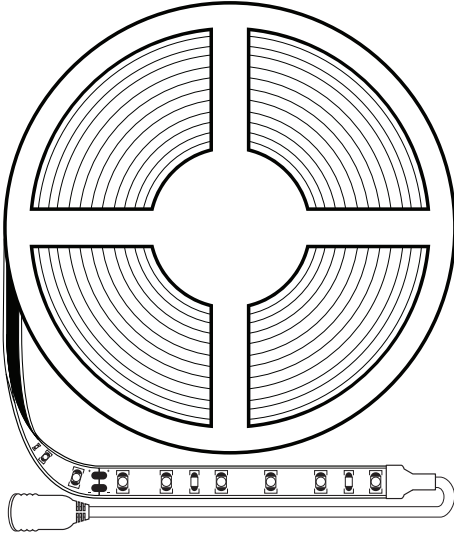


3528 WATERPROOF 24W LED STRIP LIGHT



Product Description

Solid Apollo's Waterproof 3528 24W LED Strip Lights are the perfect lighting solution for any Outdoor Application that requires ambient 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 drastically 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 3528 24W 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.
- 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.
- Waterproofed Barrel connector for easy plug-and-play with compatible Power Supply.
- Variety of colors and white color temperatures to choose from (see table below).

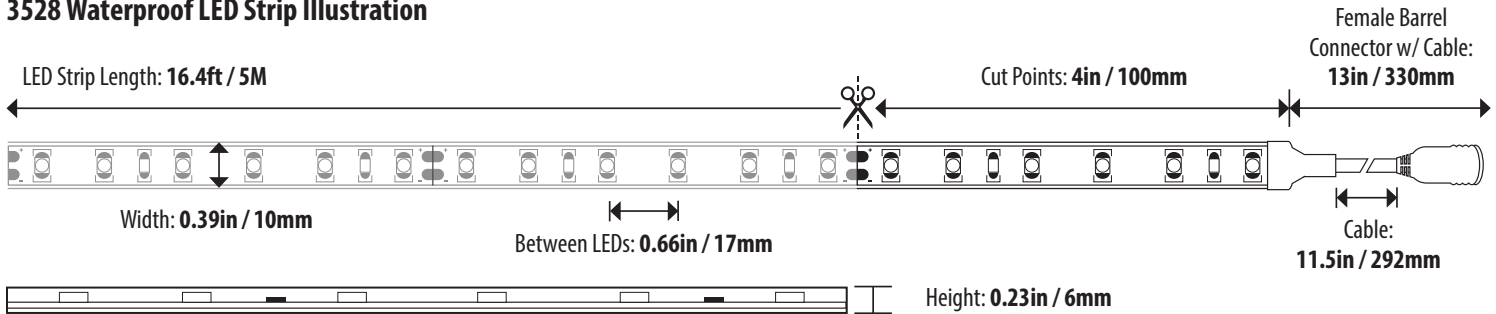
300 LEDs
16.4ft

**UP TO 130+
LUMENS / FT**

Quick Spec.

- | | | | |
|--------------------------|--------|-------------------------------|------------------------|
| • Fully Dimmable: | Yes | • UL Rating #: | E493881 |
| • Voltage: | 24V DC | • PCB Width: | 10mm / 0.39in |
| • Total Wattage: | 24W | • Dimensions: | 196.8" x 0.39" x 0.23" |
| • Beam Angle: | 120° | • Working Temperature: | -40° to 122°F |

