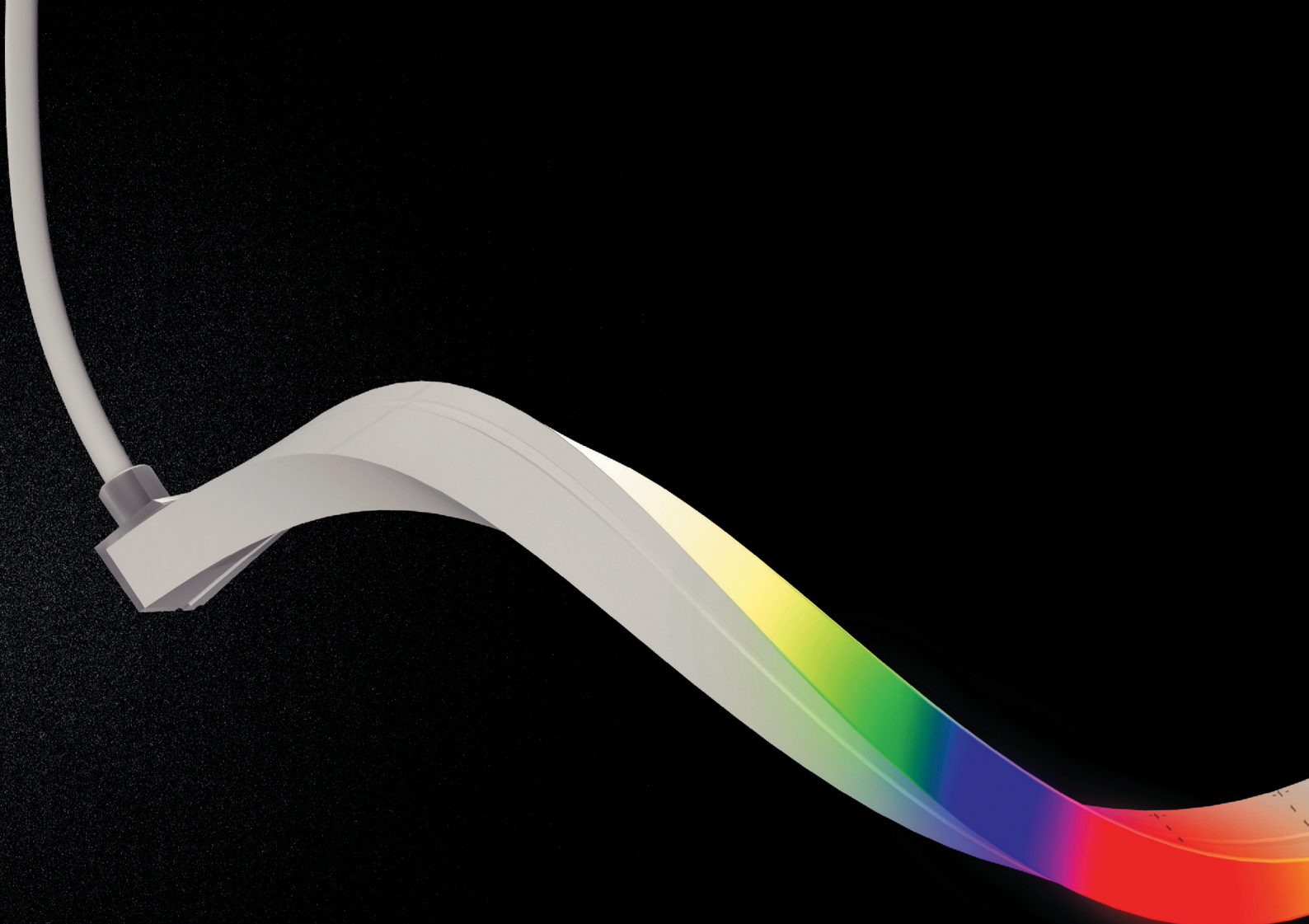


Silicone LED Neon Flex





Resistance

UV resistance, Chemical resistance,
Saltwater resistance, Solvent resistance
Flame resistance, Impact resistance,
Concussion resistance, Abrasion resistance

CCT/Color Options

Wide range CCT in Static white and tunable white
Good CRI from Ra>80 to Ra>98
RGB, RGBW, and Digital DMX512 optional





IP68 IK08/10

Suitable for swimming pool, underwater in 3m deep water.

