930.09cm
7m	0.5415, 2.174 lx		2251.78cm
8m	0.4146, 1.665 lx		2573.46cm
9m	0.3276, 1.315 lx		2895.14cm
10m	0.2653, 1.065 lx		3216.82cm

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

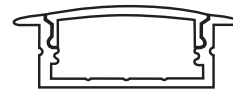
Dimmers



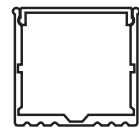
Power Supplies



LED Strip Channels



T20



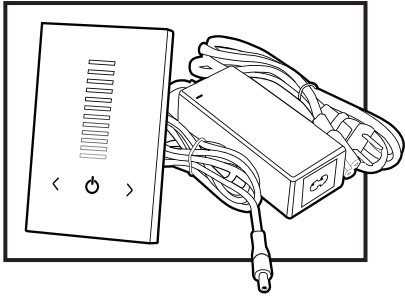
T30



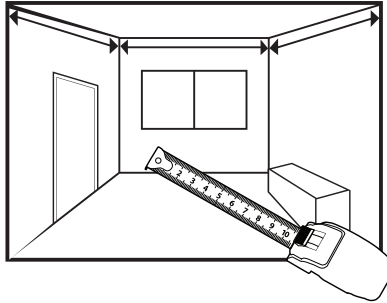
Dome

3528 96W DOUBLE ROW LED STRIP LIGHT INSTALLATION GUIDE

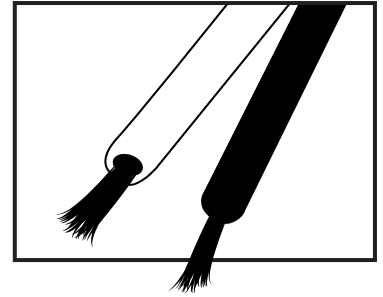
1. Determine where to install the Driver and optional Dimmer.



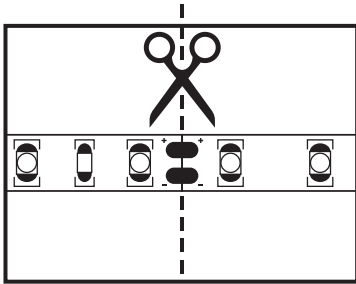
2. Determine the measurement of area where LED Strip Lights will be placed.



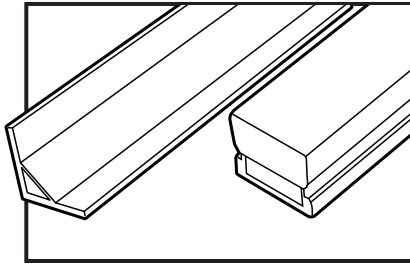
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



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



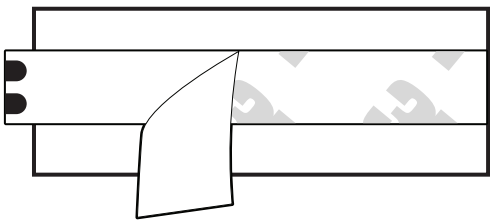
5. If using Channels, cut or extend them to fit size of the installation area



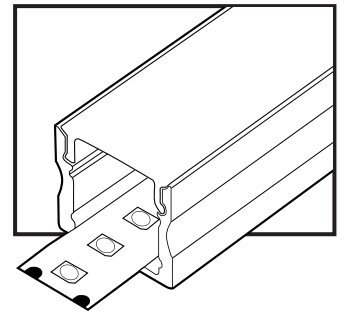
6. Thoroughly clean the surface where the LED Strip will be mounted.



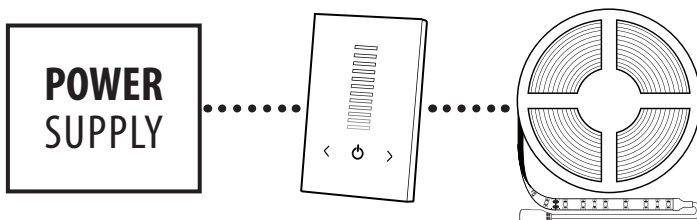
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



- 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.

