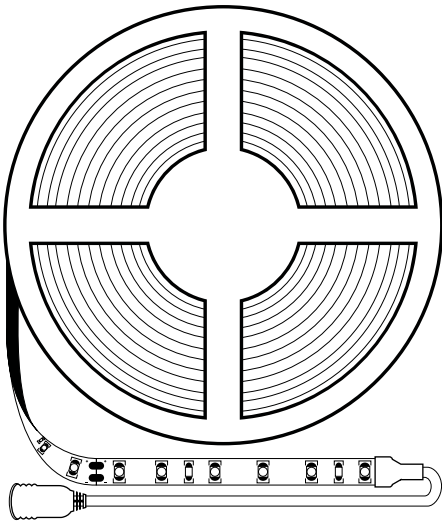


DATA SHEET  
**3528 24W LED STRIP LIGHT**



**Product Description**

Solid Apollo's 3528 24W LED Strip Lights are the perfect lighting solution for interior areas that require ambient lighting. The product offers many advantages including:

- UL certified for Safety and Durability.
- Flexible with a slim and compact design.
- Fully adjustable brightness with our optional dimmer.
- Easy installation with an already mounted 3M double sided tape.
- Field cuttable every 4 inches with clearly marked cutting points.
- Leftover pieces are reusable with optional connecting accessories.
- 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).

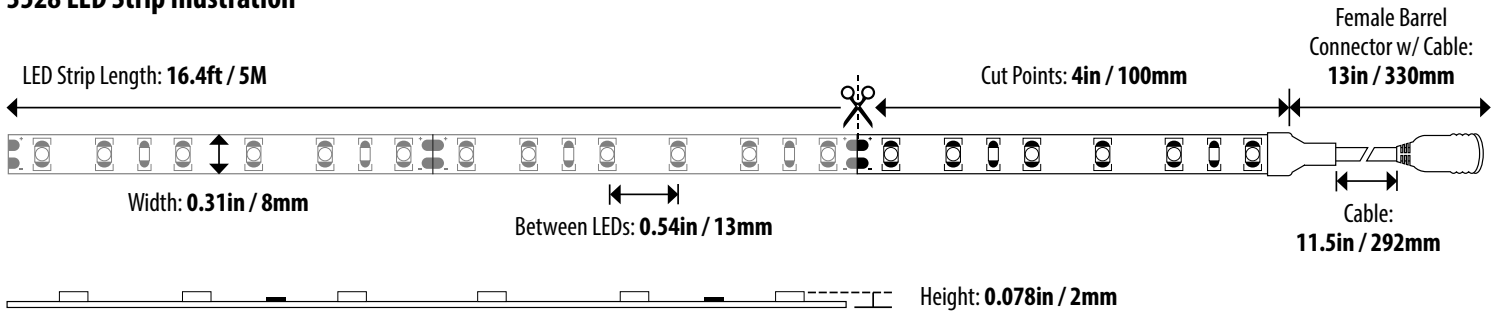
**Quick Spec.**

- **Fully Dimmable:** Yes
- **Voltage:** 24V DC
- **Total Wattage:** 24W
- **Beam Angle:** 120°
- **UL Rating #:** E493881
- **PCB Width:** 8mm / 0.31"
- **Dimensions:** 196.8" x 0.31" x 0.078"
- **Working Temperature:** -40° to 122°F

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

**UP TO 151+  
LUMENS / FT**

**3528 LED Strip Illustration**



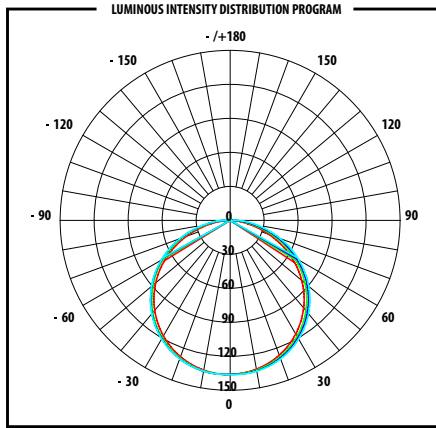
**Technical Information**

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-3528-300-24V	2400K	300	>64	24W	SMD 3528	82+	4in / 100mm
Super Warm White	SA-LS-SWW-3528-300-24V	2700K	300	132	24W	SMD 3528	82+	4in / 100mm
Warm White	SA-LS-WW-3528-300-24V	3000K	300	142	24W	SMD 3528	82+	4in / 100mm
Neutral Warm White	SA-LS-NWW-3528-300-24V	3500K	300	151	24W	SMD 2835	82+	4in / 100mm
Daylight White	SA-LS-DLW-3528-300-24V	4000K	300	148	24W	SMD 3528	82+	4in / 100mm
Natural White	SA-LS-NW-3528-300-24V	5000K	300	141	24W	SMD 3528	82+	4in / 100mm
White	SA-LS-W-3528-300-24V	6000K	300	143	24W	SMD 3528	82+	4in / 100mm
Red	SA-LS-RE-3528-300-24V	N/A	300	N/A	24W	SMD 3528	N/A	4in / 100mm
Green	SA-LS-GR-3528-300-24V	N/A	300	N/A	24W	SMD 3528	N/A	4in / 100mm
Blue	SA-LS-BL-3528-300-24V	N/A	300	N/A	24W	SMD 3528	N/A	4in / 100mm
Amber	SA-LS-AM-3528-300-24V	2100K	300	N/A	24W	SMD 3528	N/A	4in / 100mm