3528 Waterproof LED Strip Illustration



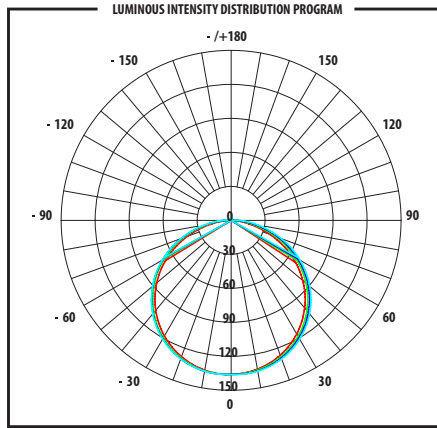
Technical Information

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-3528-300-IP67-24V	2400K	300	64	24W	SMD 3528	82+	4in / 100mm
Super Warm White	SA-LS-SWW-3528-300-IP67-24V	2700K	300	109	24W	SMD 3528	82+	4in / 100mm
Warm White	SA-LS-WW-3528-300-IP67-24V	3100K	300	118	24W	SMD 3528	82+	4in / 100mm
Daylight White	SA-LS-DLW-3528-300-IP67-24V	4000K	300	137	24W	SMD 3528	82+	4in / 100mm
Natural White	SA-LS-NW-3528-300-IP67-24V	5000K	300	137	24W	SMD 3528	82+	4in / 100mm
White	SA-LS-W-3528-300-IP67-24V	6000K	300	137	24W	SMD 3528	82+	4in / 100mm
Red	SA-LS-RE-3528-300-IP67-24V	N/A	300	N/A	24W	SMD 3528	N/A	4in / 100mm
Green	SA-LS-GR-3528-300-IP67-24V	N/A	300	N/A	24W	SMD 3528	N/A	4in / 100mm
Blue	SA-LS-BL-3528-300-IP67-24V	N/A	300	N/A	24W	SMD 3528	N/A	4in / 100mm
Amber	SA-LS-AM-3528-300-IP67-24V	2000K	300	11	24W	SMD 3528	N/A	4in / 100mm

3528 WATERPROOF 24W LED STRIP LIGHT PHOTOMETRICS

Candlelight Warm White (2400K)

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

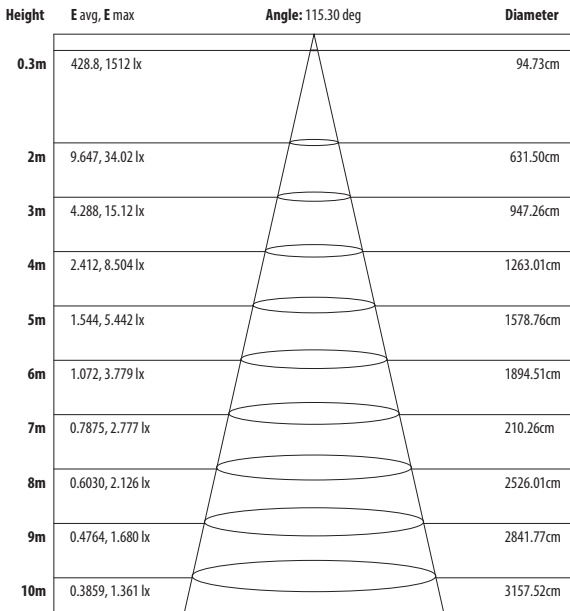


AVERAGE BEAM ANGLE (50%): 119.2 DEG

UNIT: cd

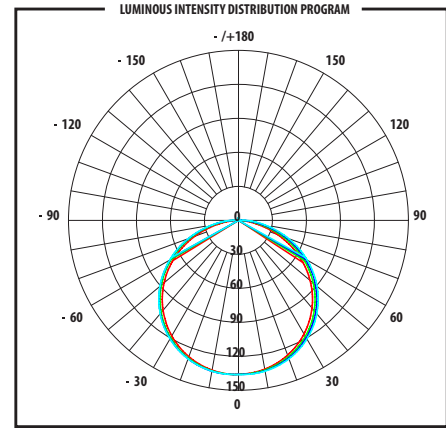
CO / 180, 115.3 C60 / 240, 120.9
 C30 / 210, 118.8 C90 / 270, 121.9

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



Super Warm White (2700K)

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

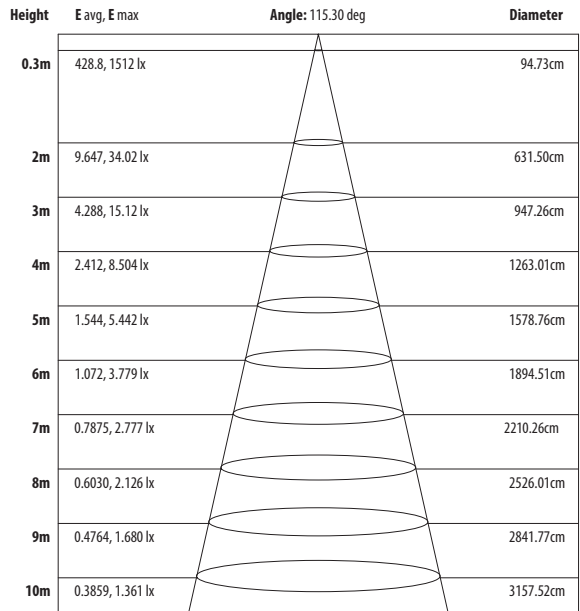


AVERAGE BEAM ANGLE (50%): 119.2 DEG

UNIT: cd

CO / 180, 115.3 C60 / 240, 120.9
 C30 / 210, 118.8 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	134.5	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

