AiDiWatt

Professional
Manufacturer of Silicone LED Neon Light

AiDiWatt

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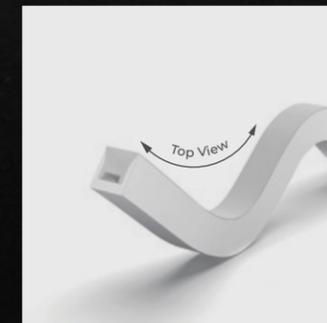Web: www.aidiwattlighting.com

LED NEON

Using Dow Corning SILASTIC™ silicone and co-extrusion manufacture-ring offers premium UV resistance, chemical stability, and against abrasion. The outstanding feature of the raw material silicone is a wide temperature range -50 to 200℃, the LED neon protection is IP67/IP68. As a complete system, full accessories is offered. Such as connector to support you cut our LED Neon on site and re-connecting cable, profiles, clips, cable, endcaps, etc.

DC24V 10W/M
CCT:4000K
PD240627

Light Surface

FRAGILE
Only Bend
Horizontally

⌀ ≥200mm
Min Bending
Diameter

CCT Option

1800K	2100K	2400K	3000K
4000K	5000K	6500K	
R	G	B	
CCT	RGB	RGBW	Pixel

1

Top Bend
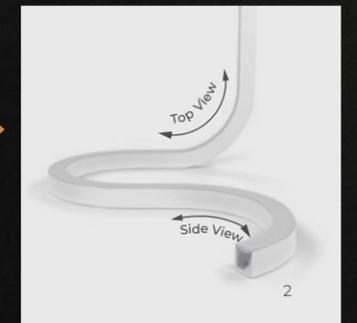
Top View

Side Bend

Side View

3D Bend

Top View

Side View

2

LED NEON ROADMAP

Top Bend

Vertical bend high light transmittance neon, IP67 protection with full range size options.

Side Bend

Horizontal bend high light transmittance neon, IP67 protection with full range size options.

3D

Agile 3D family can be effortlessly applied to the complex design of shapes.

Anti Glare

The black appearance is easily hidden or seamlessly blends effortlessly into dark environments.

Specific Areas

Professional designed for specific applications. Such as swimming pools, seaside, sauna room, etc.

360° Lighting

360° uniform lighting with free bend and cut, elegant decorative in the matte finish, soft plush cover, and rope sleeve options.

ENDCAP OPTIONS

Type	Integral Endcap	Integral Endcap	Quick Endcap	Silicone Endcap
Features	IP67 Mold by machine Seamless Joint	IP68 Mold by machine Underwater	IP67 DIY by handwork Without soldering or glue	IP67 DIY by handwork Glue sealed
Image				

Mold Endcap By Youselves

Completely Solution Package

Raw Material Support

Fit to Various Products

IP67 IP67 Protection

Quick Length Customized

Simple Operation

Process Steps

01
Cut the neon

02
Use silicone cable

03
Molding the endcap

04
Lock metal ring

05
Finished

Endcap Machine System

Tool 1

Tool 2

Mold

Glue

TOP BEND

1617 LED Neon Light // Top Bend

Φ ≥7.87"
0.67"
0.63"
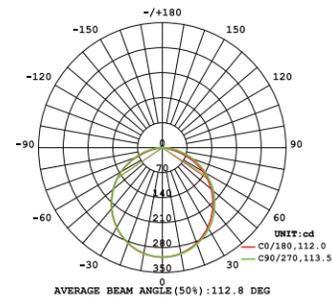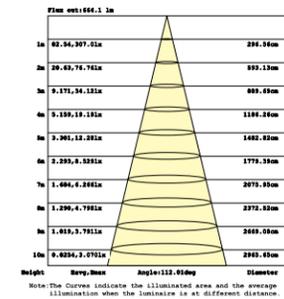
This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 53ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

AVERAGE BEAM ANGLE(50%) :112.8 DEG

UNIT:cd
—— C0/180,112.0
—— C90/270,113.5

Average Illuminance

Flux out:664.1 lm

1m	82.54,307.51x	296.90cm
2m	20.63,76.76lx	593.13cm
3m	9.171,34.12lx	883.69cm
4m	5.159,19.19lx	1186.26cm
5m	3.301,12.28lx	1482.82cm
6m	2.293,8.526lx	1779.39cm
7m	1.684,6.266lx	2075.95cm
8m	1.290,4.798lx	2372.52cm
9m	1.019,3.791lx	2669.08cm
10m	0.8256,3.071lx	2965.65cm

Height   Gray.Max   Angle:112.01deg   Diameter

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

Technical Data

Model No.	ADW-F1617
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	90.2LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile	PC Profile	Curved Profile

Clips	Quick Endcaps	Silicone Endcaps

Cable PVC	Cable Silicone	Anti Siphon

Cutting Tool	Connector	Silicone

IK10 | Protection (UV) | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	129	243	359	2	CC
3000K	130	249	360	2	CC
3500K	140	267	388	2	CC
4000K	143	271	396	2	CC
5000K	143	269	399	2	CC
6500K	141	267	387	2	CC
Red	49	96	140	2	CC
Green	125	244	362	2	CC
Blue	26	50	72	2	CC
Yellow	40	77	113	2	CC
Orange	49	95	140	2	CC
Pink	105	205	302	2	CC
Max. Run Length	53ft	33ft	23ft		

Tunable White

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.2W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	58 0.7W/ft channel	114 1.4W/ft channel	167 2.1W/ft channel	3	CV
6000K	59 0.7W/ft channel	116 1.4W/ft channel	169 2.1W/ft channel	3	CV
2700K+6000K	122 Full light	237 Full light	347 Full light	3	CV
Max. Run Length	21ft	21ft	21ft		

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	56	109	157	3	CV
RGBW	76	147	215	3	CV
Max. Run Length	21ft	21ft	21ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Quick Endcap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Silicone end cap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

2222 LED Neon Light // Top Bend

Φ ≥11.81"

0.87"
0.87"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

~/+180
-150   150
-120   120
-90   90
-60   60
-30   30
0

UNIT:cd
C0/180,112.4
C90/270,112.8

AVERAGE BEAM ANGLE(50%) :112.6 DEG

Average Illuminance

Flux out:701.7 lm

1m	97.21,234.71x	298.44mm
2m	22.90,41.171x	597.28mm
3m	7.490,36.061x	895.92mm
4m	3.651,20.291x	1194.56mm
5m	3.408,12.991x	1493.20mm
6m	2.423,9.3191x	1791.84mm
7m	1.761,6.6261x	2090.48mm
8m	1.363,5.0731x	2389.12mm
9m	1.077,4.0081x	2687.76mm
10m	0.8721,3.2471x	2986.40mm

Height   Savg.6mm   Angle:112.36deg   Diameter

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

Accessories

Aluminium Profile   Clips   Curved Profile

Connector   Silicone Endcaps   Cutting Tool

Cable PVC   Cable Silicone   Anti Siphon

Silicone

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Technical Data

Model No.	ADW-F2222
Dimension	0.87in x 0.87in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	82.8LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	117	229	335	2	CC
3000K	122	239	349	2	CC
3500K	125	245	360	2	CC
4000K	126	248	362	2	CC
5000K	126	248	362	2	CC
6500K	120	235	346	2	CC
Red	47	89	129	2	CC
Green	114	224	329	2	CC
Blue	25	46	67	2	CC
Yellow	38	71	101	2	CC
Orange	47	88	124	2	CC
Pink	98	190	275	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.2W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	51 0.7W/ft channel	106 1.4W/ft channel	163 2.1W/ft channel	3	CV
6000K	54 0.7W/ft channel	112 1.4W/ft channel	172 2.1W/ft channel	3	CV
2700K+6000K	104 Full light	215 Full light	330 Full light	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	49	96	142	3	CV
RGBW	63	122	176	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				

	Front Cable Entry			Closed End cap
Silicone Endcap (IP67)				

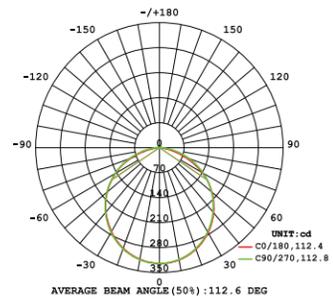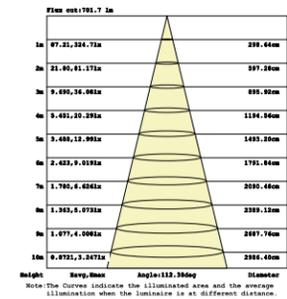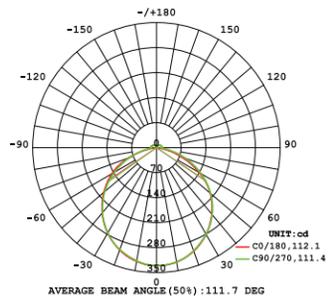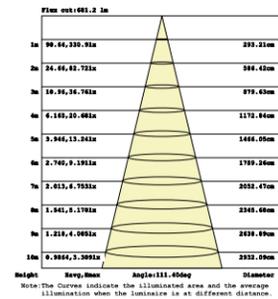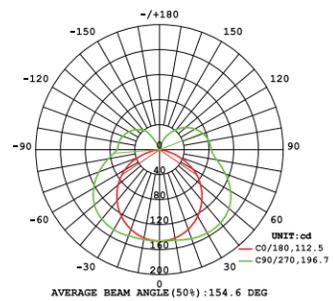# 1010 LED Neon Light // Top Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 46ft run length from the single power feed. Dust-free matte finish.

Φ ≥5.91"
0.39"
0.39"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	128	250	2	CC
3000K	134	263	2	CC
3500K	138	270	2	CC
4000K	140	270	2	CC
5000K	143	279	2	CC
6500K	140	275	2	CC
Red	51	98	2	CC
Green	126	247	2	CC
Blue	27	51	2	CC
Yellow	41	79	2	CC
Orange	50	98	2	CC
Pink	107	210	2	CC
Max. Run Length	**46ft**	**30ft**		

Tunable White

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	51 0.7W/ft channel	100 1.5W/ft channel	2	CV
6000K	52 0.7W/ft channel	101 1.5W/ft channel	2	CV
2700K+6000K	102 Full light	200 Full light	2	CV
Max. Run Length	**15ft**	**15ft**		

RGB

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	56	106	2	CV
Max. Run Length	**15ft**	**15ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

~/+180
-150   150
-120   120
-90   90
-60   60
-30   30
0
UNIT:cd
C0/180,112.1
C90/270,111.4
AVERAGE BEAM ANGLE(50%):111.7 DEG

Average Illuminance

Accessories

Aluminium Profile	PC Profile	Curved Profile
Clips	Quick Endcaps	Silicone Endcaps
Cable PVC	Cable Silicone	Silicone
Cutting Tool	Connector	VHB Tape

IK10   Protection(UV)   Dirt Resistant   One Bin   SDCM 3   1ft-100ft

Technical Data

Model No.	ADW-F1010
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	90.1LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 15ft
Max. Production Length	100ft
Warranty	5 years

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Quick Endcap (IP67)				
Silicone Endcap (IP67)				

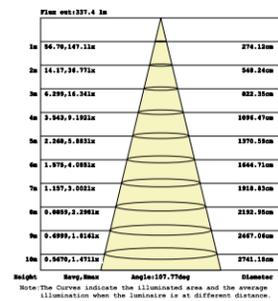# 1010 LED Neon Light 3 side lighting // Top Bend

Φ ≥3.94"

0.39"
0.39"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 49ft run length from the single power feed. Dust-free matte finish.

Static Color

Color Temperature	2W/ft LM/ft	3.1W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	142	209	1.4	CC
3000K	145	213	1.4	CC
3500K	148	218	1.4	CC
4000K	150	221	1.4	CC
5000K	151	223	1.4	CC
6500K	146	217	1.4	CC
Red	65	93	1.4	CC
Green	159	235	1.4	CC
Blue	34	49	1.4	CC
Yellow	51	75	1.4	CC
Orange	66	96	1.4	CC
Pink	135	200	1.4	CC
Max. Run Length	45ft	32ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone Endcap (IP67)				

Light Distribution Curve

~/+180

UNIT:cd
C0/180,112.5
C90/270,196.7

AVERAGE BEAM ANGLE(50%) :154.6 DEG

Average Illuminance

Flux out:337.4 lm

1m	56.78,147.11m	274.12cm
2m	14.17,38.771m	548.24cm
3m	6.299,16.561m	822.35cm
4m	3.543,9.1921m	1096.47cm
5m	2.268,5.8831m	1370.59cm
6m	1.575,4.0851m	1644.71cm
7m	1.157,3.0021m	1918.83cm
8m	0.8855,2.2981m	2192.95cm
9m	0.6998,1.8161m	2467.06cm
10m	0.5670,1.4711m	2741.18cm

Height Eavg,Emax Angle:107.77deg Diameter
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Accessories

Aluminium Profile	PC Profile	Silicone
Clips	Curved Profile	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Connector	VHB Tape

IK10	Protection	Dirt Resistant	One Bin	SDCM	1ft-100ft

Technical Data

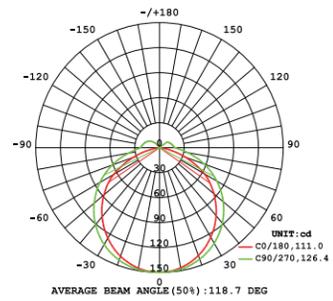|	
Model No.	ADW-3F1010
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	84LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	5 years

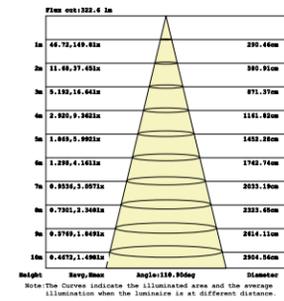# 0606 LED Neon Light // Top Bend

Φ ≥1.97"

0.24"
0.24"

This is a silicone co-extrusion IP44/IP65 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
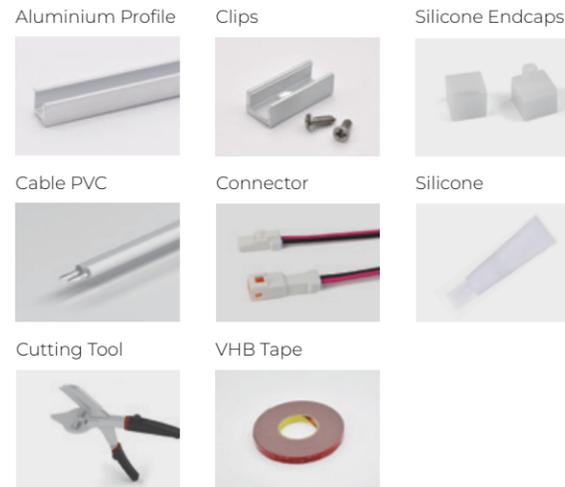Mini size LED neon with uniform light, dust-free matte finish.