# 3528 24W LED STRIP LIGHT PHOTOMETRICS

## Candlelight Warm White (2400K)

SKU: SA-LS-CWW-3528-300-24V



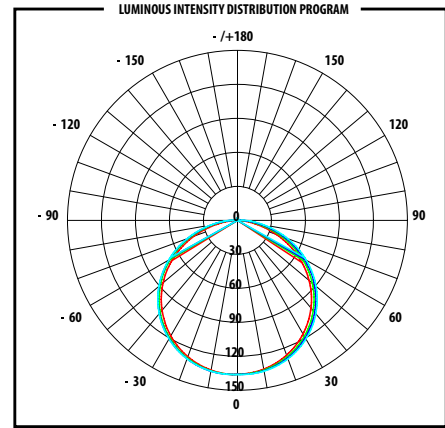
AVERAGE BEAM ANGLE (50%): 119.2 DEG

UNIT: cd

- C0 / 180, 115.3
- C30 / 210, 118.8
- C60 / 240, 120.9
- C90 / 270, 121.9

## Super Warm White (2700K)

SKU: SA-LS-SWW-3528-300-24V



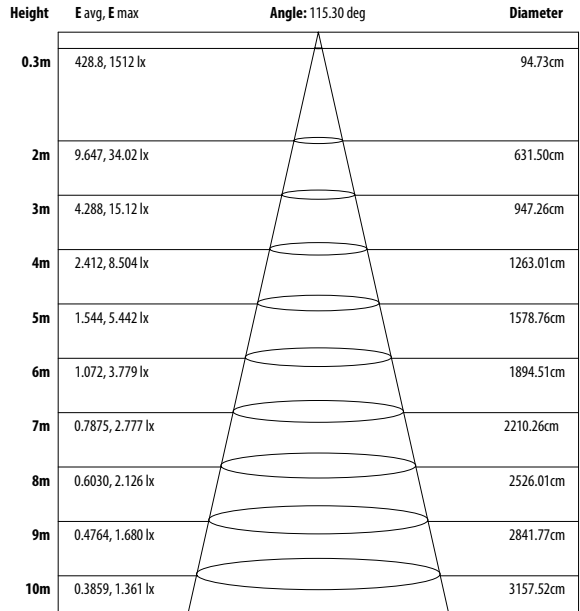
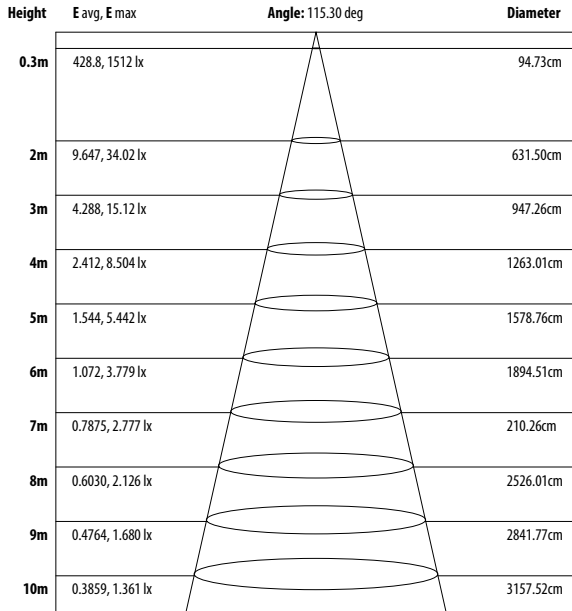
AVERAGE BEAM ANGLE (50%): 119.2 DEG

UNIT: cd

- C0 / 180, 115.3
- C30 / 210, 118.8
- C60 / 240, 120.9
- C90 / 270, 121.9

DEG.	Luminous Intensity: cd									DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g	
10	133.4	134.5	135.1	135.0	134.2	135.0	135.1	134.1	0 - 10	
20	133.4	126.6	130.1	129.7	128.1	129.7	130.1	128.9	10 - 20	
30	115.7	119.0	120.9	120.3	117.8	120.3	120.9	119.0	20 - 30	
40	101.0	105.2	107.6	106.9	103.6	106.9	107.6	105.2	30 - 40	
50	82.52	87.67	90.52	89.74	85.79	89.74	90.52	87.67	40 - 50	
60	60.73	66.77	70.17	69.22	64.61	69.22	70.17	66.77	50 - 60	
70	36.70	43.36	47.21	46.04	40.98	46.04	47.21	43.36	60 - 70	
80	13.85	20.17	24.03	22.49	16.89	22.49	24.03	20.17	70 - 80	
90	0.3276	3.922	6.373	4.679	0.1824	4.679	6.373	3.922	80 - 90	
100	0.2467	0.3706	0.5810	0.1836	0.1910	0.1836	0.5810	0.3706	90 - 100	
110	0.5892	0.5099	0.6217	0.4939	0.5096	0.4939	0.6217	0.5099	100 - 110	
120	0.8445	0.8047	0.8288	0.7169	0.7884	0.7169	0.8288	0.8047	110 - 120	
130	1.075	1.088	1.100	1.020	1.004	1.020	1.100	1.088	120 - 130	
140	1.235	1.351	1.355	1.283	1.163	1.283	1.355	1.351	130 - 140	
150	1.386	1.554	1.522	1.438	1.378	1.438	1.522	1.554	140 - 150	
160	1.538	1.697	1.721	1.542	1.514	1.542	1.721	1.697	150 - 160	
170	1.745	1.848	1.912	1.685	1.744	1.685	1.912	1.848	160 - 170	
180	1.968	2.012	2.159	1.956	1.912	1.956	2.159	2.012	170 - 180	

DEG.	Luminous Intensity: cd									DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g	
10	133.4	134.5	135.1	135.0	134.2	135.0	135.1	134.1	0 - 10	
20	126.6	128.9	130.1	129.7	128.1	129.7	130.1	128.9	10 - 20	
30	115.7	119.0	120.9	120.3	117.8	120.3	120.9	119.0	20 - 30	
40	101.0	105.2	107.6	106.9	103.6	106.9	107.6	105.2	30 - 40	
50	82.52	87.67	90.52	89.74	85.79	89.74	90.52	87.67	40 - 50	
60	60.73	66.77	70.17	69.22	64.61	69.22	70.17	66.77	50 - 60	
70	36.70	43.36	47.21	46.04	40.98	46.04	47.21	43.36	60 - 70	
80	13.85	20.17	24.03	22.49	16.89	22.49	24.03	20.17	70 - 80	
90	0.3276	3.922	6.373	4.679	0.1824	4.679	6.373	3.922	80 - 90	
100	0.2467	0.3706	0.5810	0.1836	0.1910	0.1836	0.5810	0.3706	90 - 100	
110	0.5892	0.5099	0.6217	0.4939	0.5096	0.4939	0.6217	0.5099	100 - 110	
120	0.8445	0.8047	0.8288	0.7169	0.7884	0.7169	0.8288	0.8047	110 - 120	
130	1.075	1.088	1.100	1.020	1.004	1.020	1.100	1.088	120 - 130	
140	1.235	1.351	1.355	1.283	1.163	1.283	1.355	1.351	130 - 140	
150	1.386	1.554	1.522	1.438	1.378	1.438	1.522	1.554	140 - 150	
160	1.538	1.697	1.721	1.542	1.514	1.542	1.721	1.697	150 - 160	
170	1.745	1.848	1.912	1.685	1.744	1.685	1.912	1.848	160 - 170	
180	1.968	2.012	2.159	1.956	1.912	1.956	2.159	2.012	170 - 180	

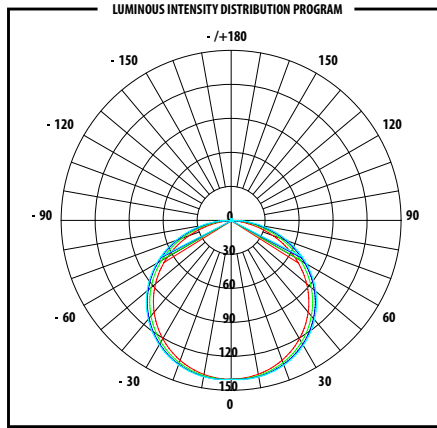


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 3528 24W LED STRIP LIGHT PHOTOMETRICS