Customization

Random cutting and customized size is making the LED neon flex becoming unique & standard lighting idea.

Accessories

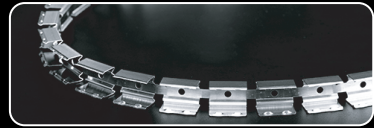
Seamless cable entry and end



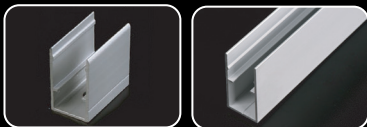
IP68 molding cable entry and end



Bendable stainless steel clips

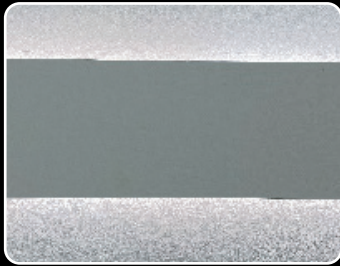


Alu. clips and mounting profiles



Silicone LED Neon Flex

The COM-Opal LED neon strip features a dot-free lighting, longer lifespan, High efficacy and high CRI. It is designed to provide consistent flexible linear lighting for the art and creative industries. Lumimore owns many typical series; like Side Bending, Top Bending, 360° Omni-directional, Free Bending in high efficacy, high CRI (White LED only). They're designed to provide high quality linear lighting for a wide variety of applications.



Even & Dotless

Even and dotless lighting performance both for direct & indirect light.



High efficacy

High lighting transmission rate, up to 90%, The high lumen output solution is suitable for decorative and illumination lighting purpose.



Good thermal management

The silicone thermal conductivity is 0.27W/MK, which is much higher than PVC 0.14W/MK, it helps better thermal management on LED strip.



Ultra-Flexible

Reliable structure design makes the product flexible in bending and twisting. Concussion and abrasion resistance.



High Ingress Protection

The IP67 and IP68 is coming true by adopting the superior design and manufacturing craft on the cable and cap.



Weather resistance

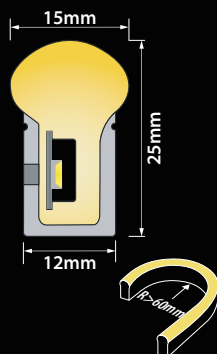
Storage temp. : -50~150°C
Ambient temp. : -25 ~ 45°C

Side Bend / Horizontal Series

The Side / Horizontal bending LED neon flex features dot-free lighting, longer lifespan and High efficacy, high CRI, it is designed to provide consistent linear lighting for a wide variety of applications for cove lighting and indirect lighting in hotels, restaurants, shops, offices and homes.

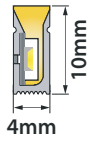


CM1225D IP68



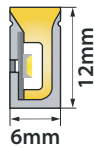
COLOR	CCT	MIN. CUT	POWER W/m				
			6	10	14.4	15	19.2
● Static White	2200K	50	162	270	-	405	-
	2700K	50	180	300	-	450	-
	3000K	50	192	320	-	480	-
	4000K	50	204	340	-	510	-
	5700K	50	204	340	-	510	-
● Tunable White	2200+5700K	62.5	180	300	-	450	-
● RGB	-	71.4	78	130	-	195	-
● RGBW	2200~5700K	71.4	90	150	-	225	-
○ Pixel RGB	-	100	-	-	187	-	-
○ Pixel RGBW	2200~5700K	100	-	-	-	-	288

CM0410F



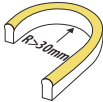
COLOR	CCT	MIN. CUT	POWER W/m		
			6	10	15
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	162	270	405
	2700K	50	180	300	450
	3000K	50	192	320	480
	4000K	50	204	340	510
	5700K	50	204	340	510
● Tunable White	2200+5700K	50	180	300	450

CM0612F



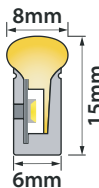
COLOR	CCT	MIN. CUT	POWER W/m		
			6	10	15
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	162	270	405
	2700K	50	180	300	450
	3000K	50	192	320	480
	4000K	50	204	340	510
	5700K	50	204	340	510
● Tunable White	2200+5700K	50	180	300	450
● RGB	-	50	78	130	195