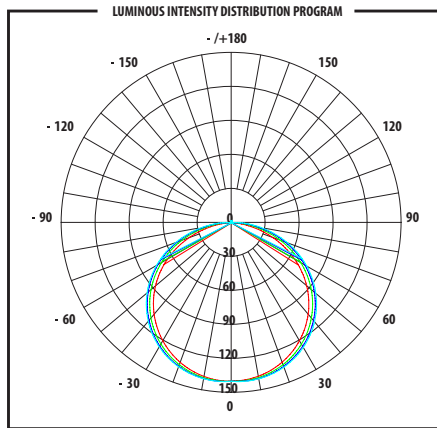


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

3528 WATERPROOF 24W LED STRIP LIGHT PHOTOMETRICS

Warm White (3100K)

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



AVERAGE BEAM ANGLE (50%): 121.9 DEG

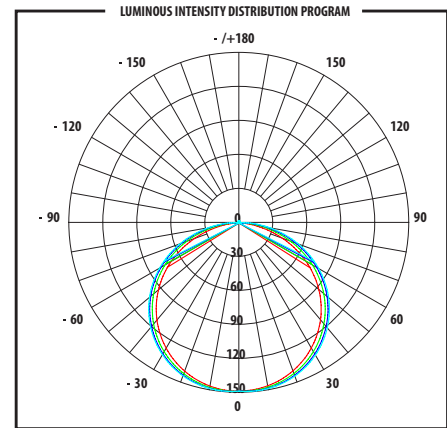
UNIT: cd

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

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	

Daylight White (4000K)

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



AVERAGE BEAM ANGLE (50%): 121.2 DEG

UNIT: cd

CO / 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	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		

Height	E avg, E max	Angle: 115.95 deg	Diameter
0.3m	45.4, 1571 lx		95.92cm
2m	10.22, 35.34 lx		639.50cm
3m	4.544, 15.71 lx		959.25cm
4m	2.556, 8.835 lx		1279.00cm
5m	1.636, 5.655 lx		1598.74cm
6m	1.136, 3.927 lx		1918.49cm
7m	0.8346, 2.885 lx		2238.24cm
8m	0.6390, 2.209 lx		2557.99cm
9m	0.5049, 1.745 lx		2877.74cm
10m	0.4089, 1.414 lx		3197.49cm

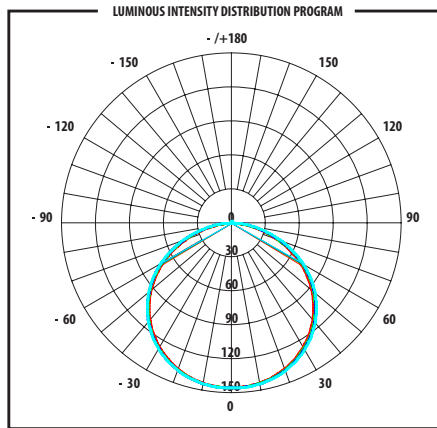
Height	E avg, E max	Angle: 121.47 deg	Diameter
0.3m	450.3, 1655 lx		98.08cm
2m	10.13, 37.23 lx		653.88cm
3m	4.503, 16.55 lx		980.82cm
4m	2.533, 9.307 lx		1307.75cm
5m	1.621, 5.956 lx		1634.69cm
6m	1.126, 4.136 lx		1961.63cm
7m	0.8271, 3.039 lx		2288.57cm
8m	0.6332, 2.327 lx		2615.51cm
9m	0.5003, 1.838 lx		2942.45cm
10m	0.4053, 1.489 lx		3269.38cm

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

3528 WATERPROOF 24W LED STRIP LIGHT PHOTOMETRICS

Natural White (5000K)

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



AVERAGE BEAM ANGLE (50%): 119.4 DEG

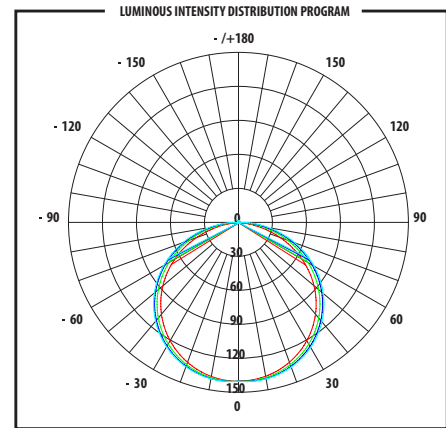
UNIT: cd

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

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	145.1	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

White (6000K)