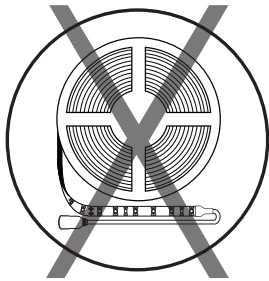


9. Power up and enjoy!

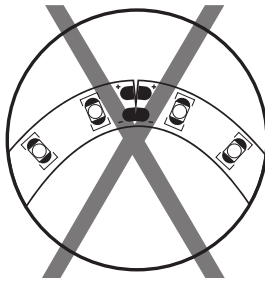
Note: If you have questions and concerns regarding the installation process. Please feel free to contact us at 425.582.7533. We will gladly assist you.

3528 96W DOUBLE ROW LED STRIP LIGHT WARNINGS

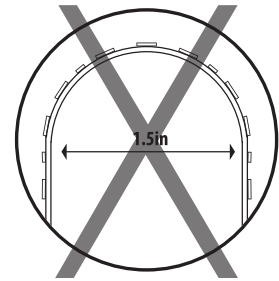
Do not power LED Strip still coiled in spool.



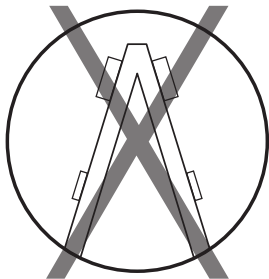
Do not bend LED Strip sideways.



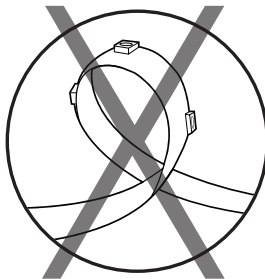
Do not bend LED strips to a diameter less than 1.5 inches.



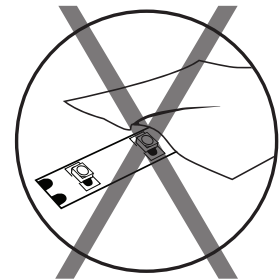
Do not fold or crease LED Strip.



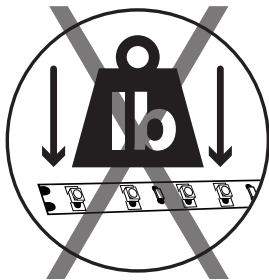
Do not twist LED Strip.



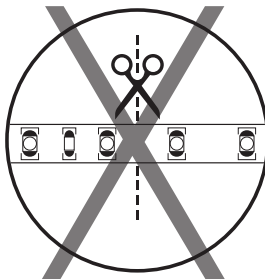
Do not cover LED Strip with anything other than LED Channel Diffusers.



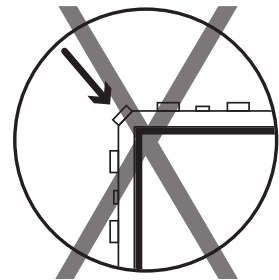
Do not put direct excessive pressure on the LED surface.



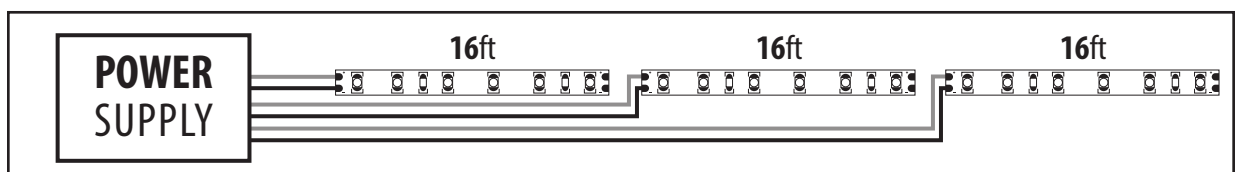
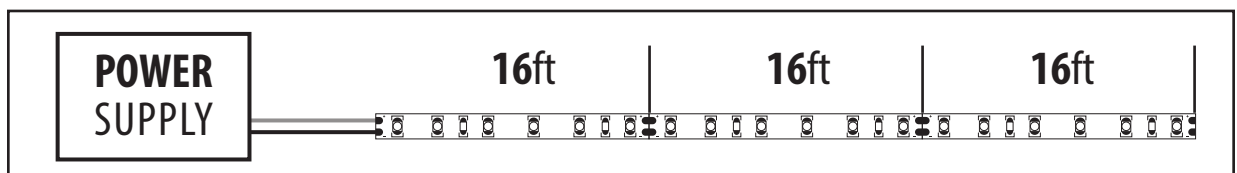
Do not cut LED Strips except at designated cutting points.



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.



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 **3528 96W Double Row 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.