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

SKU: SA-LS-WW-3528-300-24V & SA-LS-NWW-3528-300-24V



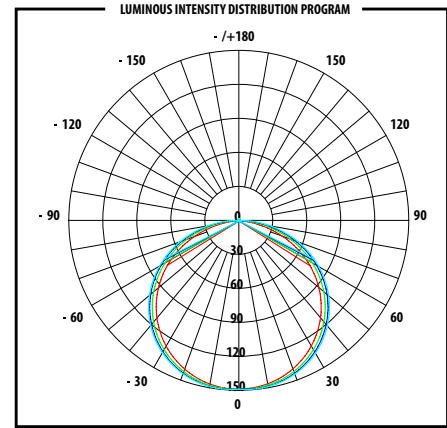
AVERAGE BEAM ANGLE (50%): 121.9 DEG

UNIT: cd

- C0 / 180, 115.9
- C60 / 240, 124.5
- C30 / 210, 121.1
- C90 / 270, 126.0

## Daylight White (4000K)

SKU: SA-LS-DW-3528-300-24V



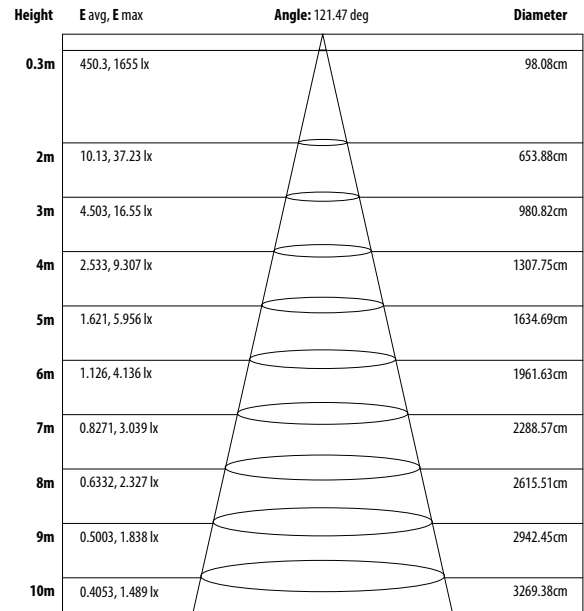
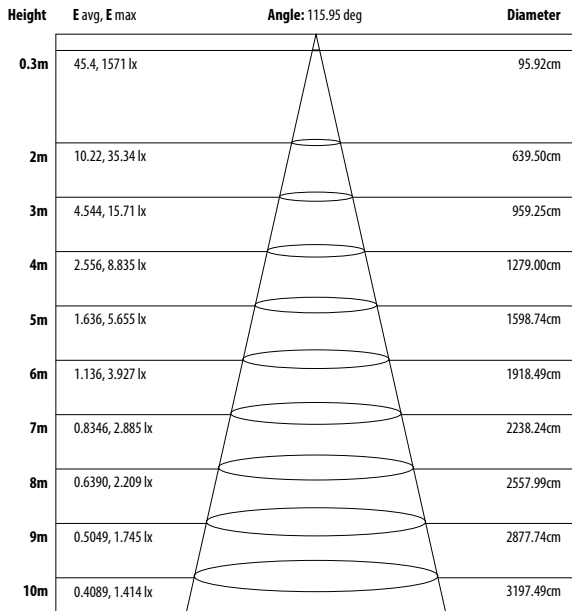
AVERAGE BEAM ANGLE (50%): 121.2 DEG

UNIT: cd

- C0 / 180, 117.1
- C60 / 240, 123.0
- C30 / 210, 120.8
- C90 / 270, 124.1

DEG.	Luminous Intensity: cd										DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g		
10	138.8	140.5	141.2	140.6	139.2	140.6	141.2	140.5	0 - 10		
20	132.2	135.4	136.8	135.7	132.6	135.7	136.8	135.4	10 - 20		
30	121.3	126.0	128.2	126.4	121.9	126.4	128.2	126.0	20 - 30		
40	106.4	112.5	115.3	113.0	107.2	113.0	115.3	112.5	30 - 40		
50	87.56	94.97	98.23	95.63	88.57	95.63	98.23	94.97	40 - 50		
60	65.20	73.83	77.64	74.62	66.48	74.62	77.64	73.83	50 - 60		
70	40.21	49.65	53.95	50.60	41.72	50.60	53.95	49.65	60 - 70		
80	15.60	24.59	28.86	25.32	17.01	25.32	28.86	24.59	70 - 80		
90	0.4064	5.591	8.083	5.273	0.5049	5.273	8.083	5.591	80 - 90		
100	0.2546	0.3027	0.6759	0.1793	0.2308	0.1793	0.6759	0.3027	90 - 100		
110	0.6056	0.4979	0.4624	0.4341	0.6129	0.4341	0.4624	0.4979	100 - 110		
120	0.8683	0.8087	0.8130	0.7409	0.8684	0.7409	0.8130	0.8087	110 - 120		
130	1.099	1.123	1.124	1.040	1.115	1.040	1.124	1.123	120 - 130		
140	1.275	1.394	1.379	1.295	1.243	1.295	1.379	1.394	130 - 140		
150	1.418	1.598	1.554	1.478	1.402	1.478	1.554	1.598	140 - 150		
160	1.625	1.781	1.769	1.594	1.577	1.594	1.769	1.781	150 - 160		
170	1.824	1.912	1.976	1.749	1.777	1.749	1.976	1.912	160 - 170		
180	2.048	2.044	2.199	2.028	2.016	2.028	2.199	2.044	170 - 180		

DEG.	Luminous Intensity: cd										DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g		
10	146.5	147.6	148.1	147.8	146.9	147.8	148.1	147.6	0 - 10		
20	139.9	142.2	143.1	142.3	140.4	142.3	143.1	142.2	10 - 20		
30	129.0	132.3	133.7	132.5	129.5	132.5	133.7	132.3	20 - 30		
40	113.7	118.1	119.8	118.2	114.4	118.2	119.8	118.1	30 - 40		
50	94.02	99.53	101.6	99.68	94.81	99.68	101.6	99.53	40 - 50		
60	70.29	76.88	79.47	77.09	71.25	77.09	79.47	76.88	50 - 60		
70	43.52	50.98	54.25	51.40	44.63	51.40	54.25	50.98	60 - 70		
80	17.58	24.89	28.94	25.67	18.45	25.67	28.94	24.89	70 - 80		
90	0.7749	5.663	9.422	6.835	0.4761	6.835	9.422	5.663	80 - 90		
100	0.2865	0.3347	1.058	0.2948	0.2784	0.2948	1.058	0.3347	90 - 100		
110	0.6450	0.5736	0.5818	0.5179	0.6212	0.5179	0.5818	0.5736	100 - 110		
120	0.9636	0.9083	0.9325	0.8603	0.9320	0.8603	0.9325	0.9083	110 - 120		
130	1.227	1.231	1.259	1.187	1.171	1.187	1.259	1.231	120 - 130		
140	1.362	1.530	1.522	1.450	1.355	1.450	1.522	1.530	130 - 140		
150	1.538	1.737	1.697	1.614	1.514	1.614	1.697	1.737	140 - 150		
160	1.745	1.892	1.913	1.729	1.721	1.729	1.913	1.892	150 - 160		
170	1.944	2.052	2.104	1.868	1.866	1.868	2.104	2.052	160 - 170		
180	2.191	2.163	2.335	2.167	2.135	2.167	2.335	2.163	170 - 180		

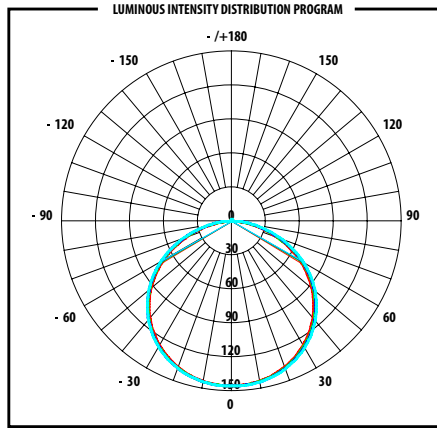


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 3528 24W LED STRIP LIGHT PHOTOMETRICS