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

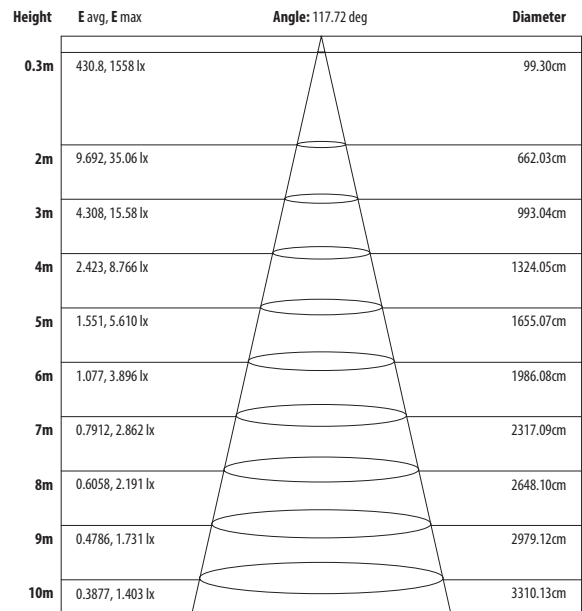
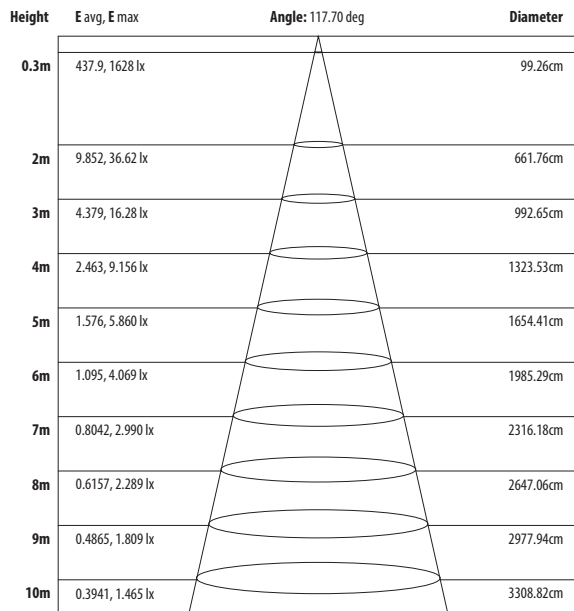


AVERAGE BEAM ANGLE (50%): 123.4 DEG

UNIT: cd

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

DEG.	Luminous Intensity: cd								DEG.
g	C0	C45	C90	C135	C180	C225	C270	C315	g
10	137.5	139.0	139.6	139.6	138.6	139.6	139.6	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

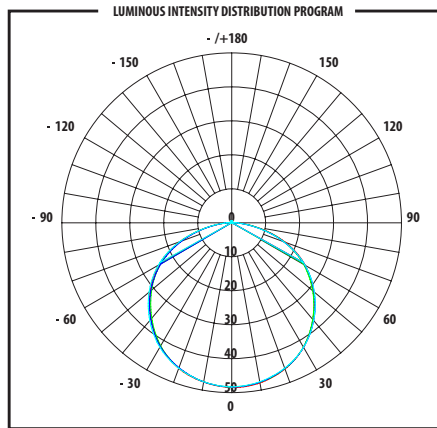


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

3528 WATERPROOF 24W LED STRIP LIGHT PHOTOMETRICS

Red

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



AVERAGE BEAM ANGLE (50%): 121.0 DEG

UNIT: cd

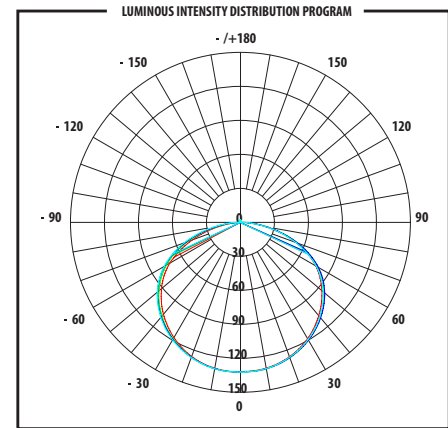
— C0 / 180, 121.5 — C60 / 240, 120.5
— C30 / 210, 120.2 — C90 / 270, 121.8

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

Height	E avg, E max	Angle: 121.47 deg	Diameter
0.3m	127.4, 540.7 lx		107.07cm
2m	2.866, 12.16 lx		713.80cm
3m	1.274, 5.407 lx		1070.69cm
4m	0.7165, 3.041 lx		1427.59cm
5m	0.4586, 1.946 lx		1784.49cm
6m	0.3185, 1.352 lx		2141.39cm
7m	0.2340, 0.9931 lx		2498.29cm
8m	0.1791, 0.7603 lx		2855.18cm
9m	0.1415, 0.6007 lx		3212.08cm
10m	0.1146, 0.4866 lx		3568.98cm