Static Color

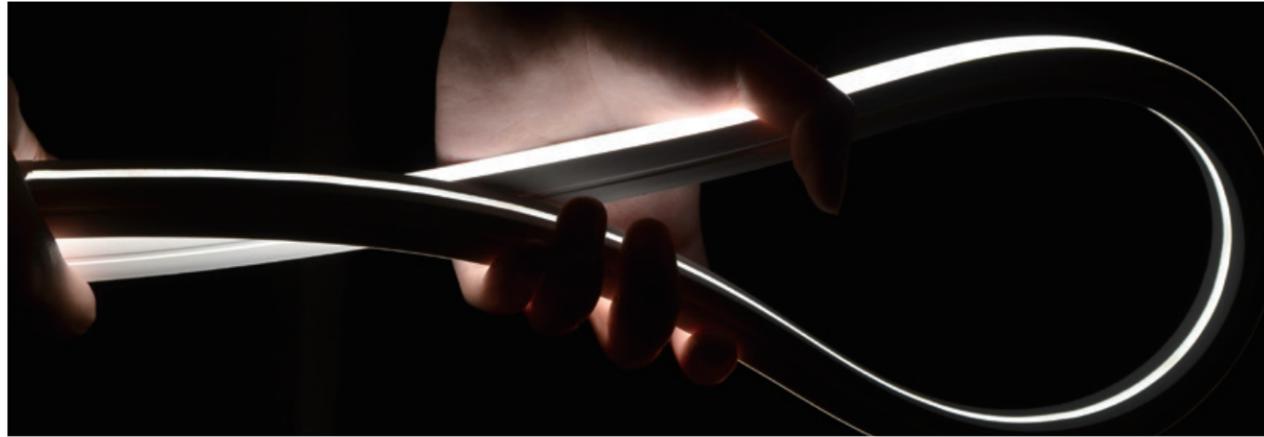| Color Temperature	1.8W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	128	71.0	1	CV
3000K	131	73.0	1	CV
3500K	135	75.0	1	CV
4000K	139	77.0	1	CV
5000K	137	76.0	1	CV
6500K	133	74.0	1	CV
Red	14	7.6	1	CV
Green	144	80.0	1	CV
Blue	29	16.0	1	CV
Yellow	25	14.0	1	CV
Orange	27	15.0	1	CV
Max. Run Length	16.6ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.
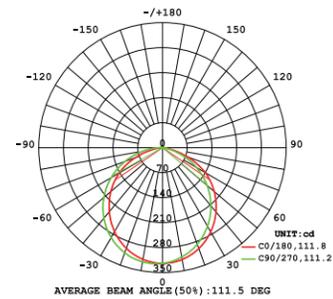
Cable Lead Option

Integral Endcap (IP44)

Front Cable Entry   Closed End cap

Silicone Endcap (IP65)

Front Cable Entry   Side Cable Entry   Bottom Cable Entry   Closed End cap

Light Distribution Curve

UNIT:cd
C0/180,111.0
C90/270,126.4

AVERAGE BEAM ANGLE(50%):118.7 DEG

Average Illuminance

Flux out:322.4 lm

1m	46.72,149.82m	290.46mm
2m	11.68,37.45m	580.91mm
3m	5.193,16.642m	871.37mm
4m	2.920,9.3621m	1161.82mm
5m	1.869,5.9921m	1452.28mm
6m	1.298,4.161m	1742.74mm
7m	0.9536,3.0571m	2033.19mm
8m	0.7301,2.3401m	2323.65mm
9m	0.5769,1.8491m	2614.11mm
10m	0.4672,1.4981m	2904.56mm

Height   Eavg,Emax   Angle:130.90deg   Diameter

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

Accessories

Aluminium Profile

Clips

Silicone Endcaps

Cable PVC

Connector

Silicone

Cutting Tool

VHB Tape

Technical Data

Model No.	ADW-F0606
Dimension	0.24in x 0.24in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	77LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	15ft
Max. Production Length	100ft
Warranty	5 years

120°   UV
Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

1615 LED Neon Light // Top Bend
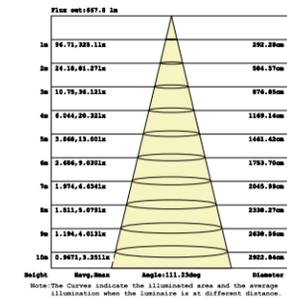

Φ ≥7.87"

0.59"
0.63"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

UNIT:cd
C0/180,111.8
C90/270,111.2

AVERAGE BEAM ANGLE(50%) :111.5 DEG

Average Illuminance

Flux out:607.4 lm

| Height | Aver.Emax | Angle:111.25deg | Diameter |

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

Technical Data

Model No.	ADW-F1615
Dimension	0.63in x 0.59in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	86.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile

PC Profile

Curved Profile

Clips

Quick Endcaps

Curved Profile

Cable PVC

Cable Silicone

Anti Siphon

Silicone Endcaps

Connector

Silicone

IK10 | UV Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	122	239	349	2	CC
3000K	126	247	362	2	CC
3500K	128	249	365	2	CC
4000K	132	260	378	2	CC
5000K	128	250	365	2	CC
6500K	125	245	360	2	CC
Red	48	92	131	2	CC
Green	118	230	338	2	CC
Blue	25	47	68	2	CC
Yellow	39	74	106	2	CC
Orange	47	91	129	2	CC
Pink	101	196	288	2	CC
Max. Run Length	63ft	40ft	26ft		

Tunable White

Color Temperature	1.4W/ft LM/ft		2.8 W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	51	0.7W/ft channel	99	1.4W/ft channel	144	2.1W/ft channel	3	CV
6000K	53	0.7W/ft channel	104	1.4W/ft channel	150	2.1W/ft channel	3	CV
2700K+6000K	104	Full light	203	Full light	296	Full light	3	CV
Max. Run Length	21ft		21ft		21ft			

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	50	96	140	3	CV
RGBW	67	129	185	3	CV
Max. Run Length	21ft	21ft	21ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Quick Endcap (IP67)				
Silicone end cap (IP67)				

2020 LED Neon Light // Top Bend

Φ ≥7.87"

0.79"
0.79"
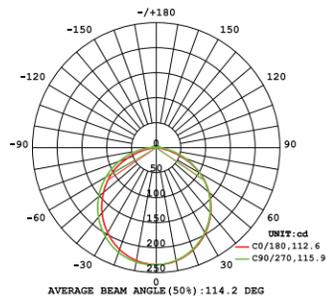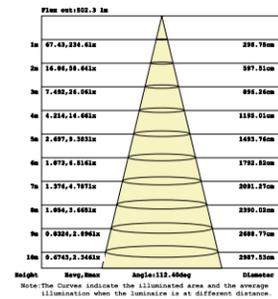
This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
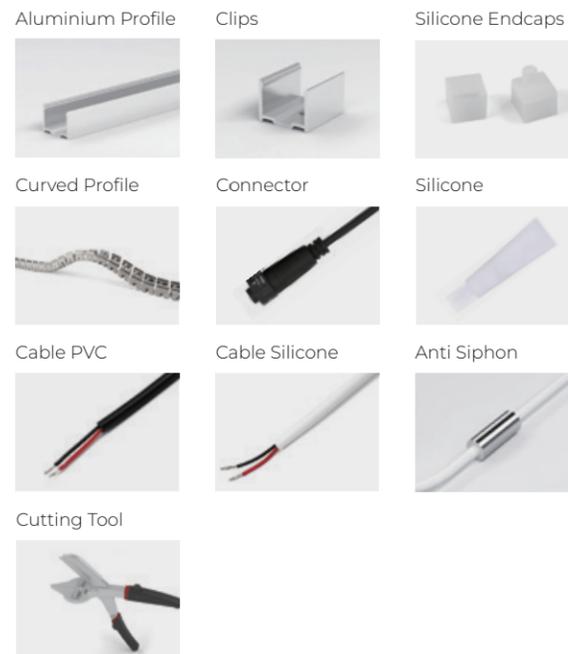Up to 63ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

~/+180
-150   150
-120   120
-90   90
-60   60
-30   30
0
UNIT:cd
C0/180,112.6
C90/270,115.9
AVERAGE BEAM ANGLE(50%) :114.2 DEG

Average Illuminance

Flux out:802.3 lm

Height	Eavg,Emax	Angle:112.60deg	Diameter

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

Accessories

Aluminium Profile   Clips   Silicone Endcaps

Curved Profile   Connector   Silicone

Cable PVC   Cable Silicone   Anti Siphon

Cutting Tool

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

Technical Data

Model No.	ADW-F2020
Dimension	0.79in x 0.79in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	64.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	96	186	270	2	CC
3000K	100	195	284	2	CC
3500K	104	203	293	2	CC
4000K	99	194	281	2	CC
5000K	107	210	306	2	CC
6500K	101	196	288	2	CC
Red	38	73	104	2	CC
Green	95	183	266	2	CC
Blue	20	38	54	2	CC
Yellow	31	58	84	2	CC
Orange	38	72	104	2	CC
Pink	80	156	225	2	CC
Max. Run Length	63ft	40ft	26ft		

Tunable White

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.2W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	47 0.7W/ft channel	92 1.4W/ft channel	133 2.1W/ft channel	3	CV
6000K	50 0.7W/ft channel	98 1.4W/ft channel	143 2.1W/ft channel	3	CV
2700K+6000K	96 Full light	189 Full light	274 Full light	3	CV
Max. Run Length	21ft	21ft	21ft		

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	39	75	105	3	CV
RGBW	52	100	148	3	CV
Max. Run Length	21ft	21ft	21ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

Integral end cap (IP67)

Bottom Cable Entry   Closed End cap

Silicone Endcap (IP67)

Front Cable Entry   Side Cable Entry   Bottom Cable Entry   Closed End cap
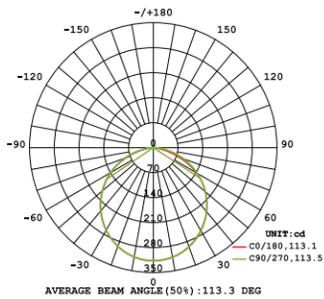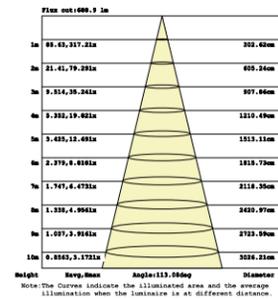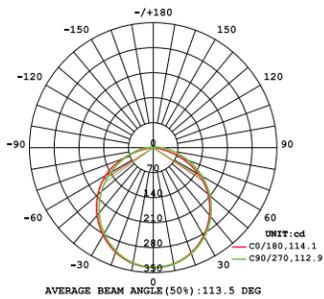
3020 LED Neon Light // Top Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 52ft run length from the single power feed. Dust-free matte finish.

Φ ≥11.81"
0.79"
1.18"

Light Distribution Curve

UNIT:cd
C0/180,113.1
C90/270,113.5
AVERAGE BEAM ANGLE(50%) :113.3 DEG

Average Illuminance

Flux out:600.9 lm

1m 83.43,217.21z	302.42mm
2m 21.41,79.291z	600.24mm
3m 9.514,36.241z	907.66mm
4m 5.332,19.821z	1210.49mm
5m 3.405,12.691z	1513.11mm
6m 2.379,9.816z	1818.73mm
7m 1.747,6.473z	2116.35mm
8m 1.338,4.956z	2420.97mm
9m 1.057,3.916z	2723.59mm
10m 0.8563,3.172z	3026.21mm

Height   Energ.Gmax   Angle:113.06deg   Diameter

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

Technical Data

Model No.	ADW-F3020
Dimension	1.18in x 0.79in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	69.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile   Clips   Silicone Endcaps

Cable PVC   Cable Silicone   Anti Siphon

Cutting Tool   Connector   Silicone

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

Static Color

Color Temperature	3.4W/ft LM/ft	4.3W/ft LM/ft	5.1W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	221	269	310	3	CC
3000K	231	282	325	3	CC
3500K	241	293	338	3	CC
4000K	244	298	345	3	CC
5000K	232	281	324	3	CC
6500K	233	282	326	3	CC
Red	84	102	115	3	CC
Green	210	256	293	3	CC
Blue	44	53	61	3	CC
Yellow	70	82	95	3	CC
Orange	86	101	113	3	CC
Pink	180	218	252	3	CC
Max. Run Length	**52ft**	**42ft**	**35ft**		

Tunable White

Color Temperature	3.4W/ft LM/ft		4.3W/ft LM/ft		5.1W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	111	1.7W/ft channel	137	2.1W/ft channel	162	2.6W/ft channel	3	CV
6000K	113	1.7W/ft channel	141	2.1W/ft channel	167	2.6W/ft channel	3	CV
2700K+6000K	224	Full light	277	Full light	327	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

Color Temperature	3.4W/ft LM/ft	4.3W/ft LM/ft	5.1W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	96	118	136	3	CV
RGBW	103	126	146	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

Front Cable Entry   Bottom Cable Entry   Closed End cap

Integral Endcap (IP67)

Front Cable Entry   Closed End cap

Silicone Endcap (IP67)

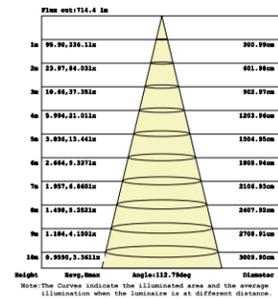# 5025 LED Neon Light // Top Bend

Φ ≥19.69"

0.98"

1.97"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical bending.
Up to 52ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

AVERAGE BEAM ANGLE(50%) :113.5 DEG

Average Illuminance

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Connector	Silicone

Technical Data

Model No.	ADW-F5025
Dimension	1.97in x 0.98in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	72LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Static Color

Color Temperature	3.4W/ft LM/ft	4.3W/ft LM/ft	5.1W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	239	294	340	3	CC
3000K	253	310	361	3	CC
3500K	257	314	366	3	CC
4000K	253	308	360	3	CC
5000K	263	322	374	3	CC
6500K	248	301	350	3	CC
Red	89	107	123	3	CC
Green	221	270	314	3	CC
Blue	46	56	62	3	CC
Yellow	71	86	98	3	CC
Orange	88	107	123	3	CC
Pink	190	231	267	3	CC
Max. Run Length	52ft	42ft	35ft		

Tunable White

Color Temperature	3.4W/ft LM/ft		4.3W/ft LM/ft		5.1W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	122	1.7W/ft channel	150	2.1W/ft channel	175	2.6W/ft channel	3	CV
6000K	127	1.7W/ft channel	155	2.1W/ft channel	181	2.6W/ft channel	3	CV
2700K+6000K	248	Full light	306	Full light	355	Full light	3	CV
Max. Run Length	21ft		21ft		21ft			

RGB & RGBW

Color Temperature	3.4W/ft LM/ft	4.3W/ft LM/ft	5.1W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	106	130	152	3	CV
RGBW	115	139	162	3	CV
Max. Run Length	21ft	21ft	21ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

Silicone Endcap (IP67)

Front Cable Entry

Bottom Cable Entry

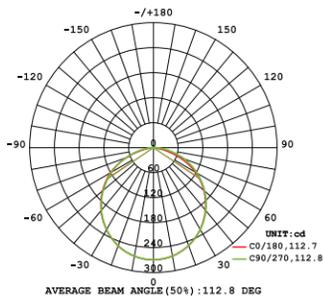Closed End cap

SIDE BEND

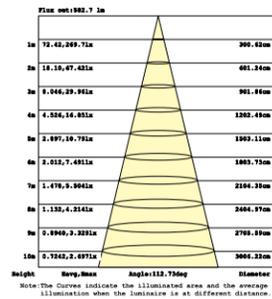# 1617 LED Neon Light // Side Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 53ft run length from the single power feed. Dust-free matte finish.