## Natural White (5000K)

SKU: SA-LS-NW-3528-300-24V



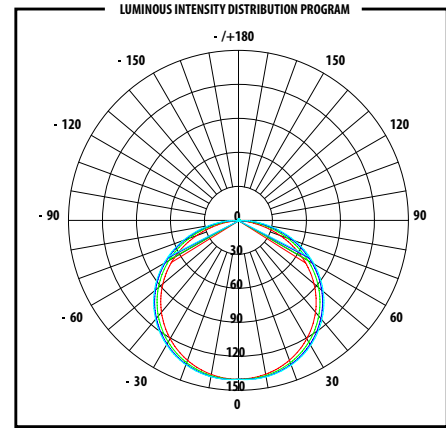
AVERAGE BEAM ANGLE (50%): 119.4 DEG

UNIT: cd

- C0 / 180, 117.7
- C30 / 210, 119.4
- C60 / 240, 120.1
- C90 / 270, 120.6

## White (6000K)

SKU: SA-LS-W-3528-300-24V



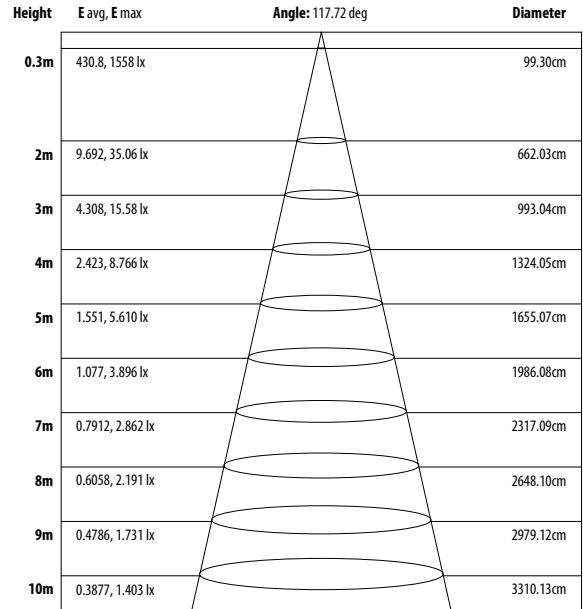
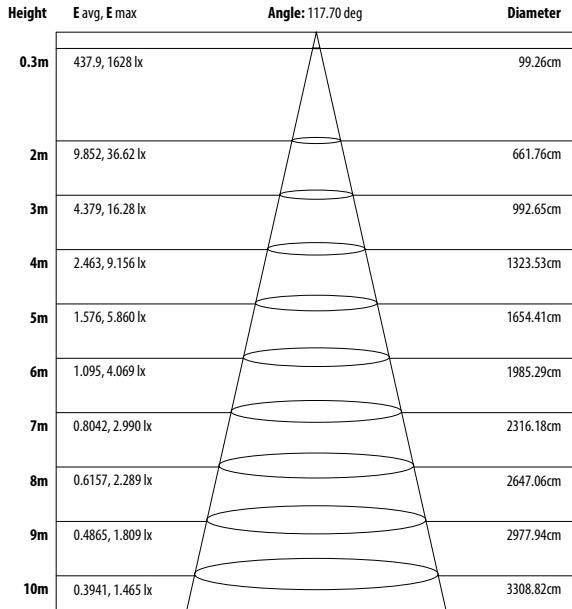
AVERAGE BEAM ANGLE (50%): 123.4 DEG

UNIT: cd

- C0 / 180, 117.7
- C30 / 210, 122.9
- C60 / 240, 125.9
- C90 / 270, 127.2

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	144.2	144.8	145.1	145.1	144.7	145.1	144.8	144.8	0 - 10
20	137.8	139.0	139.6	139.5	138.6	139.5	139.6	139.0	10 - 20
30	127.1	128.9	129.8	129.5	128.2	129.5	129.8	128.9	20 - 30
40	112.2	114.4	115.5	115.1	113.5	115.1	114.4	112.2	30 - 40
50	93.06	95.67	96.77	96.23	94.25	96.23	96.77	95.67	40 - 50
60	69.87	72.49	73.98	73.21	70.88	73.21	73.98	72.49	50 - 60
70	43.58	46.09	47.98	46.92	44.27	46.92	47.98	46.09	60 - 70
80	17.67	20.68	22.19	20.75	18.01	20.75	22.19	20.68	70 - 80
90	0.5705	3.687	4.973	3.328	0.4194	3.328	4.973	3.687	80 - 90
100	0.2943	0.4383	0.7318	0.2590	0.2783	0.2590	0.7318	0.4383	90 - 100
110	0.6371	0.6054	0.6377	0.5696	0.6134	0.5696	0.6377	0.6054	100 - 110
120	0.9557	0.9482	1.012	0.8964	0.9476	0.8964	1.012	0.9482	110 - 120
130	1.203	1.271	1.315	1.239	1.163	1.239	1.315	1.271	120 - 130
140	1.347	1.542	1.538	1.470	1.346	1.470	1.538	1.542	130 - 140
150	1.522	1.753	1.721	1.625	1.498	1.625	1.721	1.753	140 - 150
160	1.729	1.912	1.920	1.745	1.689	1.745	1.920	1.912	150 - 160
170	1.928	2.056	2.112	1.876	1.896	1.876	2.112	2.056	160 - 170
180	2.151	2.151	2.351	2.159	2.159	2.159	2.351	2.151	170 - 180

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	137.5	139.0	139.8	139.6	138.6	139.6	139.8	139.0	0 - 10
20	131.3	134.2	135.7	135.1	133.0	135.1	135.7	134.2	10 - 20
30	121.2	125.3	127.5	126.6	123.2	126.6	127.5	125.3	20 - 30
40	106.9	112.4	115.3	114.0	109.4	114.0	115.3	112.4	30 - 40
50	88.64	95.38	98.83	97.28	91.47	97.28	98.83	95.38	40 - 50
60	66.39	74.40	78.50	76.51	68.39	76.51	78.50	74.40	50 - 60
70	41.05	49.98	54.62	52.23	43.06	52.23	54.62	49.98	60 - 70
80	15.92	24.35	29.14	26.43	17.45	26.43	29.14	24.35	70 - 80
90	0.4468	4.811	8.219	5.979	0.1273	5.979	8.219	4.811	80 - 90
100	0.2705	0.3068	0.6837	0.2949	0.2389	0.2949	0.6837	0.3068	90 - 100
110	0.6292	0.5140	0.5022	0.4898	0.5973	0.4898	0.5022	0.5140	100 - 110
120	0.9160	0.8643	0.8608	0.7808	0.8763	0.7808	0.8608	0.8643	110 - 120
130	1.131	1.167	1.156	1.099	1.108	1.099	1.156	1.167	120 - 130
140	1.307	1.414	1.418	1.343	1.267	1.343	1.418	1.414	130 - 140
150	1.458	1.625	1.586	1.502	1.418	1.502	1.586	1.625	140 - 150
160	1.617	1.785	1.785	1.613	1.601	1.613	1.785	1.785	150 - 160
170	1.816	1.920	1.968	1.753	1.792	1.753	1.968	1.920	160 - 170
180	2.024	2.032	2.215	2.044	2.000	2.044	2.215	2.032	170 - 180