CM0613D



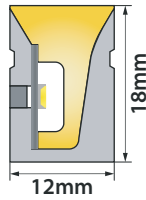
COLOR	CCT	MIN. CUT	POWER W/m		
			6	10	15
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	192	320	480
	2700K	50	210	350	525
	3000K	50	228	380	570
	4000K	50	240	400	600
	5700K	50	240	400	600
● Tunable White	2200+5700K	50	210	350	525
● RGB	-	50	90	150	225

CM0615D



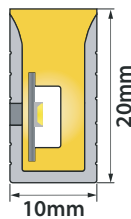
COLOR	CCT	MIN. CUT	POWER W/m		
			6	10	15
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	192	320	480
	2700K	50	210	350	525
	3000K	50	228	380	570
	4000K	50	240	400	600
	5700K	50	240	400	600
● Tunable White	2200+5700K	50	210	350	525
● RGB	-	50	90	150	225

CM1218F



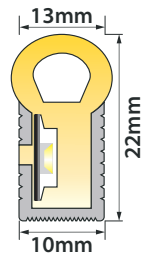
COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
● Static White	2200K	50	228	380	-	570	-	760
	2700K	50	240	400	-	600	-	800
	3000K	50	252	420	-	630	-	840
	4000K	50	270	450	-	675	-	900
	5700K	50	270	450	-	675	-	900
● Tunable White	2200+5700K	62.5	240	400	-	600	-	800
● RGB	-	50	102	170	-	255	-	340
● RGBW	2200~5700K	71.4	120	200	-	300	-	400
○ Pixel RGB	-	100	-	-	245	-	-	-
○ Pixel RGBW	2200~5700K	100	-	-	-	-	384	-

CM1020F



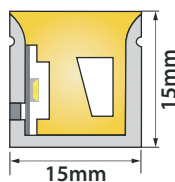
COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
● Static White	2200K	50	228	380	-	570	-	760
	2700K	50	240	400	-	600	-	800
	3000K	50	252	420	-	630	-	840
	4000K	50	270	450	-	675	-	900
	5700K	50	270	450	-	675	-	900
● Tunable White	2200+5700K	62.5	240	400	-	600	-	800
● RGB	-	50	102	170	-	255	-	340
● RGBW	2200~5700K	71.4	120	200	-	300	-	400
○ Pixel RGB	-	100	-	-	245	-	-	-
○ Pixel RGBW	2200~5700K	100	-	-	-	-	384	-

CM1022D



COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
● Static White	2200K	50	228	380	-	570	-	760
	2700K	50	240	400	-	600	-	800
	3000K	50	252	420	-	630	-	840
	4000K	50	270	450	-	675	-	900
	5700K	50	270	450	-	675	-	900
● Tunable White	2200+5700K	62.5	240	400	-	600	-	800
● RGB	-	50	102	170	-	255	-	340
● RGBW	2200~5700K	71.4	120	200	-	300	-	400
○ Pixel RGB	-	100	-	-	245	-	-	-
○ Pixel RGBW	2200~5700K	100	-	-	-	-	384	-