Green

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



AVERAGE BEAM ANGLE (50%): 129.2 DEG

UNIT: cd

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

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

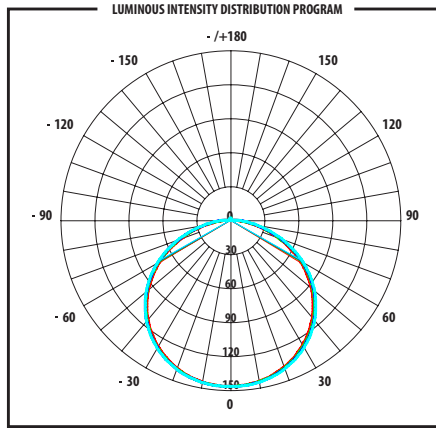
Height	E avg, E max	Angle: 127.17 deg	Diameter
0.3m	305.8, 1471 lx		120.79cm
2m	6.881, 33.11 lx		805.25cm
3m	3.058, 14.71 lx		1207.87cm
4m	1.720, 8.277 lx		1610.49cm
5m	1.101, 5.297 lx		2013.12cm
6m	0.7646, 3.679 lx		2415.74cm
7m	0.5617, 2.703 lx		2818.37cm
8m	0.4301, 2.069 lx		3220.99cm
9m	0.3398, 1.635 lx		3623.61cm
10m	0.2753, 1.324 lx		4026.24cm

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

3528 WATERPROOF 24W LED STRIP LIGHT PHOTOMETRICS

Blue

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

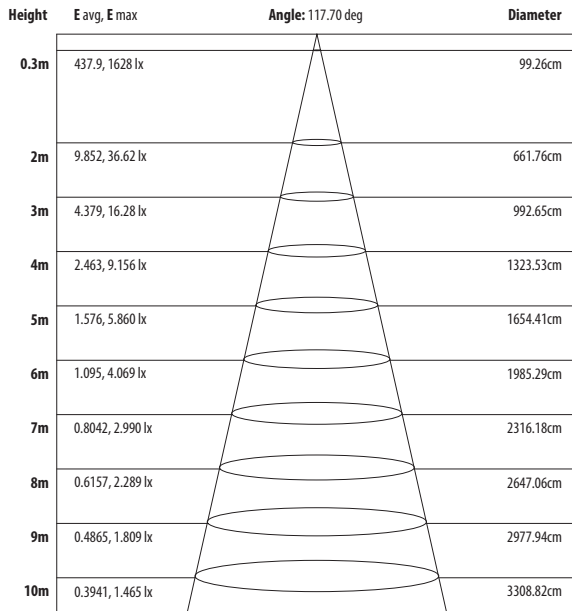


AVERAGE BEAM ANGLE (50%): 119.4 DEG

UNIT: cd

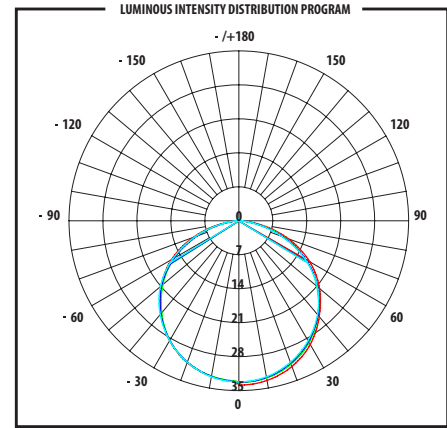
CO / 180, 117.7 C60 / 240, 120.1
 C30 / 210, 119.4 C90 / 270, 120.6