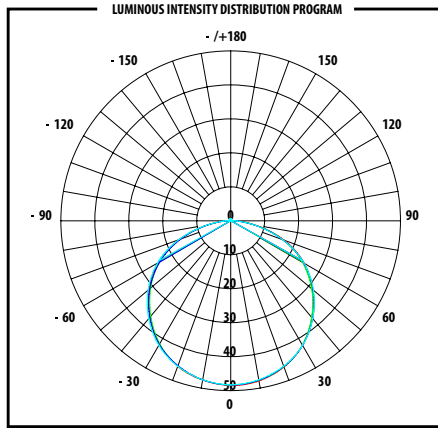


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 3528 24W LED STRIP LIGHT PHOTOMETRICS

## Red

SKU: SA-LS-RE-3528-300-24V



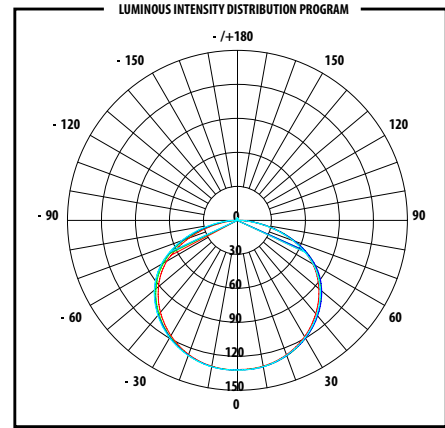
AVERAGE BEAM ANGLE (50%): 121.0 DEG

UNIT: cd

- C0 / 180, 121.5
- C30 / 210, 120.2
- C60 / 240, 120.5
- C90 / 270, 121.8

## Green

SKU: SA-LS-GR-3528-300-24V



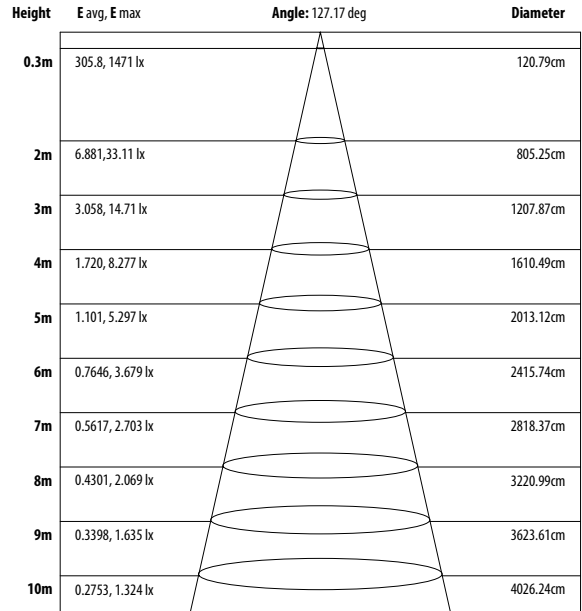
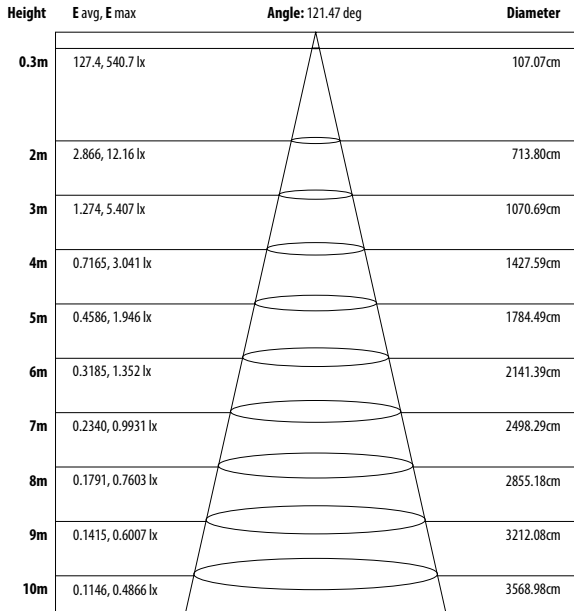
AVERAGE BEAM ANGLE (50%): 129.2 DEG

UNIT: cd

- C0 / 180, 127.2
- C30 / 210, 129.6
- C60 / 240, 130.4
- C90 / 270, 129.8

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	48.04	47.85	47.72	47.73	47.77	47.73	47.72	47.85	0 - 10
20	45.98	45.86	45.73	45.60	45.78	45.60	45.73	45.86	10 - 20
30	42.46	42.44	42.47	42.07	42.11	42.07	42.47	42.44	20 - 30
40	37.33	37.43	37.67	36.92	37.03	36.92	37.67	37.43	30 - 40
50	31.48	31.42	31.84	30.83	31.44	30.83	31.84	31.42	40 - 50
60	24.97	24.48	24.93	23.96	24.77	23.96	24.93	24.48	50 - 60
70	16.72	16.14	16.21	15.58	16.14	15.58	16.21	16.14	60 - 70
80	7.149	6.722	6.542	6.260	6.416	6.260	6.542	6.722	70 - 80
90	0.0534	0.5067	0.5962	0.6339	0.1148	0.6339	0.5962	0.5067	80 - 90
100	0	0.0399	0.0479	0.0439	0	0.0439	0.0479	0.0399	90 - 100
110	0.0797	0.1194	0.1594	0.1115	0.0956	0.1115	0.1594	0.1194	100 - 110
120	0.1593	0.2309	0.2711	0.2391	0.1829	0.2391	0.2711	0.2309	110 - 120
130	0.2232	0.3148	0.3745	0.3227	0.2389	0.3227	0.3745	0.3148	120 - 130
140	0.3104	0.4143	0.4462	0.3984	0.3265	0.3984	0.4462	0.4143	130 - 140
150	0.3506	0.4781	0.5099	0.4223	0.3664	0.4223	0.5099	0.4781	140 - 150
160	0.4301	0.5260	0.5578	0.4621	0.4222	0.4621	0.5578	0.5260	150 - 160
170	0.5020	0.5658	0.6216	0.5259	0.4939	0.5259	0.6216	0.5658	160 - 170
180	0.6374	0.6255	0.6852	0.6255	0.6135	0.6255	0.6852	0.6255	170 - 180

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	131.0	131.5	131.5	131.3	131.0	131.3	131.5	131.5	0 - 10
20	126.7	127.6	127.2	127.0	126.2	127.0	127.2	127.6	10 - 20
30	119.1	120.6	119.9	119.2	117.6	119.2	119.9	120.6	20 - 30
40	108.1	110.9	109.4	108.6	105.9	108.6	109.4	110.9	30 - 40
50	94.33	97.84	95.81	95.11	91.01	95.11	95.81	97.84	40 - 50
60	77.22	80.18	77.65	76.66	72.12	76.66	77.65	80.18	50 - 60
70	52.90	55.06	52.51	50.53	45.15	50.53	52.51	55.06	60 - 70
80	23.96	25.59	24.00	21.15	17.07	21.15	24.00	25.59	70 - 80
90	0.6828	3.919	4.007	2.476	0.2305	2.476	4.007	3.919	80 - 90
100	0.2388	0.2910	0.3427	0.3029	0.3420	0.3029	0.3427	0.2910	90 - 100
110	0.5970	0.6015	0.6616	0.6294	0.6689	0.6294	0.6616	0.6015	100 - 110
120	0.8682	0.9322	0.9963	0.9960	0.9877	0.9960	0.9963	0.9322	110 - 120
130	1.115	1.219	1.259	1.271	1.131	1.271	1.259	1.219	120 - 130
140	1.243	1.450	1.458	1.418	1.283	1.418	1.458	1.450	130 - 140
150	1.394	1.625	1.618	1.486	1.418	1.486	1.618	1.625	140 - 150
160	1.554	1.753	1.777	1.590	1.585	1.590	1.777	1.753	150 - 160
170	1.769	1.896	1.952	1.741	1.769	1.741	1.952	1.896	160 - 170
180	2.016	2.004	2.127	1.976	1.976	1.976	2.127	2.004	170 - 180