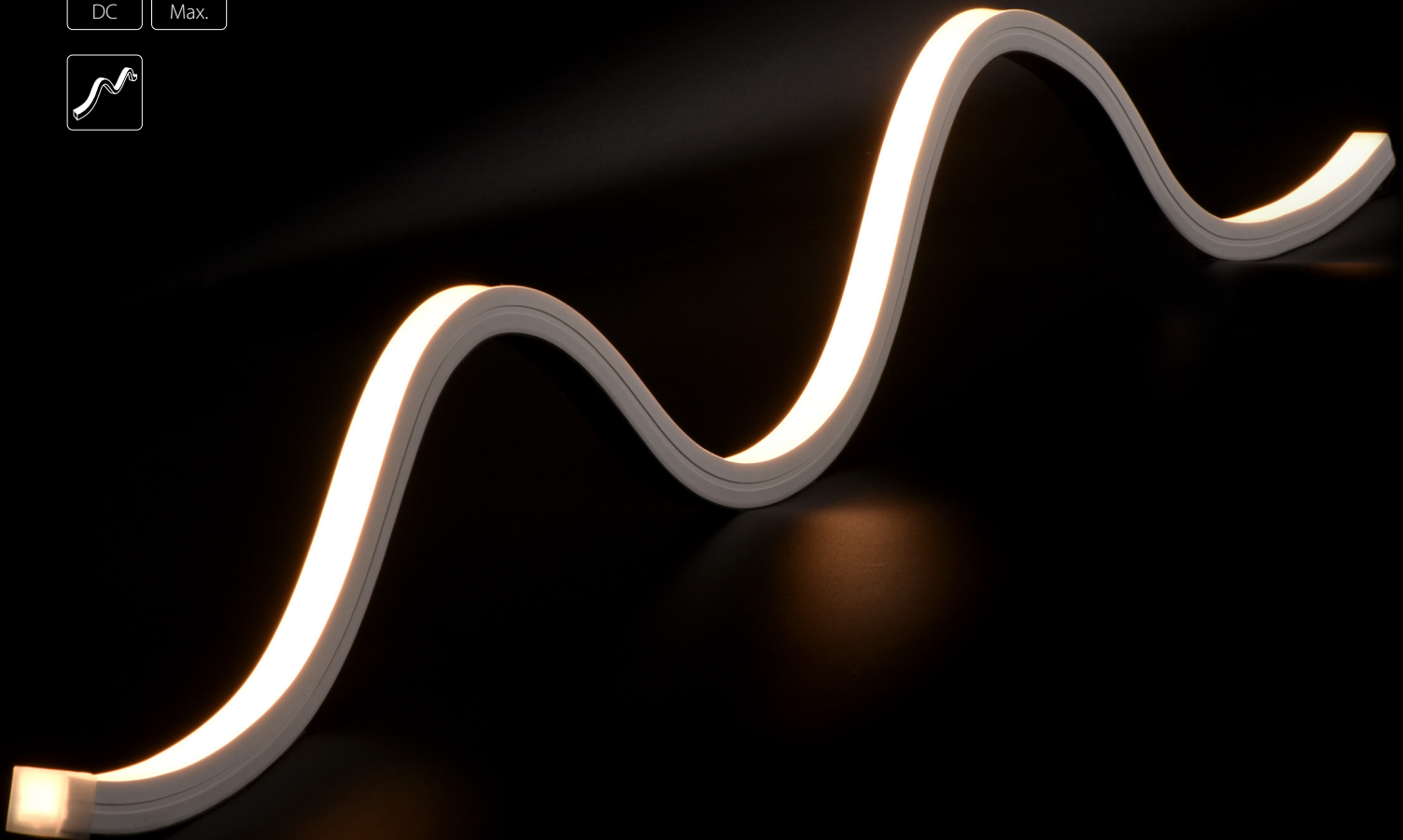
CM1515F



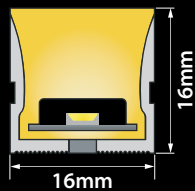
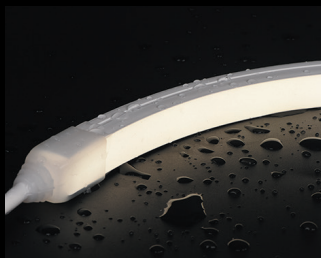
COLOR	CCT	MIN. CUT	POWER W/m		
			6	10	15
● Static White	2200K	50	222	370	555
	2700K	50	240	400	600
	3000K	50	258	430	645
	4000K	50	270	450	675
	5700K	50	270	450	675
● Tunable White	2200+5700K	50	240	400	600

Top Bend / Vertical Series

The Top / vertical bending LED neon flex features dot-free lighting, longer lifespan and High efficacy, high CRI, it is designed to provide consistent linear lighting for a wide variety of applications for cove lighting and indirect lighting in hotels, restaurants, shops, offices and homes.

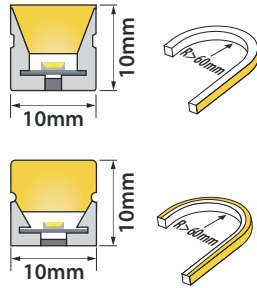


CM1616F IP68



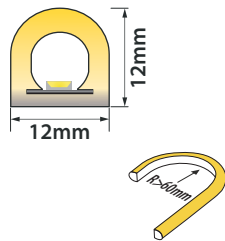
COLOR	CCT	MIN. CUT	POWER W/m				
			6	10	14.4	15	19.2
● Static White		mm	lm/m	lm/m	lm/m	lm/m	lm/m
	2200K	50	276	460	-	690	-
	2700K	50	300	500	-	750	-
	3000K	50	318	530	-	795	-
	4000K	50	342	570	-	855	-
● Tunable White	2200+5700K	62.5	300	500	-	750	-
● RGB	-	71.4	156	260	-	390	-
● RGBW	2200~5700K	71.4	210	350	-	525	-
● Pixel RGB	-	100	-	-	230	-	-
● Pixel RGBW	2200~5700K	100	-	-	-	-	442