Φ ≥7.87"
0.67"
0.63"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	113	211	313	2	CC
3000K	116	221	321	2	CC
3500K	125	236	344	2	CC
4000K	126	237	349	2	CC
5000K	126	235	351	2	CC
6500K	121	230	333	2	CC
Red	44	83	119	2	CC
Green	108	210	306	2	CC
Blue	23	43	62	2	CC
Yellow	36	67	95	2	CC
Orange	43	83	115	2	CC
Pink	92	179	261	2	CC
Max. Run Length	**53ft**	**33ft**	**23ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft		2.8W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	51	0.7W/ft channel	100	1.4W/ft channel	146	2.1W/ft channel	3	CV
6000K	51	0.7W/ft channel	100	1.4W/ft channel	148	2.1W/ft channel	3	CV
2700K+6000K	105	Full light	207	Full light	300	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	49	94	138	3	CV
RGBW	65	126	184	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Quick Endcap (IP67)				
Silicone end cap (IP67)				

Light Distribution Curve

AVERAGE BEAM ANGLE(50%) :112.8 DEG

Average Illuminance

Height	Aver.Ulux	Angle:112.73deg	Diameter
1m	72.42,209.71x		300.42mm
2m	18.10,47.421x		601.24mm
3m	8.046,29.051x		901.86mm
4m	4.526,16.051x		1202.49mm
5m	2.897,10.751x		1503.11mm
7m	2.012,7.491x		1803.75mm
7m	1.478,5.904x		2104.35mm
8m	1.132,4.214x		2404.97mm
9m	0.8940,3.325x		2700.00mm
10m	0.7242,2.691x		3006.22mm

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

Technical Data

Model No.	ADW-S1617
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	79.1LM/W @4000K
Storage Temperature	-30~60 C / -22~140 F
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile	PC Profile	Curved Profile
Clips	Quick Endcaps	Silicone Endcaps
Anti Siphon	Cable PVC	Cable Silicone
Cutting Tool	Connector	Silicone

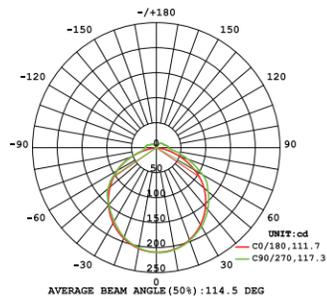IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft
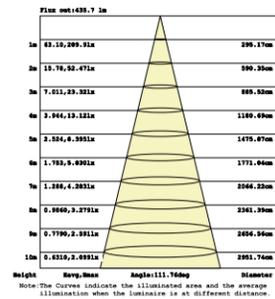
1220 LED Neon Light // Side Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Φ ≥5.91"
0.79"
0.47"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	98	191	278	2	CC
3000K	101	195	284	2	CC
3500K	98	191	277	2	CC
4000K	102	200	290	2	CC
5000K	98	190	276	2	CC
6500K	97	188	273	2	CC
Red	35	67	97	2	CC
Green	86	169	248	2	CC
Blue	18	35	49	2	CC
Yellow	28	54	77	2	CC
Orange	36	67	97	2	CC
Pink	74	144	209	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft		2.8W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	46	0.7W/ft channel	90	1.4W/ft channel	131	2.1W/ft channel	3	CV
6000K	45	0.7W/ft channel	87	1.4W/ft channel	127	2.1W/ft channel	3	CV
2700K+6000K	90	Full light	174	Full light	253	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	43	83	120	3	CV
RGBW	48	92	133	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,111.7
C90/270,117.3
AVERAGE BEAM ANGLE(50%) :114.5 DEG

Average Illuminance

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Quick Endcap (IP67)				
Silicone end cap (IP67)				

Technical Data

Model No.	ADW-S1220
Dimension	0.47in x 0.79in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	66.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile
Clips
Clips
Curved Profile
Quick Endcaps
Silicone Endcaps
Cable PVC
Cable Silicone
Anti Siphon
Cutting Tool
Connector
Silicone

IK10
Protection
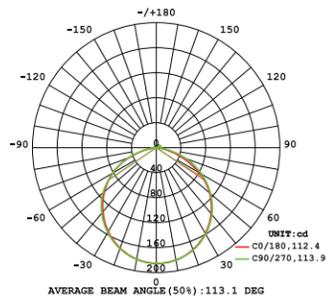Dirt Resistant
One Bin
3 SDCM
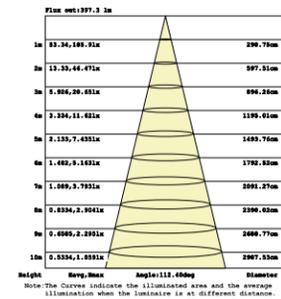1ft-100ft

1010 LED Neon Light // Side Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 45ft run length from the single power feed. Dust-free matte finish.

Φ ≥3.94"

0.39"

0.39"

Static Color

Color Temperature	2W/ft LM/ft	3.1W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	108	158	1.4	CC
3000K	116	170	1.4	CC
3500K	114	168	1.4	CC
4000K	113	164	1.4	CC
5000K	118	174	1.4	CC
6500K	113	165	1.4	CC
Red	40	58	1.4	CC
Green	98	146	1.4	CC
Blue	22	30	1.4	CC
Yellow	33	46	1.4	CC
Orange	40	57	1.4	CC
Pink	84	124	1.4	CC
Max. Run Length	**45ft**	**32ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone Endcap (IP67)				

Light Distribution Curve

~/+180

UNIT:cd
C0/180,112.4
C90/270,113.9

AVERAGE BEAM ANGLE(50%):113.1 DEG

Average Illuminance

Flux out:897.3 lm

| Height | Aaep.Emax | Angle:112.68deg | Diameter |

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

Accessories

Aluminium Profile

PC Profile

Curved Profile

Clips

Connector

Silicone Endcaps

Cable PVC

Cable Silicone

Anti Siphon

Cutting Tool

VHB Tape

Silicone

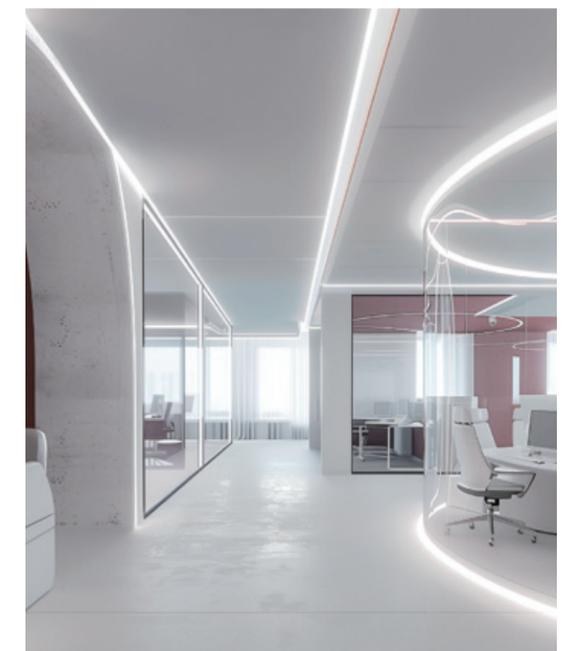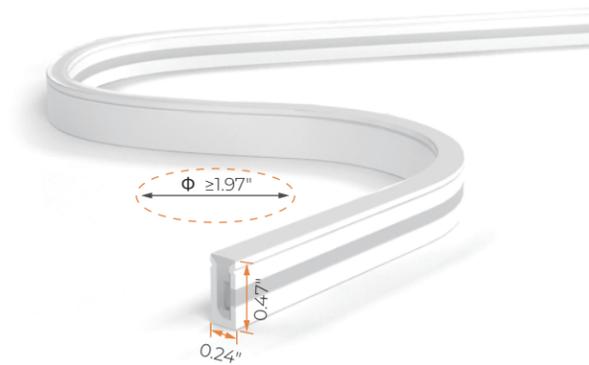| IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft |

Technical Data

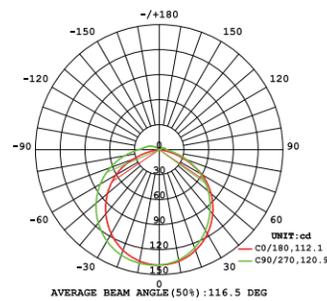| Model No.	ADW-S1010
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	62.4LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	5 years

0612 LED Neon Light // Side Bend
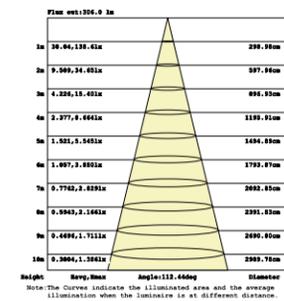

Φ ≥1.97"

0.47"

0.24"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 46ft run length from the single power feed. Dust-free matte finish.
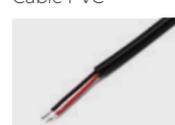
Light Distribution Curve

AVERAGE BEAM ANGLE(50%) :116.5 DEG

Average Illuminance

Technical Data

Model No.	ADW-S0612
Dimension	0.24in x 0.47in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	43.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 17ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile

Clips

Curved Profile

Cable PVC

Cable Silicone

Silicone Endcaps

Cutting Tool

Connector

Silicone

VHB Tape

IK10   Protection   Dirt Resistant   One Bin   SDCM   1ft-100ft
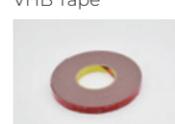
Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	64	124	2	CC
3000K	65	124	2	CC
3500K	66	129	2	CC
4000K	68	130	2	CC
5000K	65	124	2	CC
6500K	69	132	2	CC
Red	24	47	2	CC
Green	61	119	2	CC
Blue	13	24	2	CC
Yellow	20	38	2	CC
Orange	25	47	2	CC
Pink	52	101	2	CC
Max. Run Length	46ft	30ft		

Tunable White

Color Temperature	1.5W/ft LM/ft		3W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	22	0.7W/ft channel	41	1.5W/ft channel	2	CV
6000K	22	0.7W/ft channel	41	1.5W/ft channel	2	CV
2700K+6000K	42	Full light	81	Full light	2	CV
Max. Run Length	17ft		17ft			

RGB

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	18	35	2	CV
Max. Run Length	17ft	17ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone Endcap (IP67)				

0306 LED Neon Light // Side Bend

Φ ≥1.18"

0.24"

0.12"
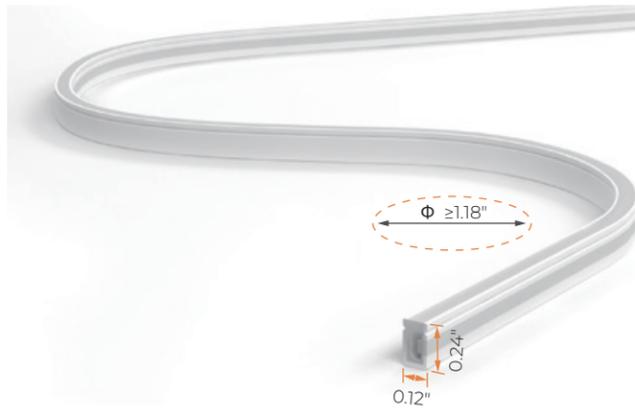
This is a silicone co-extrusion IP44/IP65 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Smallest size LED neon with uniform light, dust-free matte finish.

Static Color

Color Temperature	1.8W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	50	28.0	1	CV
3000K	55	30.8	1	CV
3500K	57	31.7	1	CV
4000K	55	30.8	1	CV
5000K	56	30.9	1	CV
6500K	56	31.3	1	CV
Red	7	3.8	1	CV
Green	51	28.2	1	CV
Blue	13	7.1	1	CV
Yellow	12	6.7	1	CV
Orange	13	7.0	1	CV
Max. Run Length	**16.6ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.
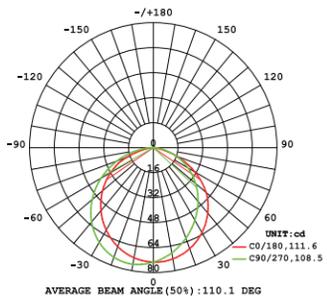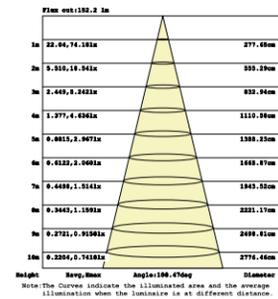
Cable Lead Option

Front Cable Entry
Closed End cap

Integral Endcap (IP44)

Front Cable Entry
Closed End cap

Silicone Endcap (IP65)

Light Distribution Curve

UNIT:cd
C0/180,111.6
C90/270,108.5

AVERAGE BEAM ANGLE(50%):110.1 DEG

Average Illuminance

Accessories

Aluminium Profile

Clips

Silicone Endcaps

Cable PVC

Connector

VHB Tape

Cutting Tool

Silicone

Technical Data

Model No.	ADW-S0306
Dimension	0.12in x 0.24in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	30.8LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	15ft
Max. Production Length	100ft
Warranty	5 years

Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

1018 LED Neon Light // Side Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 53ft run length from the single power feed. Dust-free matte finish.