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



Amber

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

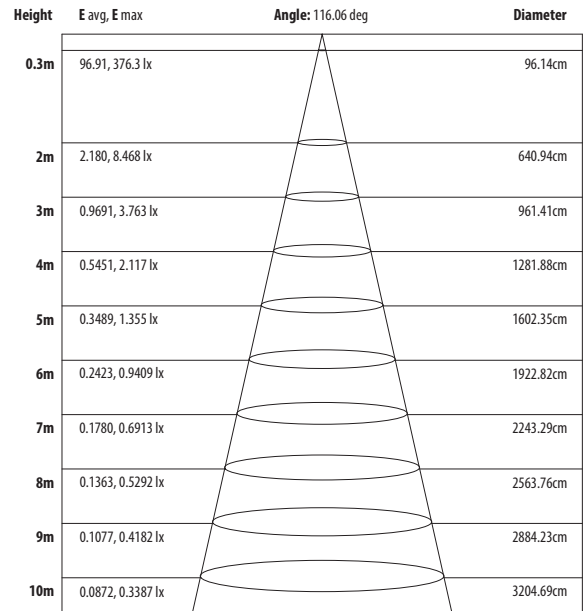


AVERAGE BEAM ANGLE (50%): 117.2 DEG

UNIT: cd

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

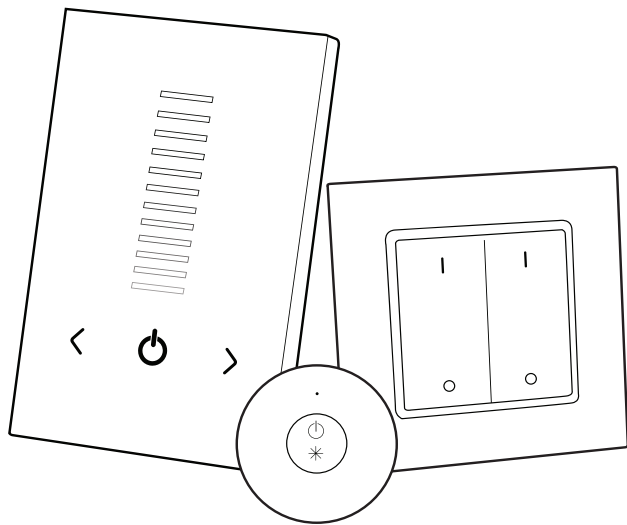
DEG.		Luminous Intensity: cd								DEG.	
g	C0	C45	C90	C135	C180	C225	C270	C315	g		
10	33.43	32.85	32.65	32.59	32.57	32.59	32.65	32.85	0 - 10		
20	31.98	31.34	31.06	31.06	31.15	31.06	31.06	31.34	10 - 20		
30	29.47	28.84	28.55	28.47	28.57	28.47	28.55	28.84	20 - 30		
40	25.81	25.37	25.25	24.90	24.98	24.90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



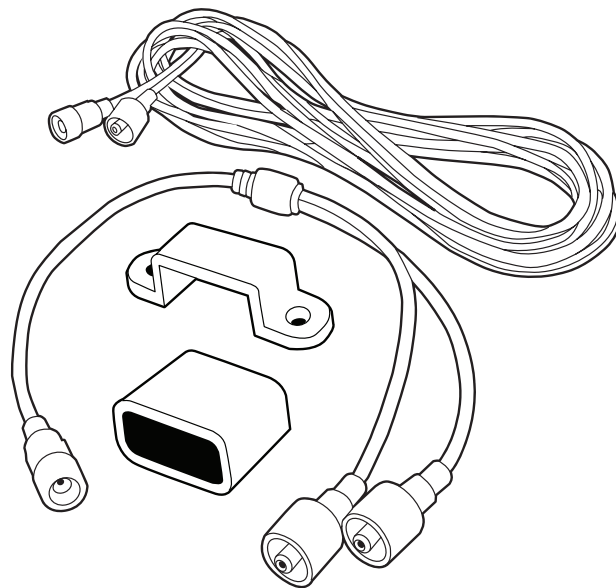
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