CM1010F /CM1010C



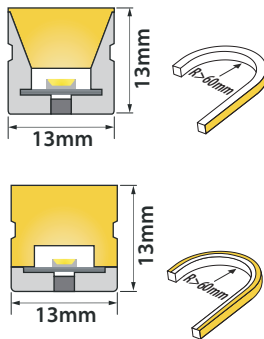
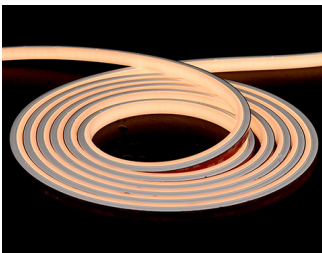
COLOR	CCT	MIN. CUT	POWER W/m		
			6	10	15
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	390	650	975
	2700K	50	420	700	1050
	3000K	50	450	750	1125
	4000K	50	480	800	1200
	5700K	50	480	800	1200
● Tunable White	2200+5700K	50	420	700	1050
● RGB	-	50	156	260	390

CM1212D



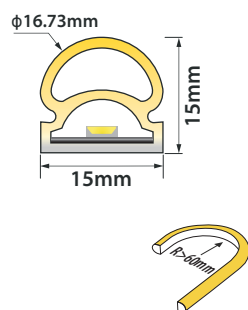
COLOR	CCT	MIN. CUT	POWER W/m		
			10	15	20
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	770	1155	1540
	2700K	50	940	1410	1880
	3000K	50	970	1455	1940
	4000K	50	1000	1500	2000
	5700K	50	1040	1560	2080
	6500K	50	1040	1560	2080
● Tunable White	2200+6500K	50	800	1200	1500
● RGB	-	50	380	550	760

CM1313F/CM1313C



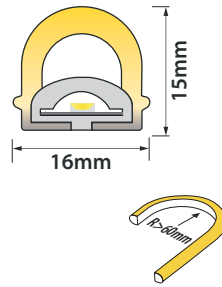
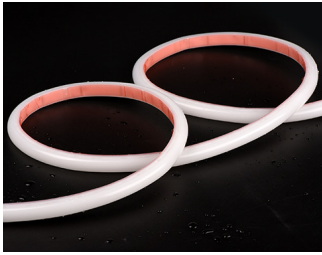
COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
		mm	lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
● Static White	2200K	50	390	650	-	975	-	1300
	2700K	50	420	700	-	1050	-	1400
	3000K	50	450	750	-	1125	-	1500
	4000K	50	480	800	-	1200	-	1600
	5700K	50	480	800	-	1200	-	1600
● Tunable White	2200+5700K	50	420	700	-	1050	-	1400
● RGB	-	50	156	260	-	390	-	520
● RGBW	2200~5700K	50	210	350	-	525	-	700
● Pixel RGB	-	83.3	-	-	374	-	-	-
● Pixel RGBW	2200~5700K	83.3	-	-	-	-	672	-

CM1515D



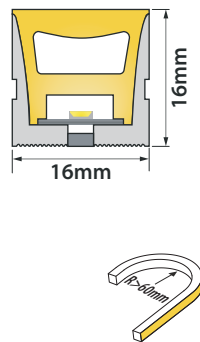
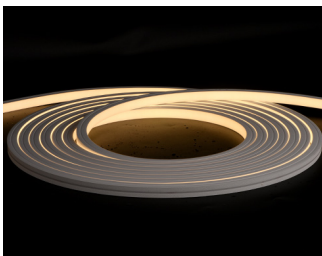
COLOR	CCT	MIN. CUT	POWER W/m		
			10	15	20
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	650	975	1300
	2700K	50	750	1125	1500
	3000K	50	800	1200	1600
	4000K	50	880	1320	1760
	5700K	50	880	1320	1760
	6500K	50	850	1275	1700
● Tunable White	2200+5700K	62.5	800	1200	1600
● RGB	-	50	350	450	700
● RGBW	2200~5700K	50	490	735	980