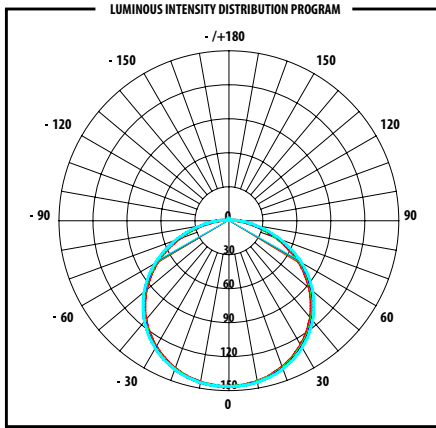


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 3528 24W LED STRIP LIGHT PHOTOMETRICS

## Blue

SKU: SA-LS-BL-3528-300-24V



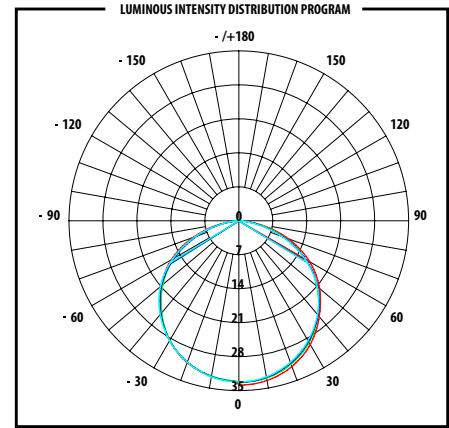
AVERAGE BEAM ANGLE (50%): 119.4 DEG

UNIT: cd

- C0 / 180, 117.7
- C30 / 210, 119.4
- C60 / 240, 120.1
- C90 / 270, 120.6

## Amber

SKU: SA-LS-AM-3528-300-24V



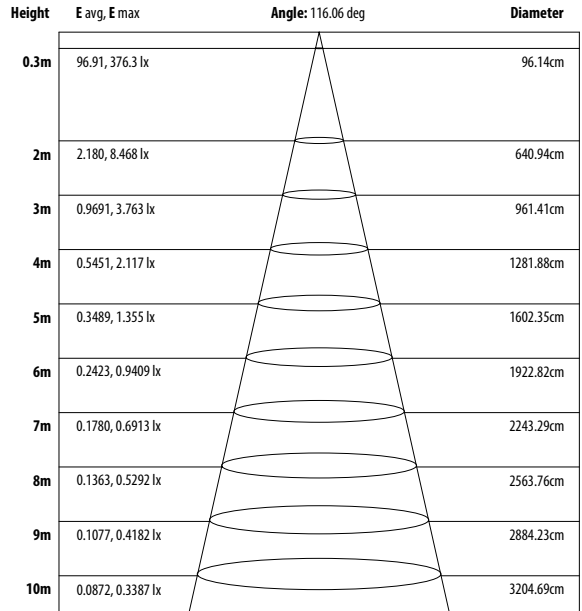
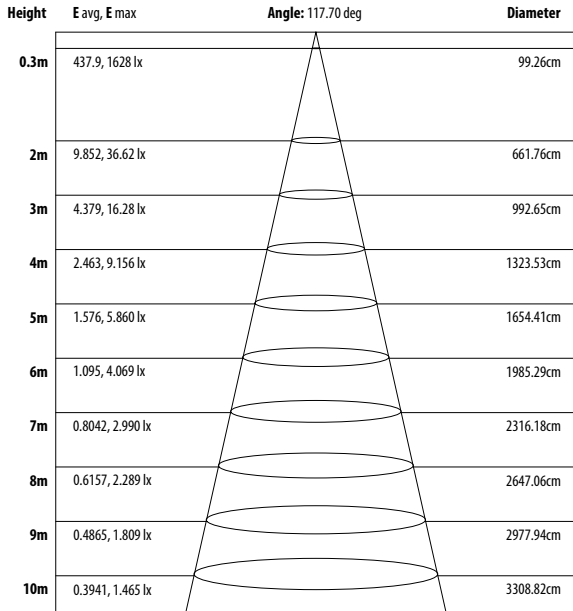
AVERAGE BEAM ANGLE (50%): 117.2 DEG

UNIT: cd

- C0 / 180, 118.4
- C30 / 210, 116.5
- C60 / 240, 116.8
- C90 / 270, 117.1

DEG.	Luminous Intensity: cd										DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	C315	g	
10	144.2	144.8	145.1	145.1	144.7	145.1	145.1	144.8	144.8	0 - 10	
20	137.8	139.0	139.6	139.5	138.6	139.5	139.6	139.0	139.0	10 - 20	
30	127.1	128.9	129.8	129.5	128.2	129.5	129.8	128.9	128.9	20 - 30	
40	112.2	114.4	115.5	115.1	113.5	115.1	114.4	114.4	114.4	30 - 40	
50	93.06	95.67	96.77	96.23	94.25	96.23	96.77	95.67	95.67	40 - 50	
60	69.87	72.79	73.98	73.21	70.88	73.21	73.98	72.79	72.79	50 - 60	
70	43.58	46.09	47.98	46.92	44.27	46.92	47.98	46.09	46.09	60 - 70	
80	17.67	20.68	22.19	20.75	18.01	20.75	22.19	20.68	20.68	70 - 80	
90	0.5705	3.687	4.973	3.328	0.4194	3.328	4.973	3.687	3.687	80 - 90	
100	0.2943	0.4383	0.7318	0.2590	0.2783	0.2590	0.7318	0.4383	0.4383	90 - 100	
110	0.6371	0.6054	0.6377	0.5696	0.6134	0.5696	0.6377	0.6054	0.6054	100 - 110	
120	0.9557	0.9482	1.012	0.8964	0.9476	0.8964	1.012	0.9482	0.9482	110 - 120	
130	1.203	1.271	1.315	1.239	1.163	1.239	1.315	1.271	1.271	120 - 130	
140	1.347	1.542	1.538	1.470	1.346	1.470	1.538	1.542	1.542	130 - 140	
150	1.522	1.753	1.721	1.625	1.498	1.625	1.721	1.753	1.753	140 - 150	
160	1.729	1.912	1.920	1.745	1.689	1.745	1.920	1.912	1.912	150 - 160	
170	1.928	2.056	2.112	1.876	1.896	1.876	2.112	2.056	2.056	160 - 170	
180	2.151	2.151	2.351	2.159	2.159	2.159	2.351	2.151	2.151	170 - 180	