Φ ≥5.91"
0.71"
0.39"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	68	131	185	2	CC
3000K	68	130	185	2	CC
3500K	66	128	181	2	CC
4000K	69	132	189	2	CC
5000K	66	128	180	2	CC
6500K	68	130	187	2	CC
Red	26	49	70	2	CC
Green	63	124	182	2	CC
Blue	14	26	36	2	CC
Yellow	22	39	56	2	CC
Orange	26	49	68	2	CC
Pink	55	105	154	2	CC
Max. Run Length	**53ft**	**33ft**	**23ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft		2.8W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	24	0.7W/ft channel	46	1.4W/ft channel	64	2.1W/ft channel	3	CV
6000K	27	0.7W/ft channel	51	1.4W/ft channel	73	2.1W/ft channel	3	CV
2700K+6000K	51	Full light	96	Full light	134	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

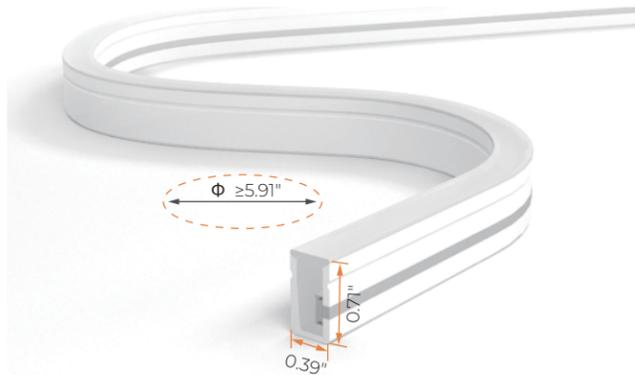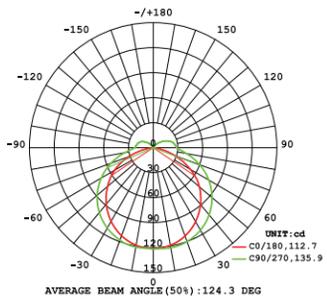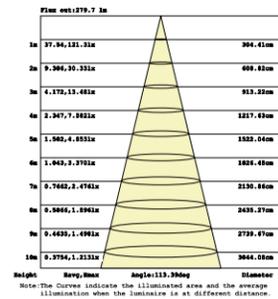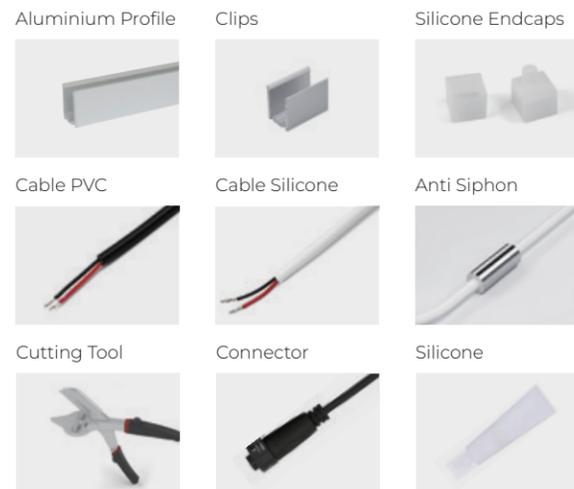| Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	26	49	71	3	CV
RGBW	25	48	68	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone Endcap (IP67)				

Light Distribution Curve

~+/-180
-150   150
-120   120
-90   90
-60   60
-30   30
0

UNIT:cd
C0/180,112.7
C90/270,135.9

AVERAGE BEAM ANGLE(50%) :124.3 DEG

Average Illuminance

Flux out:270.7 lm

1m	37.94,131.31in	304.41cm
2m	9.306,30.33in	608.82cm
3m	6.172,13.68in	913.23cm
4m	2.347,7.302in	1217.63cm
5m	1.502,4.6531in	1522.04cm
6m	1.043,3.370in	1826.45cm
7m	0.7662,2.478in	2130.86cm
8m	0.5866,1.896in	2435.27cm
9m	0.4633,1.498in	2739.67cm
10m	0.3754,1.213in	3044.08cm
Height	Eavg,Emax	Angle:113.39deg	Diameter

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

Accessories

Aluminium Profile   Clips   Silicone Endcaps

Cable PVC   Cable Silicone   Anti Siphon

Cutting Tool   Connector   Silicone

Technical Data

Model No.	ADW-S1018
Dimension	0.39in x 0.71in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	44LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

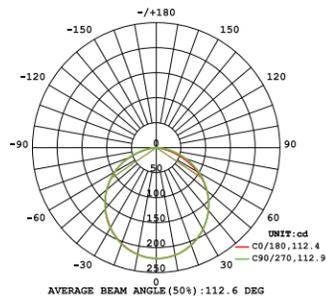IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft
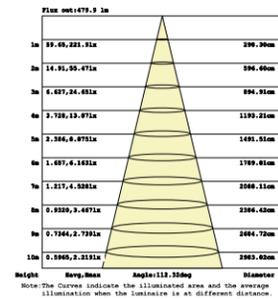
2020 LED Neon Light // Side Bend

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Φ ≥7.87"
0.79"
0.79"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	86	168	243	2	CC
3000K	87	169	245	2	CC
3500K	92	178	258	2	CC
4000K	90	176	253	2	CC
5000K	87	171	245	2	CC
6500K	89	173	248	2	CC
Red	34	65	93	2	CC
Green	84	163	239	2	CC
Blue	18	34	50	2	CC
Yellow	27	52	74	2	CC
Orange	34	64	92	2	CC
Pink	72	138	198	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft		2.8W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	40	0.7W/ft channel	79	1.4W/ft channel	116	2.1W/ft channel	3	CV
6000K	42	0.7W/ft channel	82	1.4W/ft channel	120	2.1W/ft channel	3	CV
2700K+6000K	82	Full light	162	Full light	236	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	34	65	94	3	CV
RGBW	46	89	129	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

Integral end cap (IP67)

Bottom Cable Entry   Closed End cap

Silicone Endcap (IP67)

Front Cable Entry   Side Cable Entry   Bottom Cable Entry   Closed End cap

Light Distribution Curve

AVERAGE BEAM ANGLE (50%) :112.6 DEG

Average Illuminance

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Curved Profile	Connector	Silicone
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool		

Technical Data

Model No.	ADW-S2020
Dimension	0.79in x 0.79in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	58.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

3032 LED Neon Light // Side Bend

Φ ≥19.69"

1.26"

1.18"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

UNIT:cd
C0/180,114.4
C90/270,112.3

AVERAGE BEAM ANGLE(50%) :113.4 DEG

Average Illuminance

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

Technical Data

Model No.	ADW-S3032
Dimension	1.18in x 1.26in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	64.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 16.4ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Connector	Silicone

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	95	185	272	2	CC
3000K	99	193	284	2	CC
3500K	99	192	283	2	CC
4000K	99	194	283	2	CC
5000K	98	191	277	2	CC
6500K	94	183	270	2	CC
Red	35	69	97	2	CC
Green	87	173	252	2	CC
Blue	19	36	50	2	CC
Yellow	29	55	77	2	CC
Orange	35	68	97	2	CC
Pink	77	147	212	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature	1.5W/ft LM/ft		3W/ft LM/ft		4.5W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	32	0.8W/ft channel	64	1.5W/ft channel	96	2.3W/ft channel	2.46	CV
6500K	35	0.8W/ft channel	69	1.5W/ft channel	104	2.3W/ft channel	2.46	CV
2700K+6500K	66	Full light	132	Full light	198	Full light	2.46	CV
Max. Run Length	**16.4ft**		**16.4ft**		**16.4ft**			

RGB & RGBW

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	38	77	115	3.28	CV
RGBW	53	105	158	3.28	CV
Max. Run Length	**16.4ft**	**16.4ft**	**16.4ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

Front Cable Entry
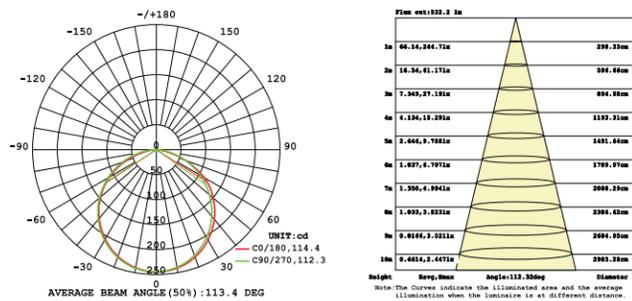
Closed End cap

Silicone Endcap (IP67)
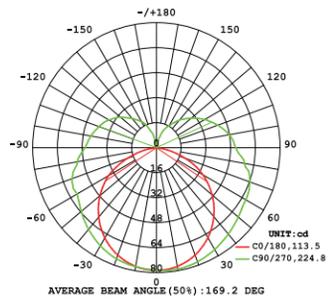
Wide Beam angle

1225 LED Neon Light // Side Bend
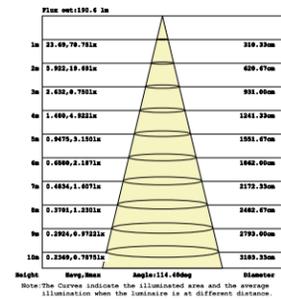

Φ ≥5.91"

0.98"

0.47"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.
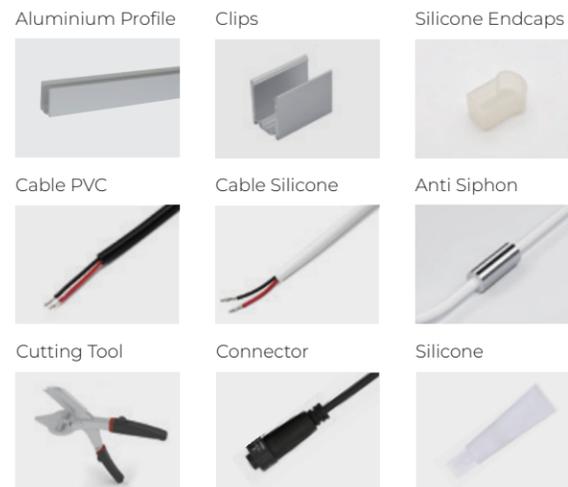
Light Distribution Curve

UNIT:cd
C0/180,113.5
C90/270,224.8

AVERAGE BEAM ANGLE(50%):169.2 DEG

Average Illuminance

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

Technical Data

Model No.	ADW-S1225
Dimension	0.47in x 0.98in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	44.9LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

Accessories

Aluminium Profile	Clips	Silicone Endcaps

Cable PVC	Cable Silicone	Anti Siphon

Cutting Tool	Connector	Silicone

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	63	121	177	2	CC
3000K	65	126	183	2	CC
3500K	67	129	187	2	CC
4000K	70	135	194	2	CC
5000K	71	137	197	2	CC
6500K	68	133	194	2	CC
Red	27	51	74	2	CC
Green	66	129	185	2	CC
Blue	14	26	36	2	CC
Yellow	22	41	58	2	CC
Orange	26	51	68	2	CC
Pink	56	110	159	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft		2.8W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	32	0.7W/ft channel	61	1.4W/ft channel	88	2.1W/ft channel	3	CV
6000K	34	0.7W/ft channel	66	1.4W/ft channel	94	2.1W/ft channel	3	CV
2700K+6000K	66	Full light	127	Full light	184	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	31	59	86	3	CV
RGBW	40	77	111	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option
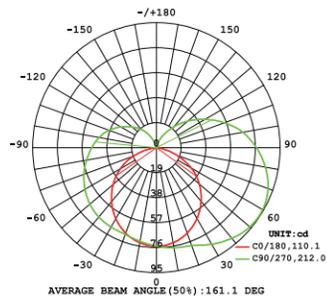
Integral end cap (IP67)

Bottom Cable Entry | Closed End cap

Quick Endcap (IP67)

Front Cable Entry | Side Cable Entry | Bottom Cable Entry | Closed End cap

Silicone end cap (IP67)

Front Cable Entry | Closed End cap

0817 LED Neon Light // Side Bend
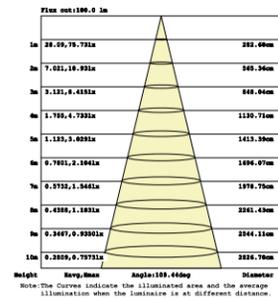

Φ ≥3.94"

0.67"

0.32"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely config-urable in length by filed cutting and assembly with quick endcap.

Horizontal bending.
Up to 46ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

AVERAGE BEAM ANGLE(50%) :161.1 DEG

Average Illuminance

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

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Quick Endcaps	Connector	Silicone
Cutting Tool		

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Technical Data

Model No.	ADW-S0817
Dimension	0.32in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	50.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 15ft
Max. Production Length	100ft
Warranty	5 years

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	72	138	2	CC
3000K	74	142	2	CC
3500K	76	147	2	CC
4000K	79	152	2	CC
5000K	80	154	2	CC
6500K	77	151	2	CC
Red	29	55	2	CC
Green	71	139	2	CC
Blue	15	29	2	CC
Yellow	23	44	2	CC
Orange	29	55	2	CC
Pink	62	118	2	CC
Max. Run Length	**46ft**	**30ft**		

Tunable White

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	30 0.7W/ft channel	58 1.5W/ft channel	2	CV
6000K	29 0.7W/ft channel	57 1.5W/ft channel	2	CV
2700K+6000K	59 Full light	115 Full light	2	CV
Max. Run Length	**16.6ft**	**16.6ft**		

RGB

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	32	62	2	CV
Max. Run Length	**16.6ft**	**16.6ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry		Closed End cap
Quick Endcap (IP67)			

	Front Cable Entry	Side Cable Entry	Closed End cap
Silicone end cap (IP67)			

3D LED NEON LIGHT

3D LED NEON LIGHT

unique construction enables the product to be freely bent vertically and horizontally to fit any surface as a flexible LED lighting solution. Various dimensions are available, such as 0.87"x0.87" (22x22mm), 0.63"x0.67"(16x17mm), 0.39"x0.39(10x10mm), etc. IP67 protection offering enhanced versatility and durability for both indoor and outdoor applications.
Uniform light in white color, CCT tunable, RGB/RGBW color changing, dimmable. The production length is ≥10m.
Welcome to try 3D LED Neon Light and see what it can bring.

1617 LED Neon Light // 3D Bend
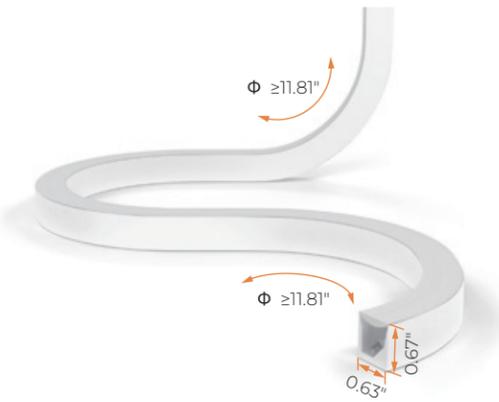
Φ ≥11.81"

Φ ≥11.81"

0.63" 0.67"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely configurable in length by filed cutting and assembly with quick endcap.

Vertical & Horizontal dual bending.
Up to 33ft run length from the single power feed. Dust-free matte finish.