CM1615D



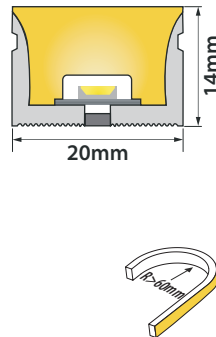
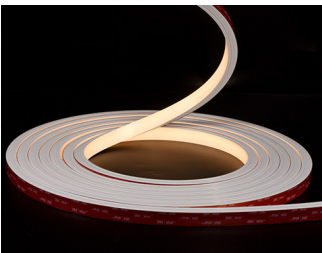
COLOR	CCT	MIN. CUT	POWER W/m		
			10	15	20
		mm	lm/m	lm/m	lm/m
● Static White	2200K	50	620	930	1240
	2700K	50	720	1080	1440
	3000K	50	780	1170	1560
	4000K	50	830	1245	1660
	5700K	50	830	1245	1660
● Tunable White	2200+5700K	62.5	750	1125	1500
● RGB	-	50	350	400	700
● RGBW	2200~5700K	50	450	675	900

CM1616F



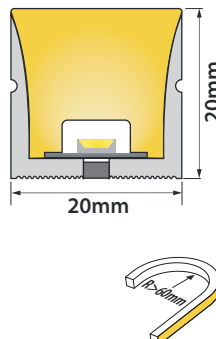
COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
		mm	lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
● Static White	2200K	50	390	650	-	975	-	1300
	2700K	50	420	700	-	1050	-	1400
	3000K	50	450	750	-	1125	-	1500
	4000K	50	480	800	-	1200	-	1600
	5700K	50	480	800	-	1200	-	1600
● Tunable White	2200+5700K	62.5	420	700	-	1050	-	1400
● RGB	-	71.4	156	260	-	390	-	520
● RGBW	2200~5700K	71.4	210	350	-	525	-	700
● Pixel RGB	-	100	-	-	374	-	-	-
● Pixel RGBW	2200~5700K	100	-	-	-	-	672	-

CM2014F



COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
		mm	lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
● Static White	2200K	50	390	650	-	975	-	1300
	2700K	50	420	700	-	1050	-	1400
	3000K	50	450	750	-	1125	-	1500
	4000K	50	480	800	-	1200	-	1600
	5700K	50	480	800	-	1200	-	1600
● Tunable White	2200+5700K	62.5	420	700	-	1050	-	1400
● RGB	-	50	156	260	-	390	-	520
● RGBW	2200~5700K	50	210	350	-	525	-	700
● Pixel RGB	-	100	-	-	374	-	-	-
● Pixel RGBW	2200~5700K	100	-	-	-	-	672	-

CM2020F



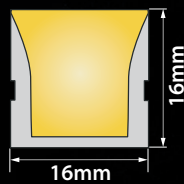
COLOR	CCT	MIN. CUT	POWER W/m					
			6	10	14.4	15	19.2	20
		mm	lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
● Static White	2200K	50	390	650	-	975	-	1300
	2700K	50	420	700	-	1050	-	1400
	3000K	50	450	750	-	1125	-	1500
	4000K	50	480	800	-	1200	-	1600
	5700K	50	480	800	-	1200	-	1600
● Tunable White	2200+5700K	62.5	420	700	-	1050	-	1400
● RGB	-	50	156	260	-	390	-	520
● RGBW	2200~5700K	50	210	350	-	525	-	700
● Pixel RGB	-	100	-	-	374	-	-	-
● Pixel RGBW	2200~5700K	100	-	-	-	-	672	-

3D Series

Top bending and side bending can be realized at the same time on the same LED neon flex.