3528 WATERPROOF 24W LED STRIP LIGHT ACCESSORIES

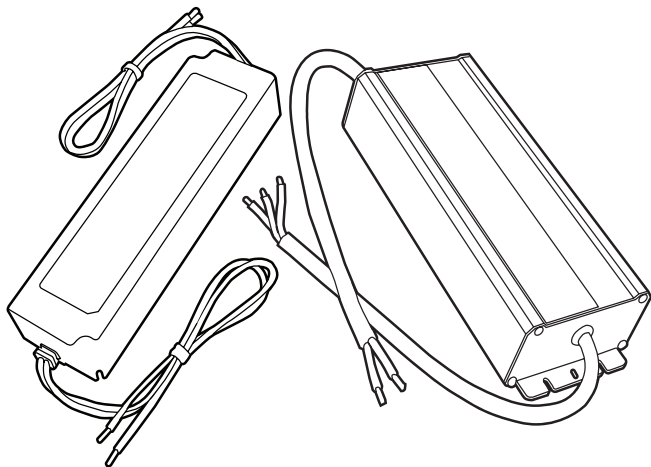
Dimmers



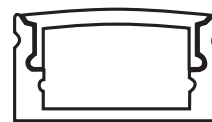
LED Strip Connectors



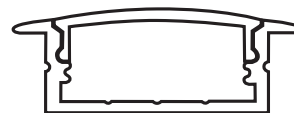
Power Supplies



LED Strip Channels



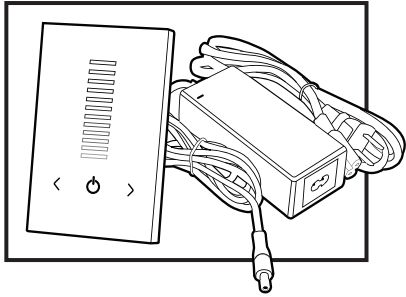
T12



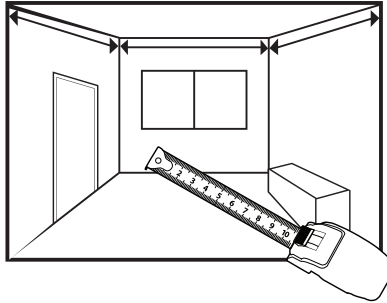
T20

3528 WATERPROOF 24W LED STRIP LIGHT INSTALLATION GUIDE

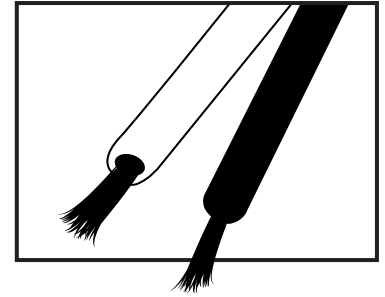
1. Determine where to install the Driver and optional Dimmer.



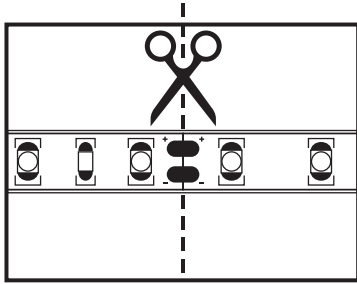
2. Determine the measurement of area where LED Strip Lights will be placed.



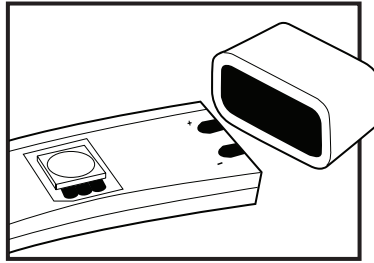
3. Determine how much wire needed (Driver to Dimmer, Dimmer to LED Strips).



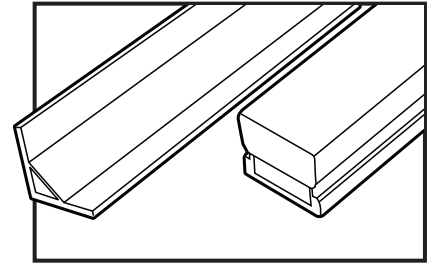
4. A. Cut LED Strip Lights (at cutting points) to fit or Join multiple Strips as recommended to cover installation area.



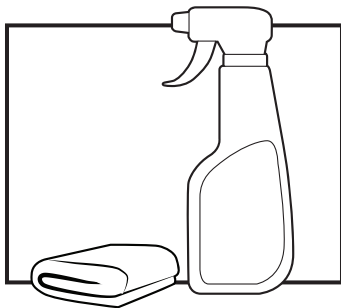
- B. If strip is cut, ensure proper re-waterproofing with an Endcap and silicon glue.



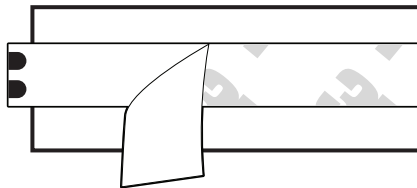
5. If using Channels, cut or extend them to fit size of the installation area



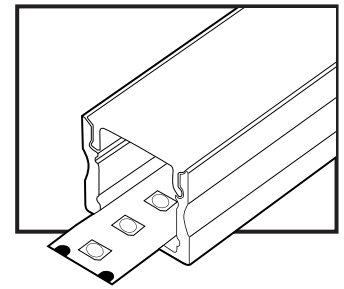
6. Thoroughly clean the surface where the LED Strip will be mounted.



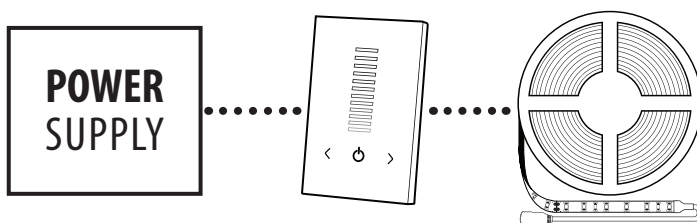
7. A. Peel the 3M Tape cover from the back of the LED Strips and mount it on surface.



- 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.