Light Distribution Curve

UNIT:cd
—— C0/180,113.7
—— C90/270,113.3
AVERAGE BEAM ANGLE(50%) :113.5 DEG

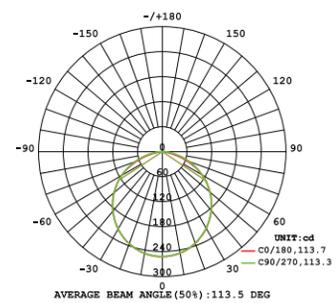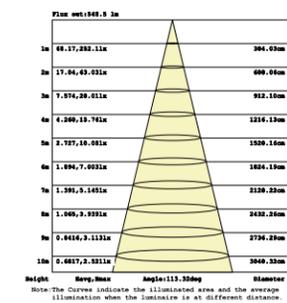## Average Illuminance

	Flux out:548.5 lm	
1m	68.17,282.11n	304.63mm
2m	17.04,63.031n	609.06mm
3m	7.574,28.011n	912.10mm
4m	4.260,15.761n	1216.13mm
5m	2.727,10.081n	1520.16mm
6m	1.896,7.0031n	1824.19mm
7m	1.391,5.1451n	2128.22mm
8m	1.065,3.9391n	2432.26mm
9m	0.8416,3.1131n	2736.29mm
10m	0.6817,2.5211n	3040.32mm
Height	Hovg,Hmax	Diameter

Angle:113.52deg
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Technical Data

Model No.	ADW-3D1617
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	68.4LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 15ft
Max. Production Length	33 ft
Warranty	5 years

Accessories

Aluminium Profile

PC Profile

Curved Profile

Clips

Connector

Silicone Endcaps

Cable PVC

Cable Silicone

Anti Siphon

Cutting Tool

Silicone

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-33ft

Static Color

Color Temperature	1.4W/ft LM/ft	2.9W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	92	179	2	CC
3000K	95	185	2	CC
3500K	98	191	2	CC
4000K	101	197	2	CC
5000K	99	193	2	CC
6500K	96	189	2	CC
Red	37	74	2	CC
Green	78	185	2	CC
Blue	16	38	2	CC
Yellow	37	59	2	CC
Orange	35	73	2	CC
Pink	62	158	2	CC
Max. Run Length	**33ft**	**20ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	45 0.7W/ft channel	89 1.4W/ft channel	3	CV
6000K	46 0.7W/ft channel	92 1.4W/ft channel	3	CV
2700K+6000K	92 Full light	180 Full light	3	CV
Max. Run Length	**16.6ft**	**16.6ft**		

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	43	82	/	3	CV
RGBW	/	/	146	3	CV
Max. Run Length	**16.6ft**	**16.6ft**	**14ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Silicone Endcap (IP67)				

2222 LED Neon Light // 3D Bend

Φ ≥19.69"

Φ ≥19.69"

0.87"

0.87"

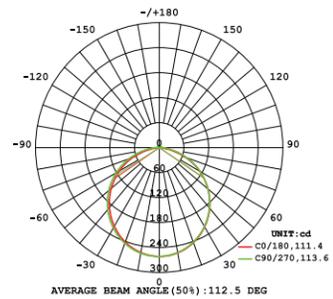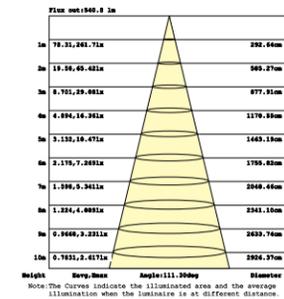This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely config-urable in length by filed cutting and assembly with quick endcap.

Vertical & Horizontal dual bending.
Up to 53ft run length from the single power feed. Dust-free matte finish.

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
1800K	87	167	238	2	CC
2100K	95	180	259	2	CC
2400K	105	200	289	2	CC
2700K	112	213	306	2	CC
3000K	117	224	321	2	CC
3500K	119	227	325	2	CC
4000K	116	221	318	2	CC
5000K	119	228	329	2	CC
6500K	114	219	317	2	CC
Red	51	102	150	2	CC
Green	136	226	292	2	CC
Blue	23	44	62	2	CC
Yellow	34	70	100	2	CC
Orange	47	102	154	2	CC
Pink	102	195	282	2	CC
Max. Run Length	**53ft**	**33ft**	**23ft**		

Tunable White

Color Temperature	4.2W/ft LM/ft	4.2W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	193 2.9W/ft channel	67.5	3	CV
6000K	195 2.9W/ft channel	68.4	3	CV
2700K+6000K	243 Full light	71	3	CV
Max. Run Length	**21ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT: cd
C0/180,111.4
C90/270,113.6
AVERAGE BEAM ANGLE(50%) :112.5 DEG

Average Illuminance

Accessories

Aluminium Profile	Clips	Curved Profile

Connector	Silicone	Cutting Tool

Cable Silicone	Anti Siphon

Technical Data

Model No.	ADW-3D2222
Dimension	0.87in x 0.87in
Voltage	DC24V
CRI	>90
Dimming	Dimmable
Efficacy	244LM/ft @4000K
Storage Temperature	-30~60℃ / -22~140 ℉
Standard Length	20ft / 21ft
Max. Production Length	33ft
Warranty	5 years

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-33ft

Cable Lead Option

Integral Endcap (IP67)

Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

Silicone Endcap (IP67)

Front Cable Entry			Closed End cap

1010 LED Neon Light // 3D Bend

Φ ≥11.81"

Φ ≥15.75"

0.39"
0.39"
0.39"

This is a silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely config-urable in length by filed cutting and assembly with quick endcap.

Vertical & Horizontal dual bending.
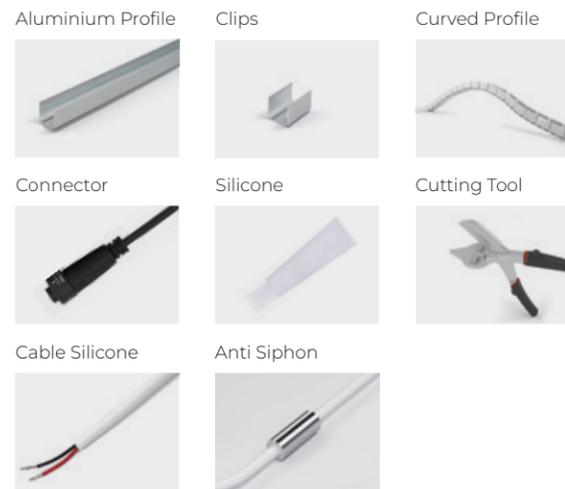Up to 45ft run length from the single power feed. Dust-free matte finish.

Static Color

Color Temperature	2W/ft LM/ft	3.1W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	96	140	1.4	CC
3000K	97	142	1.4	CC
3500K	98	144	1.4	CC
4000K	101	147	1.4	CC
5000K	101	150	1.4	CC
6500K	99	145	1.4	CC
Red	41	60	1.4	CC
Green	102	152	1.4	CC
Blue	23	31	1.4	CC
Yellow	34	48	1.4	CC
Orange	42	60	1.4	CC
Pink	88	129	1.4	CC
Max. Run Length	45ft	32ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.
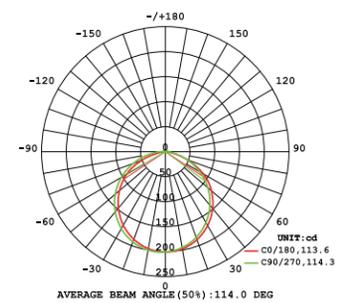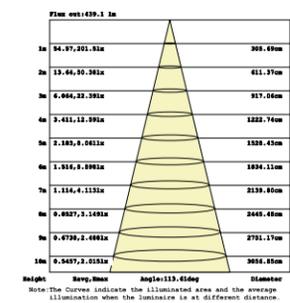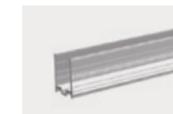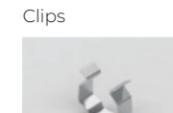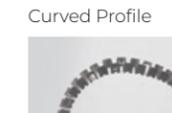
Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				

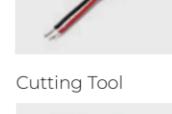|	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Silicone End cap (IP67)				

Light Distribution Curve

~/+180
-150   150
-120   120
-90   90
-60   60
-30   30
0

UNIT:cd
C0/180,113.6
C90/270,114.3

AVERAGE BEAM ANGLE(50%):114.0 DEG

Average Illuminance

Flux out:439.1 lm

1m	34.97,201.51n	305.69mm
2m	13.44,50.381n	611.37cm
3m	8.066,22.391n	917.06cm
4m	3.411,12.591n	1222.74cm
5m	2.183,8.061n	1528.43cm
6m	1.516,5.595in	1834.11cm
7m	1.114,4.113in	2139.80cm
8m	0.8527,3.149in	2445.48cm
9m	0.6736,2.493in	2751.17cm
10m	0.5457,2.015in	3056.85cm

Height   Average,Emax   Angle:113.61deg   Diameter

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

Accessories

Aluminium Profile	PC Profile	Silicone Endcaps
Clips	Clips	Curved Profile
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Connector	Silicone

IK10   Protection   Dirt Resistant   One Bin   SDCM (3)   ft-33ft

Technical Data

Model No.	ADW-3D1010
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	55.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	33ft
Warranty	5 years

ANTI-GLARE

ANTI-GLARE 1617 LED Neon Light // Top Bend

Φ ≥7.87"
0.67"
0.63"

ANTI-GLARE neon provides soft, glare-free lighting for a comfortable environment with honeycomb grid optical design. UGR<19.

Vertical Bending.
Ideal for indirect lighting in various architectural spaces.

Cable Lead Option

Integral end cap (IP67)

Front Cable Entry | Bottom Cable Entry | Closed End cap

Accessories

Aluminium Profile | Black Profile | PC Profile

Clips | Curved Profile | Silicone Endcaps

Cable PVC | Cable Silicone | Silicone

Cutting Tool | Connector

Technical Data

Model No.	ADW-F1617V24-Cx-UGR
Dimension	0.63in x 0.67in
Voltage	DC24V
CRI	>90
Dimming	Dimmable
UGR	<19
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	5 years

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

ANTI-GLARE 2222 LED Neon Light // Top Bend

Φ ≥7.87"
0.87"
0.87"

ANTI-GLARE neon provides soft, glare-free lighting for a comfortable environment with honeycomb grid optical design. UGR<19.

Vertical Bending.
Ideal for indirect lighting in various architectural spaces.

Cable Lead Option

Integral end cap (IP67)

Front Cable Entry | Bottom Cable Entry | Closed End cap

Accessories

Aluminium Profile | Black Profile | PC Profile

Clips | Curved Profile | Silicone Endcaps

Cable PVC | Cable Silicone | Silicone

Cutting Tool | Connector

Technical Data

Model No.	ADW-F2222V24-Cx-UGR
Dimension	0.87in x 0.87in
Voltage	DC24V
CRI	>90
Dimming	Dimmable
UGR	<19
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	5 years

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

BLACK NEON

🔆 2700K-6500K   🔆 CCT   🔺 RGB   🔺 RGBW

· Unique black neon designed for dark background installation.
· P67 protection level with integrated extrusion molding process,
environment-friendly silicone material.

BLACK 1615 LED Neon Light // Top Bend

Φ ≥7.87"

0.59"
0.63"

BLACK is designed for dark environment, silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion.

Vertical bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	44	85	124	2	CC
3000K	43	84	123	2	CC
3500K	43	84	123	2	CC
4000K	41	79	116	2	CC
5000K	41	81	119	2	CC
Red	17	31	44	2	CC
Green	41	78	113	2	CC
Blue	9	16	22	2	CC
Yellow	14	25	35	2	CC
Orange	17	31	44	2	CC
Pink	35	66	97	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.2W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	21 0.7W/ft channel	40 1.4W/ft channel	59 2.1W/ft channel	3	CV
6000K	21 0.7W/ft channel	39 1.4W/ft channel	57 2.1W/ft channel	3	CV
2700K+6000K	40 Full light	80 Full light	116 Full light	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	17	32	47	3	CV
RGBW	21	40	58	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,98.9
C90/270,99.3
AVERAGE BEAM ANGLE(50%):99.1 DEG

Average Illuminance

Flux out:201.0 lm		
1m	45.04,122.51x	333.39mm
2m	11.26,30.701x	666.78mm
3m	5.005,13.641x	700.18mm
4m	2.815,7.6751x	933.37mm
5m	1.802,4.9131x	1166.96mm
6m	1.251,3.4111x	1400.39mm
7m	0.9190,2.5061x	1633.76mm
8m	0.7036,1.9191x	1867.16mm
9m	0.5561,1.5161x	2100.53mm
10m	0.4504,1.2281x	2333.93mm

Height Euvy.Emax Angle:99.01deg Diameter
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Silicone end cap (IP67)				

Accessories

Aluminium Profile	PC Profile	Curved Profile

Clips	Silicone	Silicone Endcaps

Cable PVC	Cable Silicone	Connector

Cutting Tool

Technical Data

Model No.	ADW-FB1615
Dimension	0.63in x 0.59in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	26.4LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

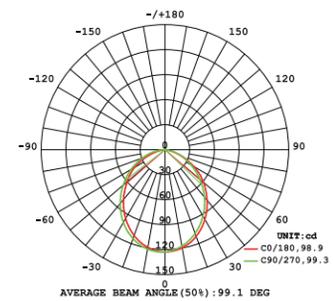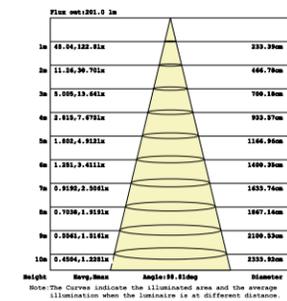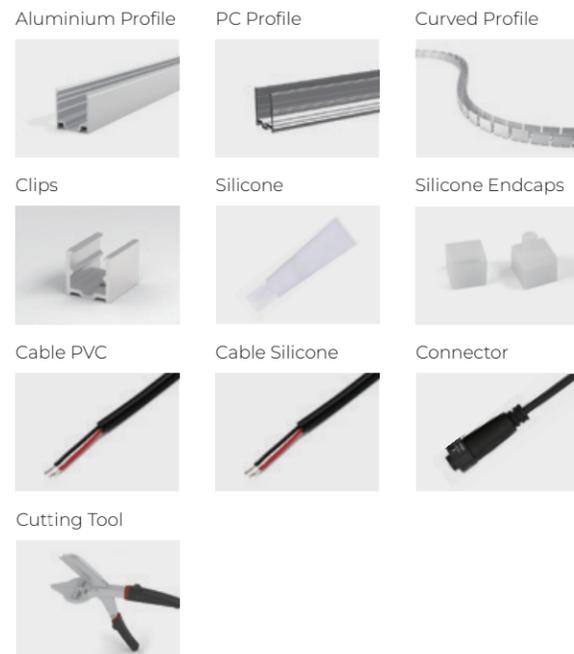IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

BLACK 1220 LED Neon Light // Side Bend

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	21	41	61	2	CC
3000K	22	42	62	2	CC
3500K	22	43	63	2	CC
4000K	22	43	63	2	CC
5000K	21	40	59	2	CC
Red	8	15	21	2	CC
Green	19	37	53	2	CC
Blue	4	8	11	2	CC
Yellow	6	12	17	2	CC
Orange	8	15	21	2	CC
Pink	16	32	45	2	CC
Max. Run Length	**63ft**	**40ft**	**26ft**		

Tunable White

Color Temperature(K)	1.4W/ft LM/ft		2.8W/ft LM/ft		4.2W/ft LM/ft		Cutting Interval (in)	CV/CC
2700	11	0.7W/ft channel	21	1.4W/ft channel	30	2.1W/ft channel	3	CV
6000	10	0.7W/ft channel	20	1.4W/ft channel	29	2.1W/ft channel	3	CV
2700+6000	21	Full light	40	Full light	59	Full light	3	CV
Max. Run Length	**21ft**		**21ft**		**21ft**			

RGB & RGBW

Color Temperature	1.4W/ft LM/ft	2.8W/ft LM/ft	4.3W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	8	16	23	3	CV
RGBW	10	20	30	3	CV
Max. Run Length	**21ft**	**21ft**	**21ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Φ ≥5.91"

0.79"

0.47"

BLACK is designed for dark environment, silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion.