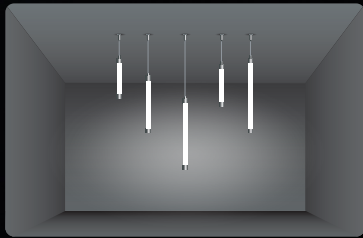
CM-OE1616F



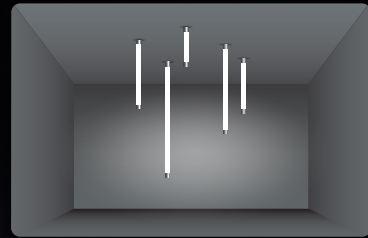
COLOR	CCT	MIN CUT	POWER W/m		
			6	10	15
		mm	lm/m	lm/m	lm/m
● Static White	2200K	41.6	222	370	555
	2700K	41.6	240	400	600
	3000K	41.6	258	430	645
	4000K	41.6	270	450	675
	5700K	41.6	270	450	675
● Tunable White	2200+5700K	41.6	240	400	600

360°Flex Series

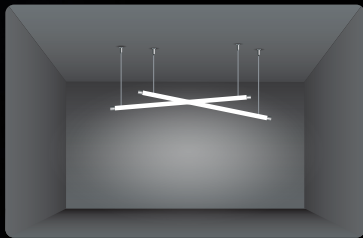
The Omni-directional neon flex features Dot-free and 360° viewing angle, it is designed for decorative lighting in reception halls, corridors and other venues.