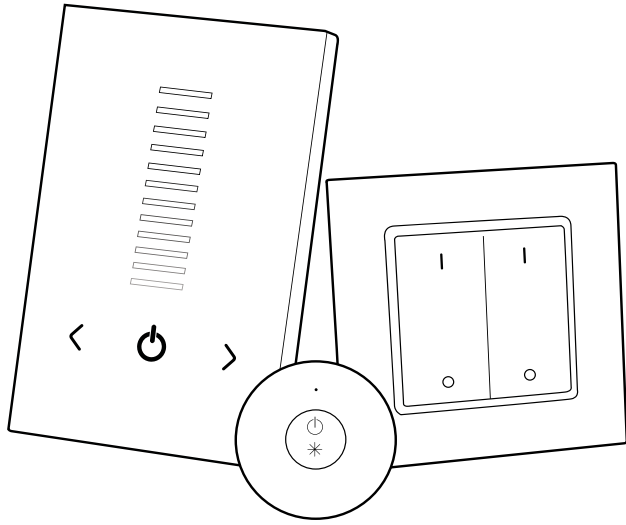
DEG.	Luminous Intensity: cd										DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	C315	g	
10	33.43	32.85	32.65	32.59	32.57	32.59	32.65	32.85	32.85	0 - 10	
20	31.98	31.34	31.06	31.06	31.15	31.06	31.06	31.34	31.34	10 - 20	
30	29.47	28.84	28.55	28.47	28.57	28.47	28.55	28.84	28.84	20 - 30	
40	25.81	25.37	25.25	24.90	24.98	24.90	25.25	25.37	25.37	30 - 40	
50	21.73	21.11	21.14	20.52	20.94	20.52	21.14	21.11	21.11	40 - 50	
60	16.90	15.84	15.78	15.29	16.08	15.29	15.78	15.84	15.84	50 - 60	
70	10.92	9.757	9.556	9.283	10.13	9.283	9.556	9.757	9.757	60 - 70	
80	4.556	3.758	3.478	3.284	3.839	3.284	3.478	3.758	3.758	70 - 80	
90	0.0187	0.2552	0.2620	0.1558	0.0019	0.1558	0.2620	0.2552	0.2552	80 - 90	
100	0	0	0	0	0	0	0	0	0	90 - 100	
110	0	0.0359	0.0638	0.0279	0	0.0279	0.0638	0.0359	0.0359	100 - 110	
120	0.0714	0.1154	0.1515	0.1235	0.0796	0.1235	0.1515	0.1154	0.1154	110 - 120	
130	0.1036	0.1713	0.2152	0.1833	0.1035	0.1833	0.2152	0.1713	0.1713	120 - 130	
140	0.1355	0.2669	0.2709	0.2430	0.1432	0.2430	0.2709	0.2669	0.2669	130 - 140	
150	0.2070	0.2908	0.3107	0.2670	0.2072	0.2670	0.3107	0.2908	0.2908	140 - 150	
160	0.2231	0.3107	0.3427	0.2789	0.2311	0.2789	0.3427	0.3107	0.3107	150 - 160	
170	0.2946	0.3585	0.3904	0.3027	0.2708	0.3027	0.3904	0.3585	0.3585	160 - 170	
180	0.3586	0.3625	0.3904	0.3665	0.3586	0.3665	0.3904	0.3625	0.3625	170 - 180	



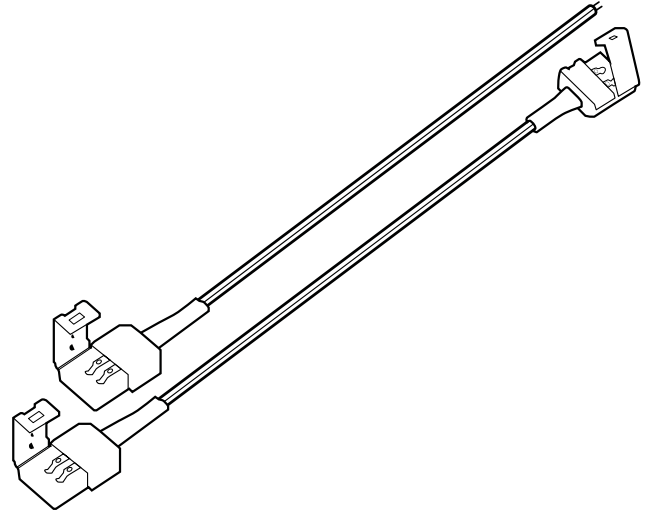
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

# 3528 24W LED STRIP LIGHT ACCESSORIES

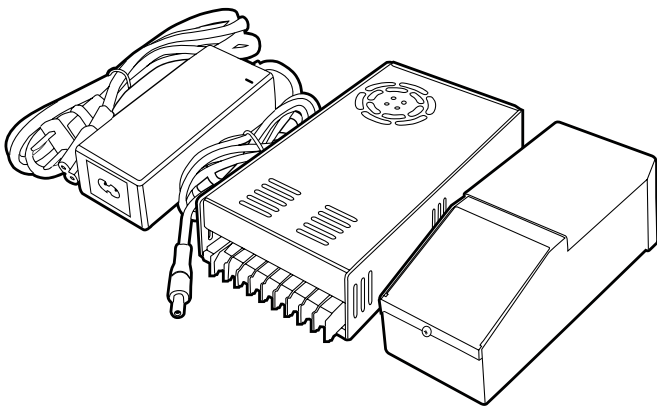
## Dimmers



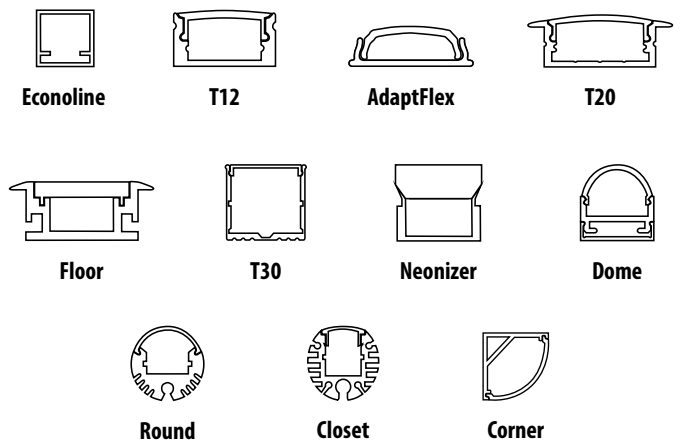
## LED Strip Connectors



## Power Supplies

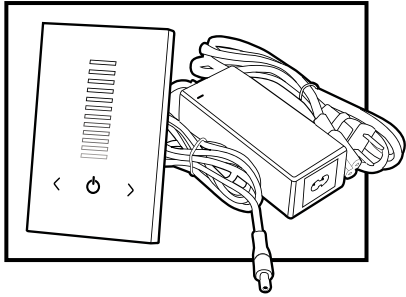


## LED Strip Channels

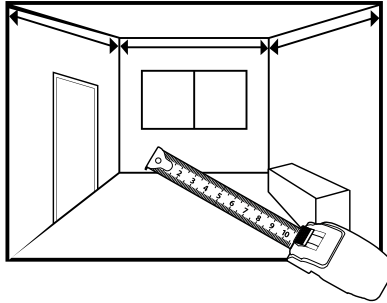


# 3528 24W LED STRIP LIGHT INSTALLATION GUIDE

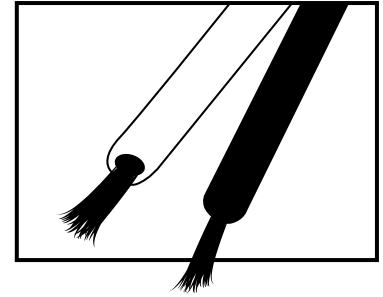
1. Determine where to install the Driver and optional Dimmer.