Horizontal bending.
Up to 63ft run length from the single power feed. Dust-free matte finish.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Silicone end cap (IP67)				

Light Distribution Curve

AVERAGE BEAM ANGLE(50%):97.6 DEG

Average Illuminance

Accessories

Aluminium Profile	Clips	Silicone Endcaps

Cable PVC	Cable Silicone	Connector

Cutting Tool	Silicone

Technical Data

Model No.	ADW-SB1220
Dimension	0.47in x 0.79in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	14.2LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	5 years

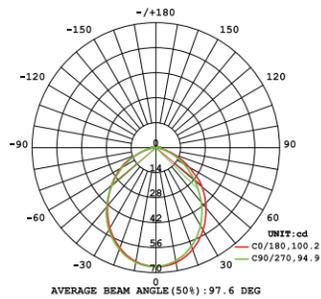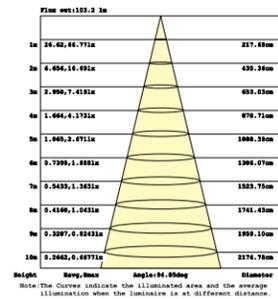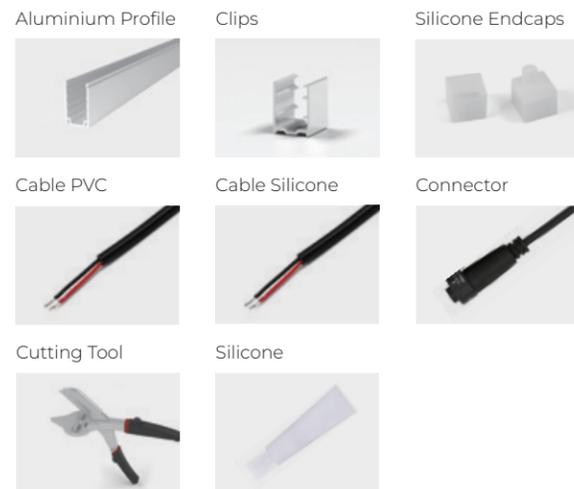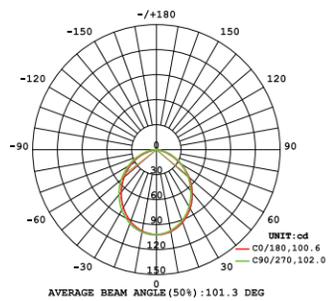IK10 Protection Dirt Resistant One Bin 3 SDCM 1ft-100ft
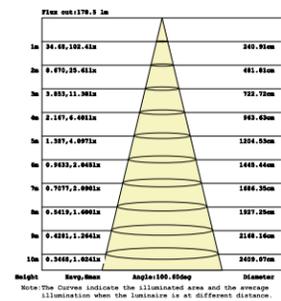
BLACK 1010 LED Neon Light // Top Bend

BLACK is designed for dark environment, silicone co-extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion.

Vertical bending.
Up to 45ft run length from the single power feed. Dust-free matte finish.

Φ ≥3.94"
0.39"
0.39"

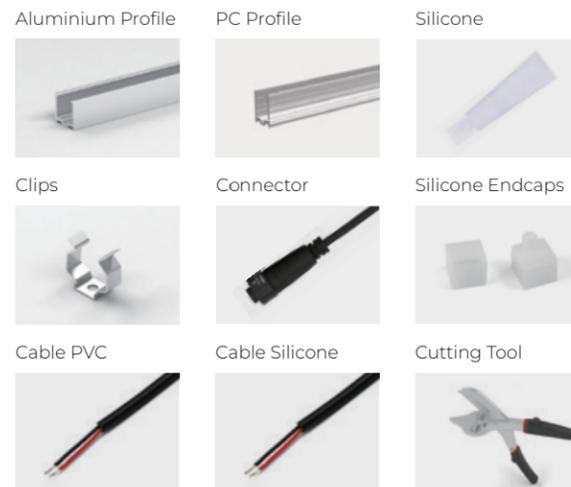## Static Color

Color Temperature	2W/ft LM/ft	3.1W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	49	72	1.4	CC
3000K	50	73	1.4	CC
3500K	51	76	1.4	CC
4000K	51	75	1.4	CC
5000K	49	72	1.4	CC
Red	18	26	1.4	CC
Green	45	65	1.4	CC
Blue	10	14	1.4	CC
Yellow	15	21	1.4	CC
Orange	18	26	1.4	CC
Pink	39	56	1.4	CC
Max. Run Length	45ft	32ft		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Silicone end cap (IP67)				

Light Distribution Curve

UNIT:cd
C0/180,100.6
C90/270,102.0
AVERAGE BEAM ANGLE(50%):101.3 DEG

Average Illuminance

Flux out:179.5 lm

1m	34.48,102.41m	240.91mm
2m	0.470,25.611m	481.81mm
3m	3.853,11.381m	722.72mm
4m	2.167,6.401m	963.63mm
5m	1.387,4.097m	1204.53mm
6m	0.9633,2.845m	1449.44mm
7m	0.7077,2.090m	1686.35mm
8m	0.5419,1.600m	1927.25mm
9m	0.4281,1.264m	2168.16mm
1m	0.3468,1.024m	2409.07mm

Height Havg,9max Angle:100.60deg Diameter
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Accessories

Aluminium Profile   PC Profile   Silicone

Clips   Connector   Silicone Endcaps

Cable PVC   Cable Silicone   Cutting Tool

IK10   Protection   Dirt Resistant   One Bin   SDCM   ft-100ft

Technical Data

| Model No.	ADW-FB1010
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	28.3LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	5 years

Underwater IP68 LED Neon Light

16FT DEPTH OF UNDERWATER

Neon material under the swimming pool environment has been tested and passed smoothly. 5ppm Chlorine Content is >10 times the swimming pool chlorine content.
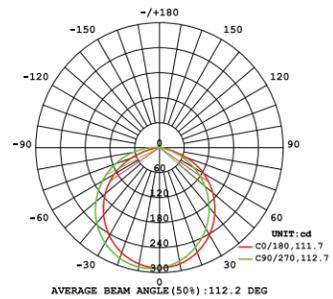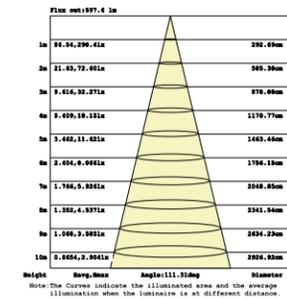
1617 LED Neon Light // IP68 Top Bend
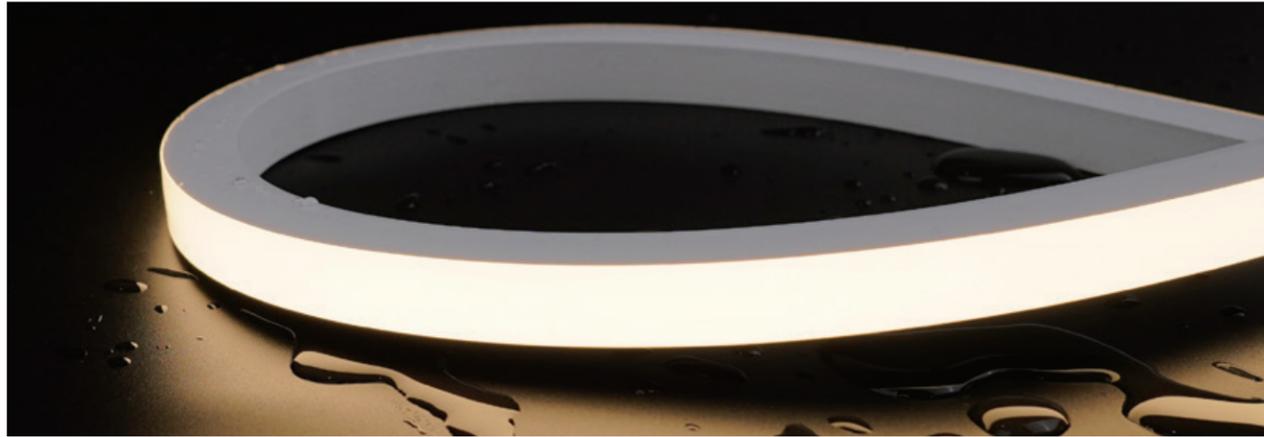
Φ ≥7.87"

0.67"

0.63"

This is IP68 underwater neon offers UV resistance, chemical stability, and against abrasion.
UL676 and against chlorine <5ppm, underwater depth 16ft.

Vertical bending.
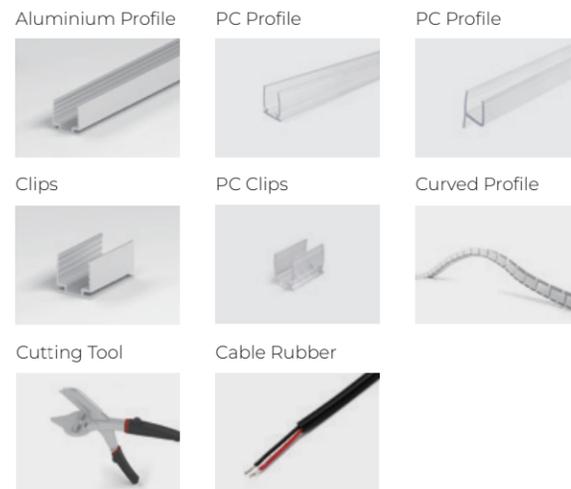Suitable for swimming pool, sea world, yacht lighting, etc.

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	117	228	333	2	CV
3000K	120	234	342	2	CV
3500K	123	240	351	2	CV
4000K	125	245	360	2	CV
5000K	127	248	362	2	CV
6500K	125	245	360	2	CV
Red	44	86	125	2	CV
Green	111	217	315	2	CV
Blue	23	45	63	2	CV
Yellow	36	69	99	2	CV
Orange	45	86	122	2	CV
Pink	95	185	270	2	CV
Max. Run Length	**20ft**	**20ft**	**20ft**		

RGBW

Color Temperature	4.3W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGBW	174	40.4	3	CV
Max. Run Length	**21ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

Average Illuminance

Accessories

Aluminium Profile	PC Profile	PC Profile

Clips	PC Clips	Curved Profile

Cutting Tool | Cable Rubber

Cable Lead Option

Integral end cap (IP68)

Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

Technical Data

Model No.	ADW-T1617-IP68
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	81.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	3 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

1617 LED Neon Light // IP68 Side Bend

This is IP68 underwater neon offers UV resistance, chemical stability, and against abrasion.
UL676 and against chlorine <5ppm, underwater depth 16ft.

Horizontal bending.
Suitable for swimming pool, sea world, yacht lighting, etc.

Φ ≥7.87"

0.67"

0.63"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	100	194	281	2	CV
3000K	103	200	290	2	CV
3500K	106	206	299	2	CV
4000K	109	212	308	2	CV
5000K	110	215	311	2	CV
6500K	109	213	307	2	CV
Red	39	75	108	2	CV
Green	98	190	277	2	CV
Blue	21	39	54	2	CV
Yellow	32	60	83	2	CV
Orange	39	75	108	2	CV
Pink	83	161	233	2	CV
Max. Run Length	**20ft**	**20ft**	**20ft**		

RGBW

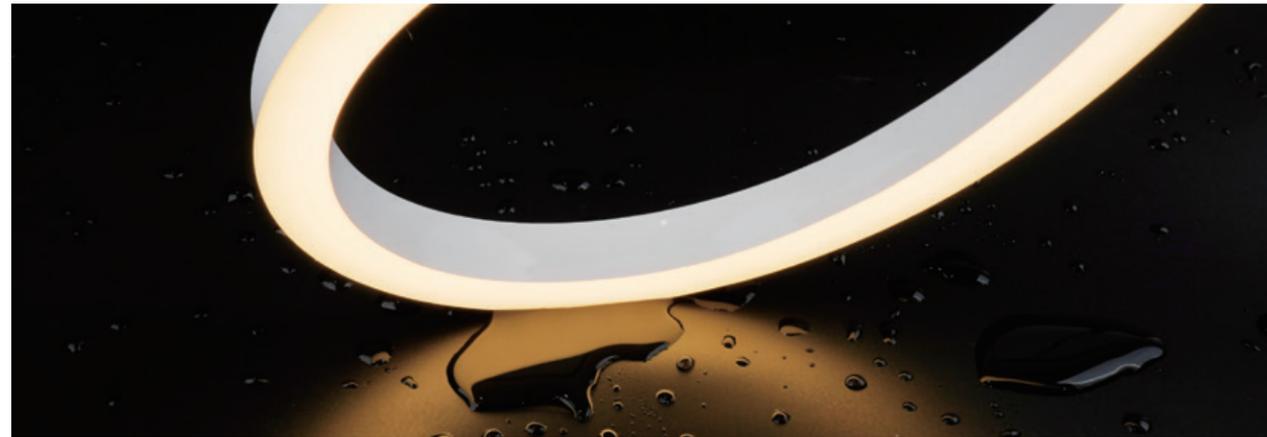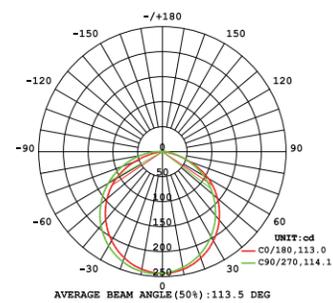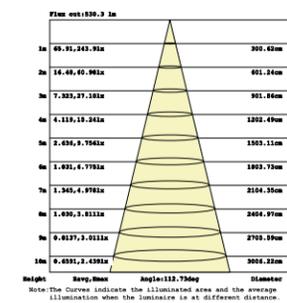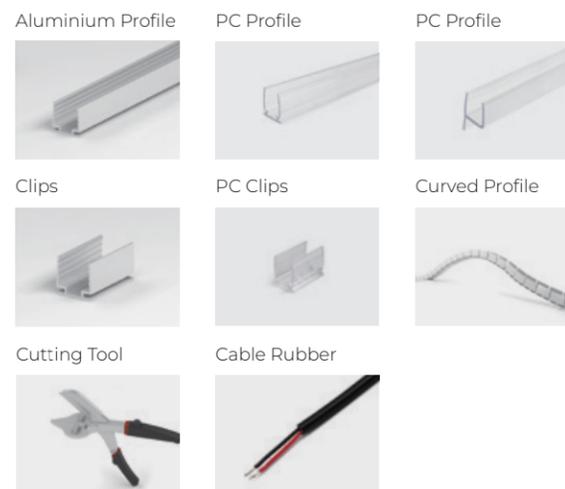| Color Temperature	4.3W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGBW	144	33.5	3	CV
Max. Run Length	**21ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

AVERAGE BEAM ANGLE(50%) :113.5 DEG

Average Illuminance

Accessories

Aluminium Profile	PC Profile	PC Profile
Clips	PC Clips	Curved Profile
Cutting Tool	Cable Rubber	

Cable Lead Option

Integral end cap (IP68)

Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End cap

Technical Data

Model No.	ADW-S1617-IP68
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	70.6LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	3 years

IK10 Protection Dirt Resistant One Bin 3 SDCM 1ft-100ft

1615 LED Neon Light // IP68 Top Bend

Φ ≥11.81"

0.59"
0.63"

This is a IP68 outdoor LED Neon with uniform light and dimmable function, offers premium UV resistance, chemical stability, and against abrasion.