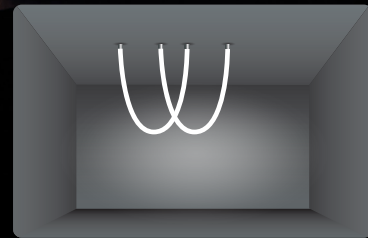
Vertical Suspended



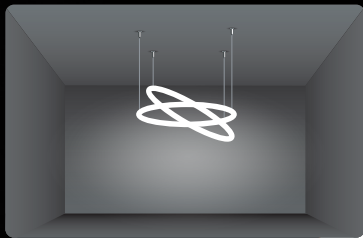
Vertical ceiling - Single



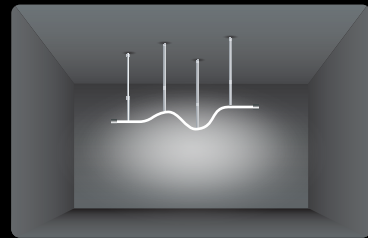
Horizontal Suspended



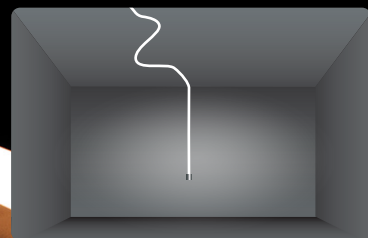
Vertical ceiling - Double



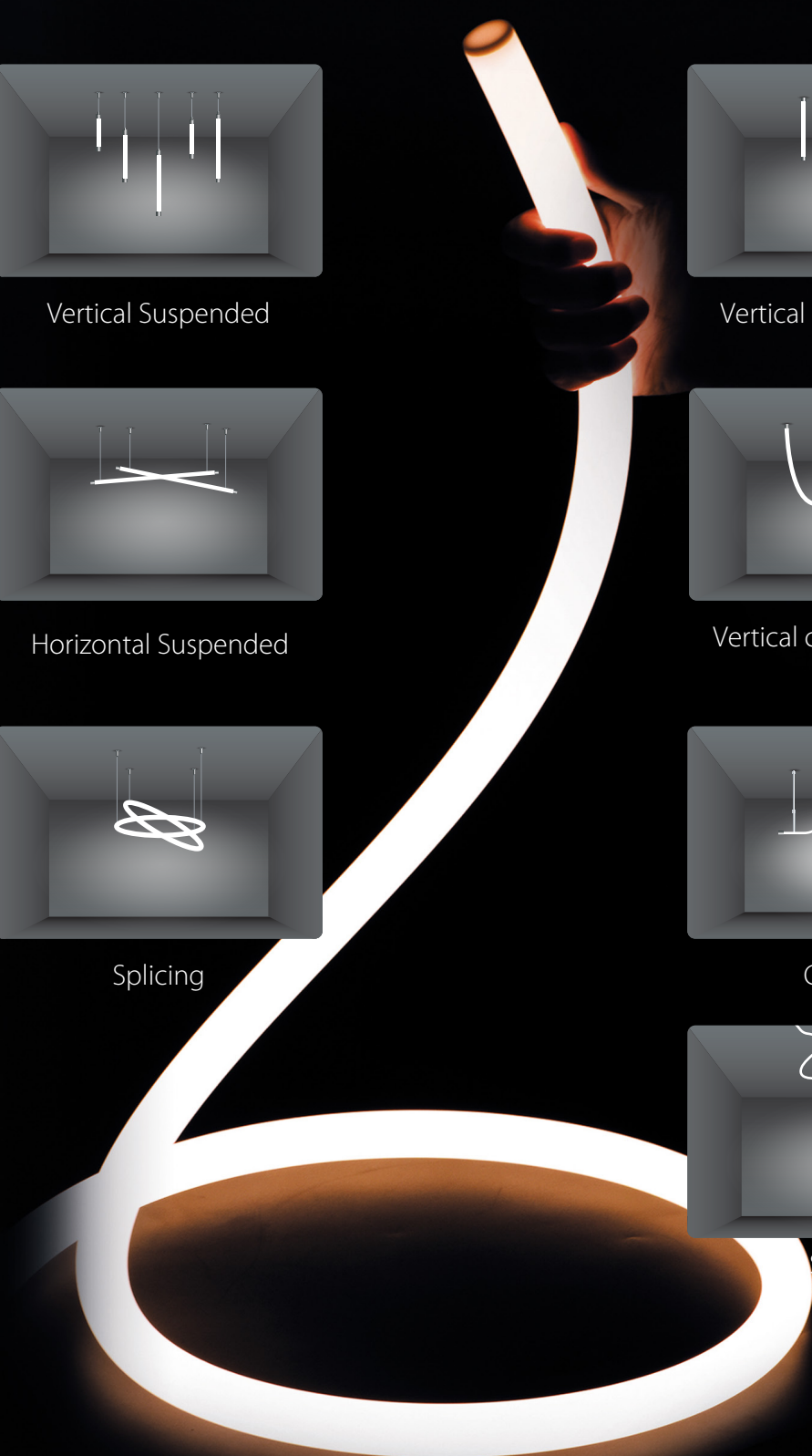
Splicing



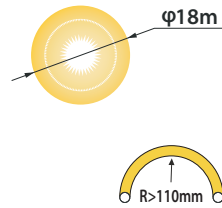
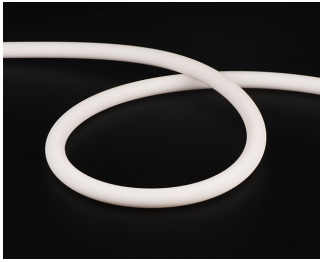
Creative



Surface Mounted

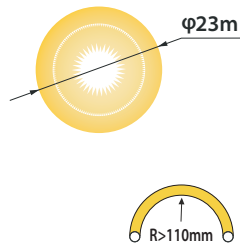


CM-OS18D



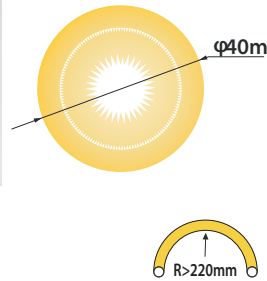
COLOR	CCT	MIN. CUT	POWER W/m	
			mm	lm/m
● Static White	2200K	11.9	11.9	720
	2700K	11.9	11.9	864
	3000K	11.9	11.9	922
	4000K	11.9	11.9	1008
	5700K	11.9	11.9	1008
● Tunable White	2200+5700K	62.5	62.5	720

CM-OS23D



COLOR	CCT	MIN. CUT	POWER W/m	
			mm	lm/m
● Static White	2200K	11.9	11.9	720
	2700K	11.9	11.9	864
	3000K	11.9	11.9	922
	4000K	11.9	11.9	1008
	5700K	11.9	11.9	1008
● Tunable White	2200+5700K	62.5	62.5	720
● RGB	-	50	50	418

CM-OS40D



COLOR	CCT	MIN. CUT	POWER W/m	
			14.4	19.2
		mm	lm/m	lm/m
● Static White	2200K	50	684	-
	2700K	50	820	-
	3000K	50	875	-
	4000K	50	957	-
	5700K	50	957	-
● Tunable White	2200+5700K	50	684	-
● RGB	-	50	397	-
● RGBW	2200~5700K	50	432	-
* ● Pixel RGB	-	100	* 317	Please refer to Note 1
* ● Pixel RGBW	2200~5700K	100	-	* 672 Please refer to Note 2

* Note 1: The Power consumption of pixel RGB should be programmed by DMX512 control system.
 * Note 2: The Power consumption of pixel RGBW should be programmed by DMX512 control system.