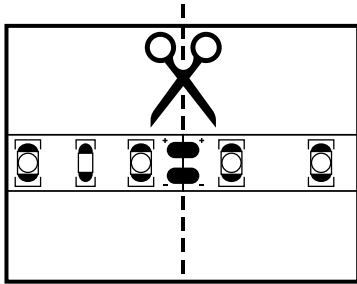
2. Determine the measurement of area where LED Strip Lights will be placed.



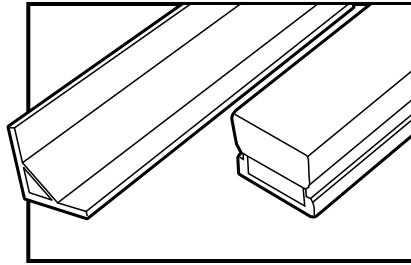
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



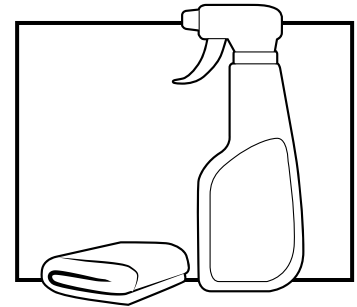
4. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.



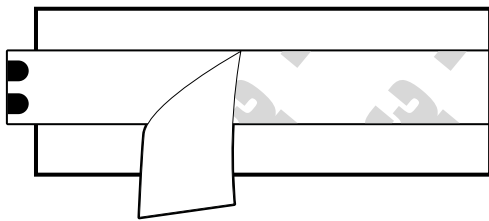
5. If using Channels, cut or extend them to fit size of the installation area



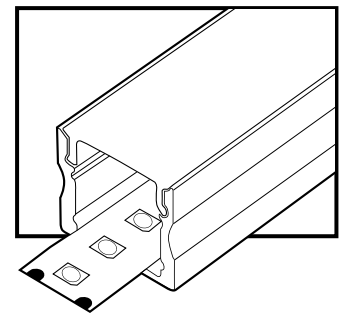
6. Thoroughly clean the surface where the LED Strip will be mounted.



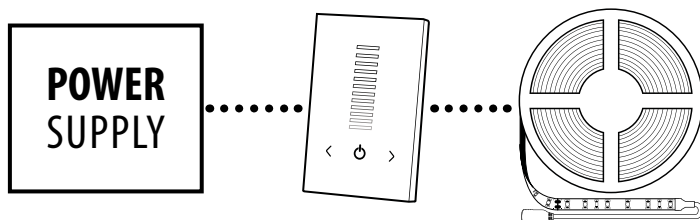
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



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.



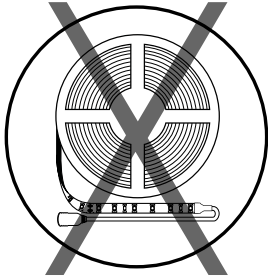
9. Power up and enjoy!

**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.

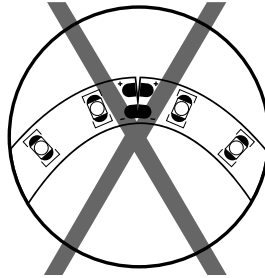


# 3528 24W LED STRIP LIGHT WARNINGS

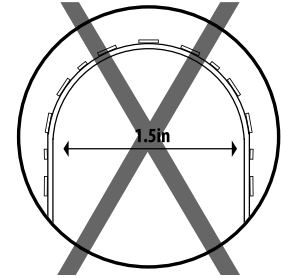
**Do not** power LED Strip still coiled in spool.



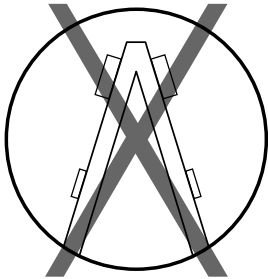
**Do not** bend LED Strip sideways.



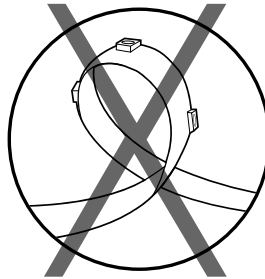
**Do not** bend LED strips to a diameter less than 1.5 inches.



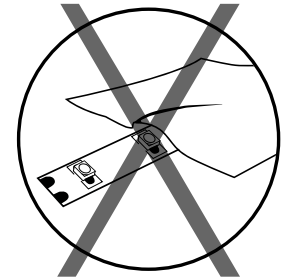
**Do not** fold or crease LED Strip.



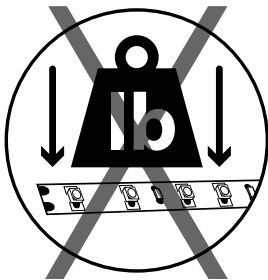
**Do not** twist LED Strip.



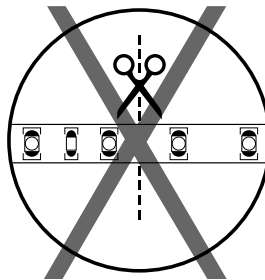
**Do not** cover LED Strip with anything other than LED Channel Diffusers.



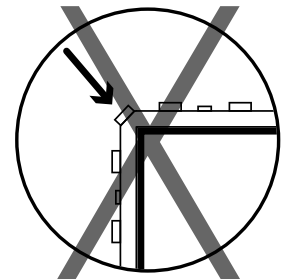
**Do not** put direct excessive pressure on the LED surface.



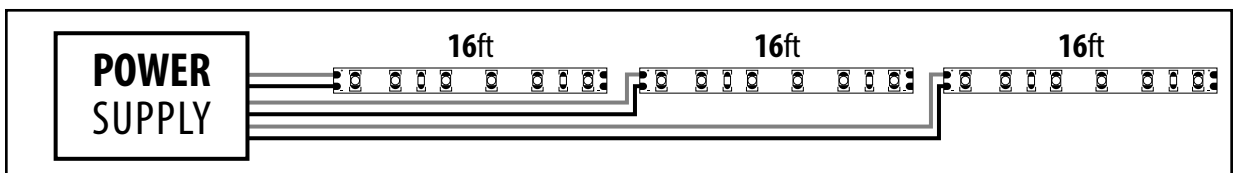
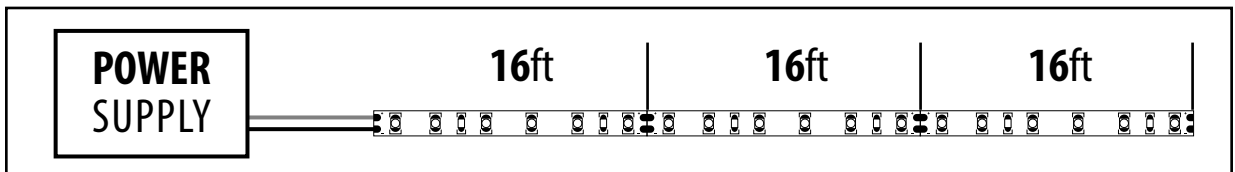
**Do not** cut LED Strips except at designated cutting points.



**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.



# 3528 24W LED STRIP LIGHT SAFETY & WARRANTY

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## 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** 24W 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.