Vertical bending.
Polyurethane full solid luminaire.

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.6W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	93	188	265	1.64	CC
3000K	96	199	285	1.64	CC
3500K	107	220	316	1.64	CC
4000K	105	213	307	1.64	CC
5000K	102	208	294	1.64	CC
6500K	94	194	273	1.64	CC
Max. Run Length	**85ft**	**59ft**	**45ft**		

Tunable White

Color Temperature	4.6W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	120 2.3W/ft channel	52.3	1.97	CV
6500K	128 2.3W/ft channel	56.2	1.97	CV
2700K+6500K	242 Full light	53.0	1.97	CV
Max. Run Length	**16.4ft**			

RGB & RGBW

Color Temperature	4.6W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGB	116	25.3	2.81	CV
RGBW	160	35.1	2.81	CV
Max. Run Length	**16.4ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,114.8
C90/270,117.1

AVERAGE BEAM ANGLE(50%) :116.0 DEG

Average Illuminance

Accessories

Aluminium Profile	PC Profile	Clip

Cable PVC	Cable TPU	Endcaps

Cutting Tool	Connector

Technical Data

Model No.	ADW-PUNF1615-IP68
Dimension	0.63in x 0.59in
Voltage	DC24V
CRI	>90
Dimming	Dimmable
Efficacy	69.8LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	16.4ft
Max. Production Length	16.4ft
Warranty	3 years

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-16ft

Cable Lead Option

Integral end cap (IP68)

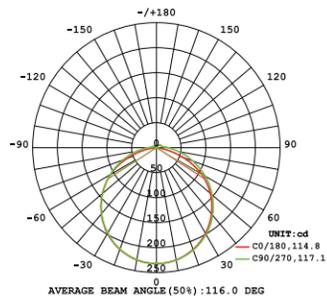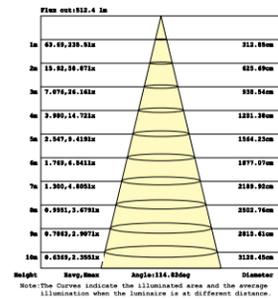| Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

1220 LED Neon Light // IP68 Side Bend

This is a IP68 outdoor LED Neon with uniform light and dimmable function, offers premium UV resistance, chemical stability, and against abrasion.

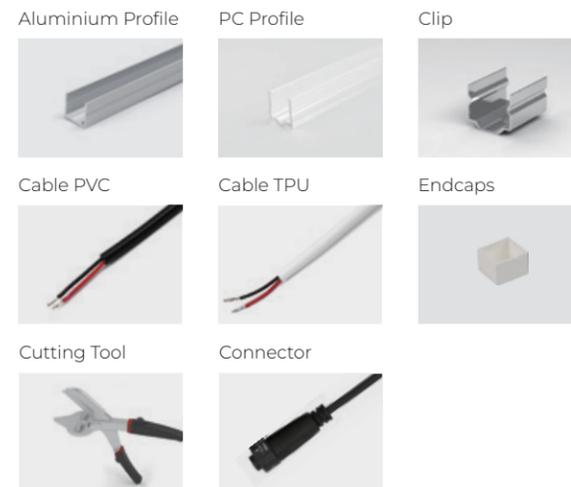Horizontal bending.
Polyurethane full solid luminaire.

Φ ≥11.81"
0.79"
0.47"

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.6W/ft LM/ft	Cutting Interval (in)	CV/CC
2500K	63	122	183	1.63	CC
2700K	66	131	199	1.63	CC
3000K	69	134	208	1.63	CC
3500K	72	144	213	1.63	CC
4000K	70	141	211	1.63	CC
4500K	69	139	213	1.63	CC
5700K	63	128	195	1.63	CC
Max. Run Length	**75ft**	**52ft**	**39ft**		

Tunable White

Color Temperature	4.6W/ft LM/ft		Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	83	2.3W/ft channel	36.3	1.97	CV
6500K	88	2.3W/ft channel	38.6	1.97	CV
2700K+6500K	167	Full light	36.5	1.97	CV
Max. Run Length	**16.4ft**				

RGB & RGBW

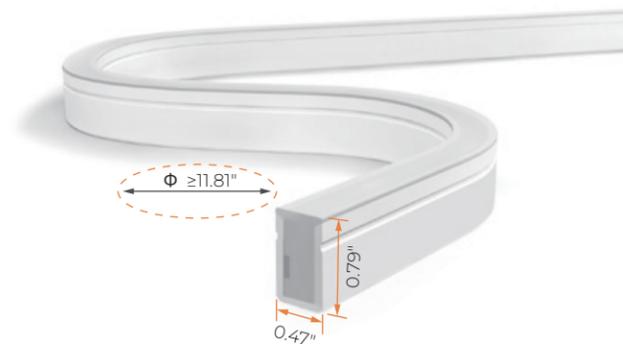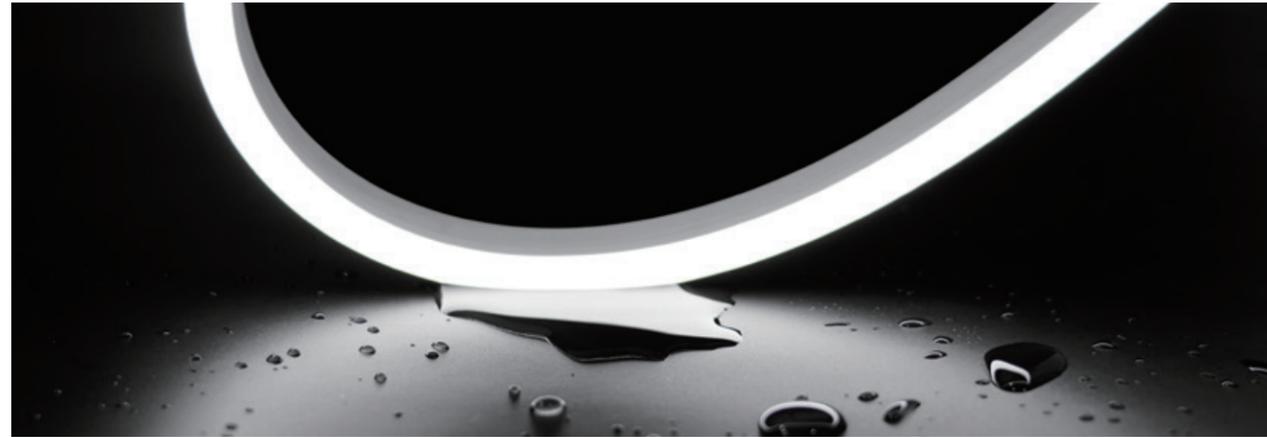| Color Temperature	4.6W/m LM/m	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGB	79	17.2	2.81	CV
RGBW	112	24.4	2.81	CV
Max. Run Length	**16.4ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,114.5
C90/270,120.1
AVERAGE BEAM ANGLE(50%) :117.3 DEG

Average Illuminance

Flux out:308.0 lm

1m	38.30,142.91x		310.63mm
2m	9.594,35.731x		621.26mm
3m	4.264,15.881x		931.89mm
4m	2.398,8.9331x		1242.52mm
5m	1.535,5.7161x		1553.15mm
6m	1.066,3.9701x		1863.78mm
7m	0.7832,2.9171x		2174.43mm
8m	0.5996,2.2331x		2485.05mm
9m	0.4738,1.7641x		2795.68mm
10m	0.3838,1.4391x		3106.31mm
Height	Havg,Hmax	Angle:114.45deg	Diameter

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

Accessories

Aluminium Profile   Curved Profile   Clips

Cable PVC   Cable TPU   Endcaps

Cutting Tool   Connector

Technical Data

Model No.	ADW-PUNS1220-IP68
Dimension	0.47in x 0.79in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	46.2LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	16.4ft
Max. Production Length	16.4ft
Warranty	3 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-16ft

Cable Lead Option

Integral end cap (IP68)

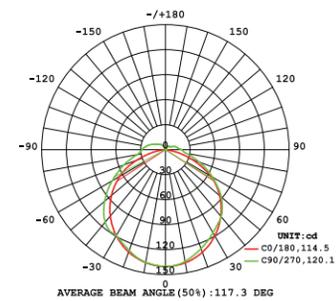Front Cable Entry   Side Cable Entry   Bottom Cable Entry   Closed End cap
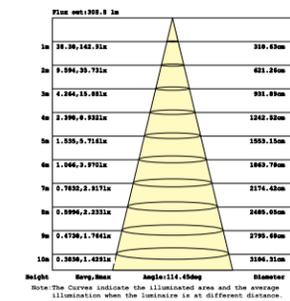
1010 LED Neon Light // IP68 Top Bend

This is a IP68 outdoor LED Neon with uniform light and dimmable function, offers premium UV resistance, chemical stability, and against abrasion.

Vertical bending.
Polyurethane full solid luminaire.

Φ ≥5.91"
0.39"
0.39"

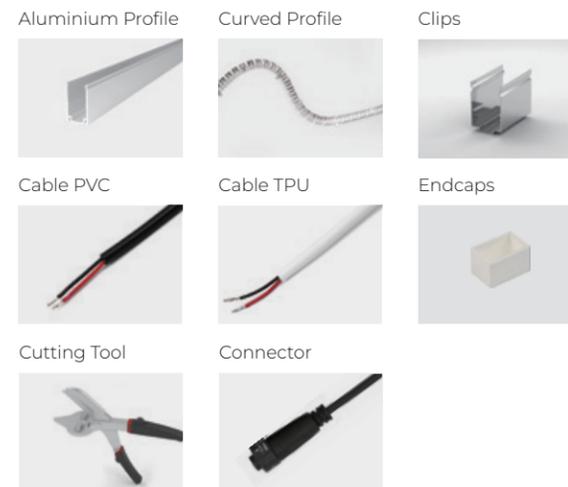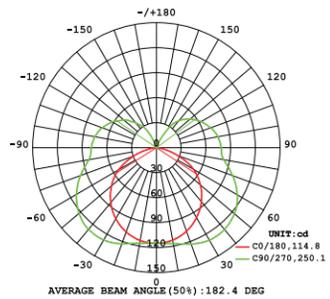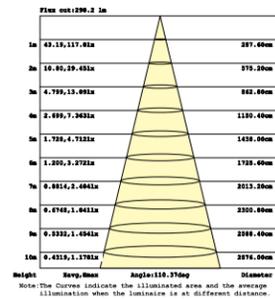## Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2500K	94	188	1.64	CC
2700K	97	200	1.64	CC
3000K	105	212	1.64	CC
3500K	111	225	1.64	CC
4000K	110	221	1.64	CC
4500K	110	220	1.64	CC
5700K	103	209	1.64	CC
Max. Run Length	62ft	39ft		

Tunable White

Color Temperature	3W/ft LM/ft		Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	86	1.5W/ft channel	56.4	1.97	CV
6500K	95	1.5W/ft channel	62.4	1.97	CV
2700K+6500K	178	Full light	58.5	1.97	CV
Max. Run Length	16.4ft				

RGB

Color Temperature	3W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGB	108	35.3	1.97	CV
Max. Run Length	16.4ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

-/+180
-150 150
-120 120
-90 90
-60 60
-30 30
0
UNIT:cd
C0/180,114.8
C90/270,250.1
AVERAGE BEAM ANGLE(50%):182.4 DEG

Average Illuminance

Flux out:290.2 lm

1m	63.19,117.01x	287.60mm
2m	18.90,29.45lx	575.20mm
3m	4.799,13.093x	862.80mm
4m	2.699,7.363lx	1150.40mm
5m	1.728,4.7133x	1438.00mm
6m	1.200,3.272lx	1725.60mm
7m	0.8814,2.4041x	2013.20mm
8m	0.6748,1.8403x	2300.80mm
9m	0.5332,1.4543x	2588.40mm
10m	0.4319,1.1781x	2876.00mm

Weight   Havg,Hmax   Angle:110.376deg   Diameter
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Accessories

Aluminium Profile   PC Profile   Clips

Cable PVC   Cable TPU   Connector

Cutting Tool   Connector   Endcaps

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-16ft

Technical Data

Model No.	ADW-PUNT1010-IP68
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	72.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	16.4ft
Max. Production Length	16.4ft
Warranty	3 years

Cable Lead Option

Integral Endcap (IP65)

Front Cable Entry

Closed End cap

0612 LED Neon Light // IP68 Side Bend

Φ ≥2.36"

0.47"

0.24"

This is a IP68 outdoor LED Neon with uniform light and dimmable function, offers premium UV resistance, chemical stability, and against abrasion.

Horizontal bending.
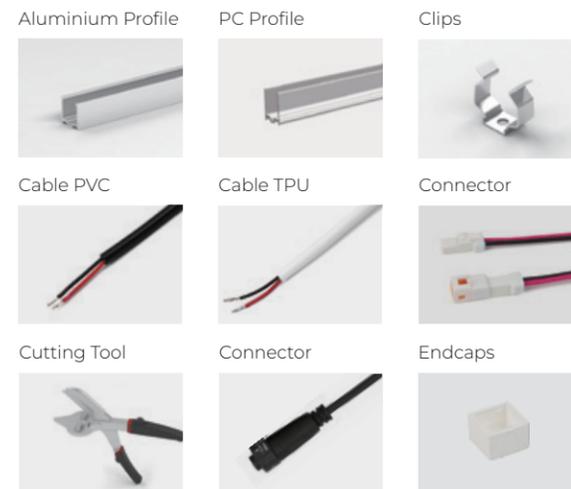Polyurethane full solid luminaire.