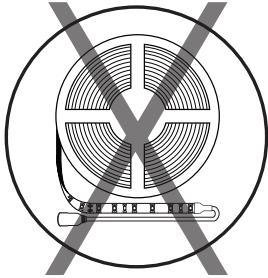


9. Power up and enjoy!

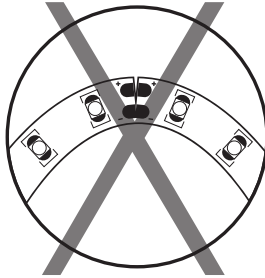
Note: If you have questions and concerns regarding the installation process. Please feel free to contact us at 425.582.7533. We will gladly assist you.

3528 WATERPROOF 24W LED STRIP LIGHT WARNINGS

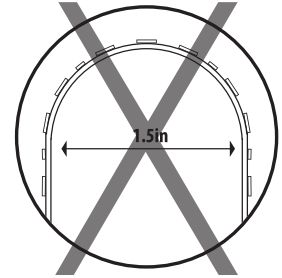
Do not power LED Strip still coiled in spool.



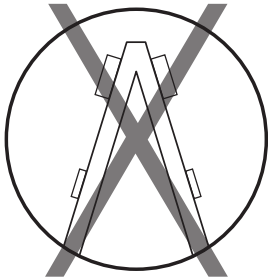
Do not bend LED Strip sideways.



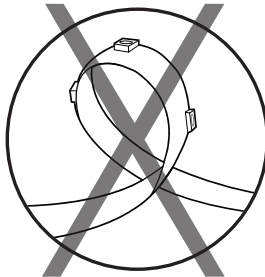
Do not bend LED strips to a diameter less than 1.5 inches.



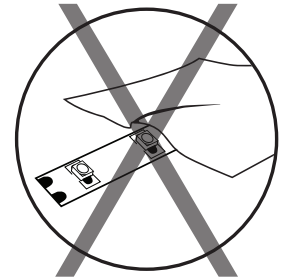
Do not fold or crease LED Strip.



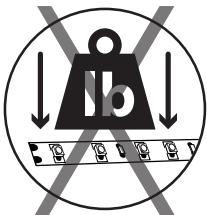
Do not twist LED Strip.



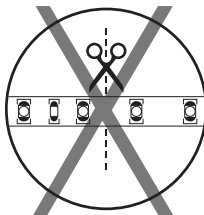
Do not cover LED Strip with anything other than LED Channel Diffusers.



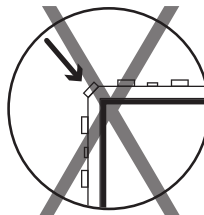
Do not put direct excessive pressure on the LED surface.



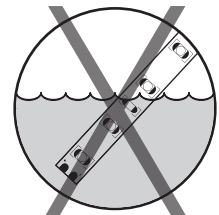
Do not cut LED Strips except at designated cutting points.



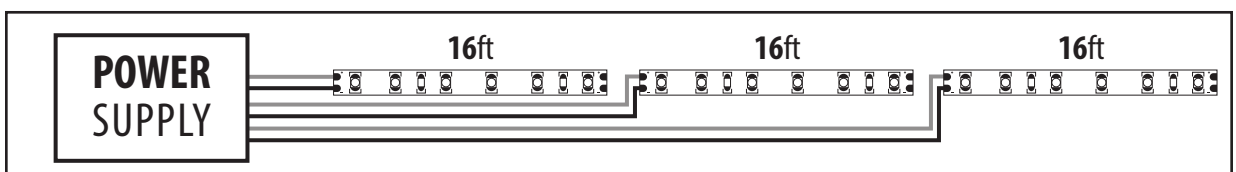
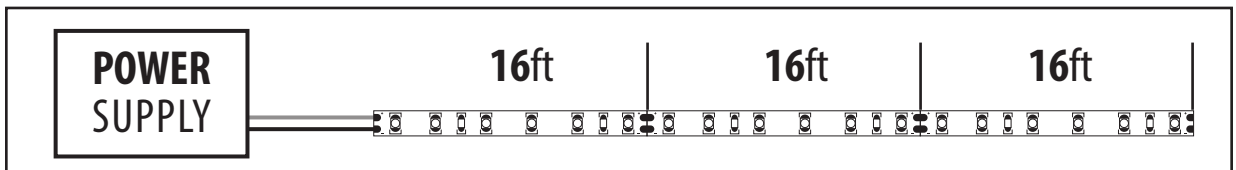
Do not position LED at an angled surface where it is pressed.



Do not submerge LED Strip Lights.



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



3528 WATERPROOF 24W 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 **3528** Waterproof 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 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.