Static Color

Color Temperature	2.4W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2500K	111	45.6	1.97	CV
2700K	117	48.0	1.97	CV
3000K	121	49.8	1.97	CV
3500K	129	53.0	1.97	CV
4000K	127	52.0	1.97	CV
4500K	122	50.0	1.97	CV
5700K	118	48.5	1.97	CV
Max. Run Length	**16ft**			

Tunable White

Color Temperature	2.4W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	33 1.2W/ft channel	29.0	1.97	CV
6500K	36 1.2W/ft channel	28.9	1.97	CV
2700K+6500K	69 Full light	28.2	1.97	CV
Max. Run Length	**16.4ft**			

RGB

Color Temperature	2.4W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGB	48	19.7	1.97	CV
Max. Run Length	**16.4ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve
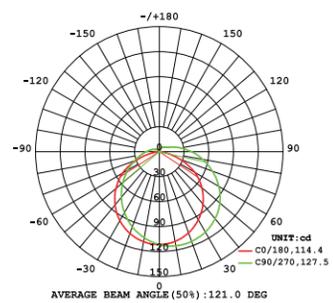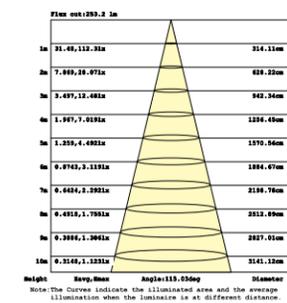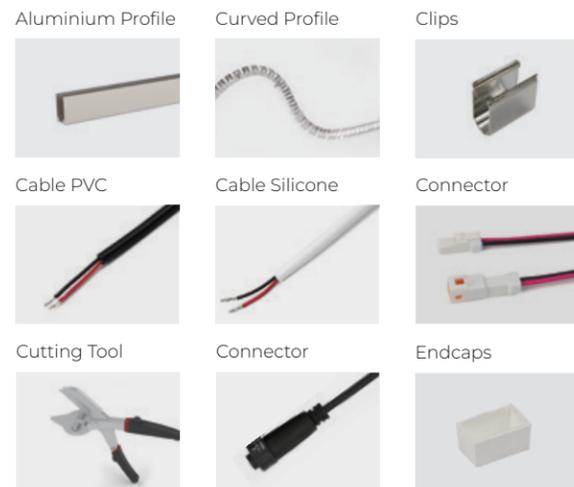

AVERAGE BEAM ANGLE(50%):121.0 DEG

Average Illuminance

Accessories

Aluminium Profile

Curved Profile

Clips

Cable PVC

Cable Silicone

Connector

Cutting Tool

Connector

Endcaps

Cable Lead Option

Front Cable Entry

Closed End cap

Integral end cap (IP68)

Technical Data

Model No.	ADW-PUNS0612-IP68
Dimension	0.24in x 0.47in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	52LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	16.4ft
Max. Production Length	16.4ft
Warranty	3 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-16ft

SAUNA NEON
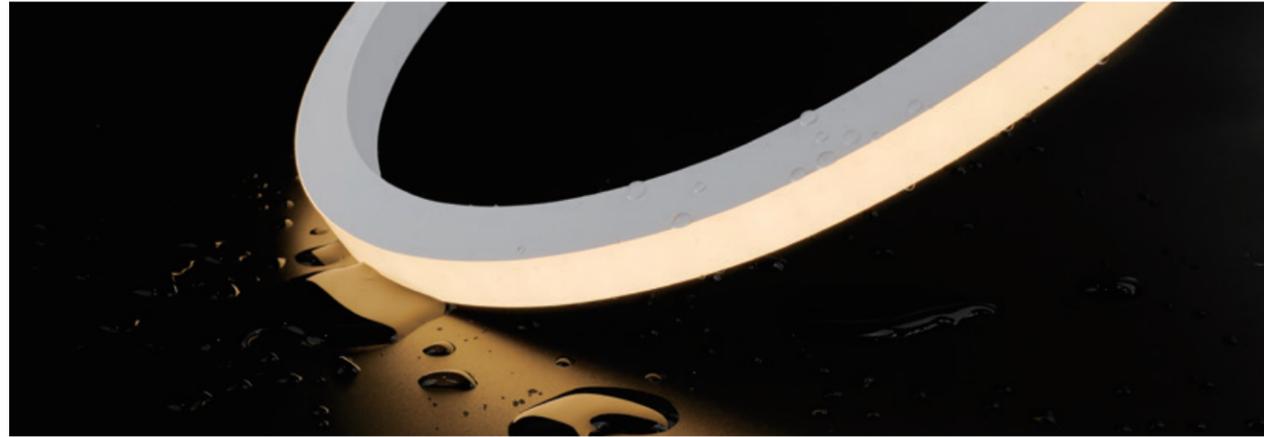
Designed for high-temperature environments.
-25℃~105℃ working temperature.
By long-life LED Lumileds.

SAUNA 1617 LED Neon Light // Top Bend
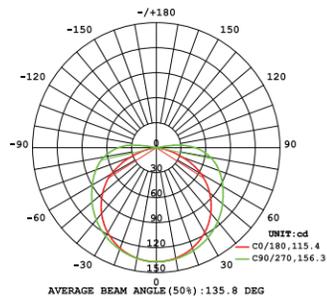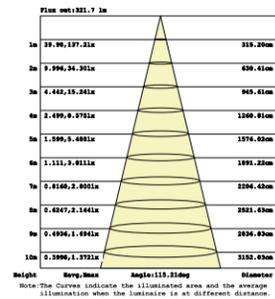

Φ ≥7.87"
0.67"
0.63"

SAUNA is high-temperature and high humidity environment, IP67 protection neon and working temperature in -25°C~105°C.

Vertical bending.
Lumileds LED. Dust-free matte finish.

Static Color

Color Temperature	1.5W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	129	86.2	2	CC
3000K	130	86.4	2	CC
3500K	140	93.6	2	CC
4000K	143	95.5	2	CC
5000K	143	95.6	2	CC
6500K	141	93.7	2	CC
Max. Run Length	**53ft**			

Tunable White

Color Temperature	1.4W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700K	118 1.4W/ft channel	82.7	3	CV
6000K	128 1.4W/ft channel	89.8	3	CV
2700K+6000K	128 Full light	89.6	3	CV
Max. Run Length	**21ft**			

RGBW

Color Temperature	2.8W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGBW	168	58.9	3	CV
Max. Run Length	**21ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,115.4
C90/270,156.3
AVERAGE BEAM ANGLE(50%):135.8 DEG

Average Illuminance

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

Accessories

Aluminium Profile
PC Profile
Curved Profile
Clips
Connector
Silicone Endcaps
Anti Siphon
Cable Silicone
Cable Silicone
Cutting Tool
Silicone

IK10 | Protection | Dirt Resistant | One Bin | SDCM 3 | 1ft-100ft

Technical Data

Model No.	ADW-FSA1617V24-Cx
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	95.5LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	3 years

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone end cap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

SAUNA 1617 LED Neon Light // Side Bend
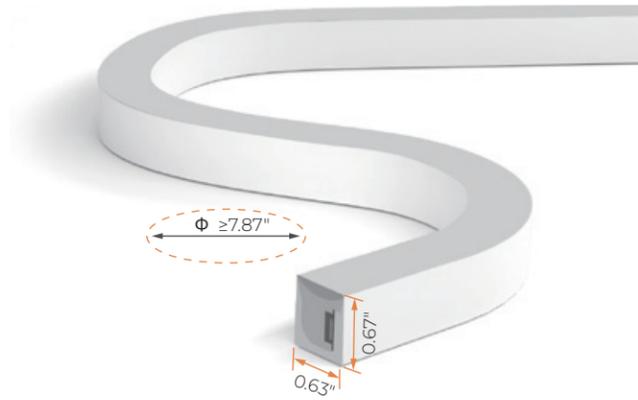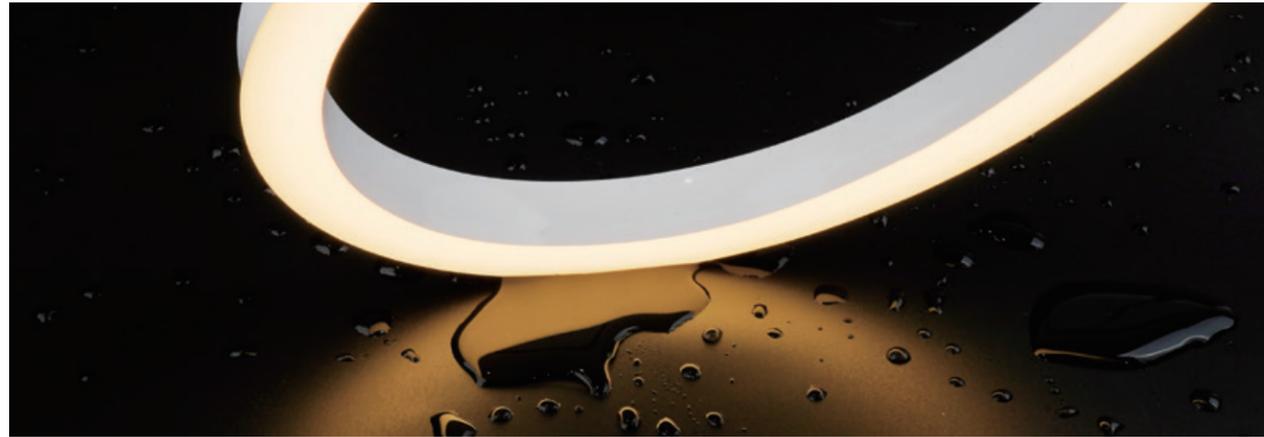
Φ ≥7.87"

0.67"

0.63"

SAUNA is high-temperature and high humidity environment, IP67 protection neon and working temperature in -25℃~105℃.

Horizontal bending.
Lumileds LED. Dust-free matte finish.

Static Color

Color Temperature(K)	1.5W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700	113	75.3	2	CC
3000	116	77.0	2	CC
3500	125	83.0	2	CC
4000	126	84.2	2	CC
5000	126	84.2	2	CC
6500	121	80.7	2	CC
Max. Run Length	**53ft**			

Tunable White

Color Temperature(K)	1.4W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700	110 1.4W/ft channel	77.2	3	CV
6000	118 1.4W/ft channel	82.3	3	CV
2700+6000	120 Full light	83.7	3	CV
Max. Run Length	**21ft**			

RGBW

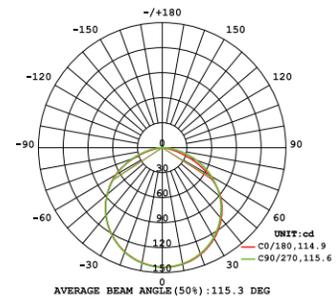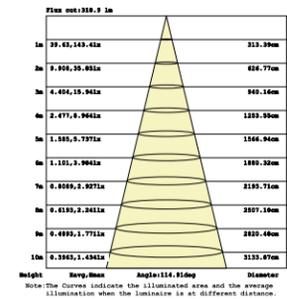| Color Temperature	2.8W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
RGBW	138	48.4	3	CV
Max. Run Length	**21ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,114.9
C90/270,115.6
AVERAGE BEAM ANGLE (50%) :115.3 DEG

Average Illuminance

Accessories

Aluminium Profile	PC Profile	Curved Profile
Clips	Connector	Silicone Endcaps
Anti Siphon	Cable Silicone	Cable Silicone
Cutting Tool	Silicone	

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Technical Data

Model No.	ADW-SSA1617V24-Cx
Dimension	0.63in x 0.67in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	84.2LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	3 years

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone end cap (IP67)				

SAUNA 1010 LED Neon Light // Top Bend

Static Color

Color Temperature(K)	1.5W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
2700	128	85.6	2	CC
3000	134	89.4	2	CC
3500	138	92.3	2	CC
4000	140	93.0	2	CC
5000	143	95.0	2	CC
6500	140	93.4	2	CC
Max. Run Length	**46ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Φ ≥5.91"

0.39"
0.39"

SAUNA is high-temperature and high humidity environment, IP67 protection neon and working temperature in -25°C~105°C.

Vertical bending.
Lumileds LED. Dust-free matte finish.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone Endcap (IP67)				

Light Distribution Curve

~/+180

UNIT:od
C0/180,115.4
C90/270,156.3

AVERAGE BEAM ANGLE(50%):135.8 DEG

Average Illuminance

Flux out:321.7 lm

1m	39.90,137.21n	319.20mm
2m	9.996,34.301n	630.41mm
3m	4.442,15.241n	945.61mm
4m	2.499,8.5751n	1260.81mm
5m	1.599,5.4881n	1576.03mm
6m	1.111,3.8111n	1891.23mm
7m	0.8160,2.8001n	2206.43mm
8m	0.6247,2.1441n	2521.63mm
9m	0.4936,1.6941n	2836.83mm
10m	0.3996,1.3721n	3152.03mm

Height   Navg,Emax   Angle:115.21deg   Diameter

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

Technical Data

Model No.	ADW-FSA1010V24-Cx
Dimension	0.39in x 0.39in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	93LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft / 21ft
Max. Production Length	100ft
Warranty	3 years

Accessories

Aluminium Profile   PC Profile   Curved Profile

Clips   Connector   Silicone Endcaps

Cable Silicone   Cable Silicone   Silicone

Cutting Tool   VHB Tape

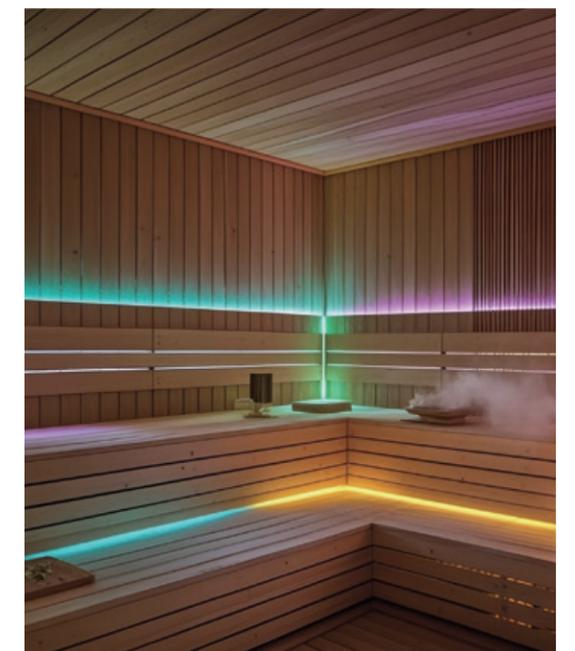IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

PIXEL NEON

Controlled by SPI or DMX512
To realize color-changing effects, gradients, chases, pulasting patterns, and animations.

PIXEL 1617 LED Neon Light // Top Bend

Φ ≥7.87"
0.67"
0.63"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Vertical bending.
Controlled by DMX512 signal, IC UCS512CL.

PIXEL RGBW DMX

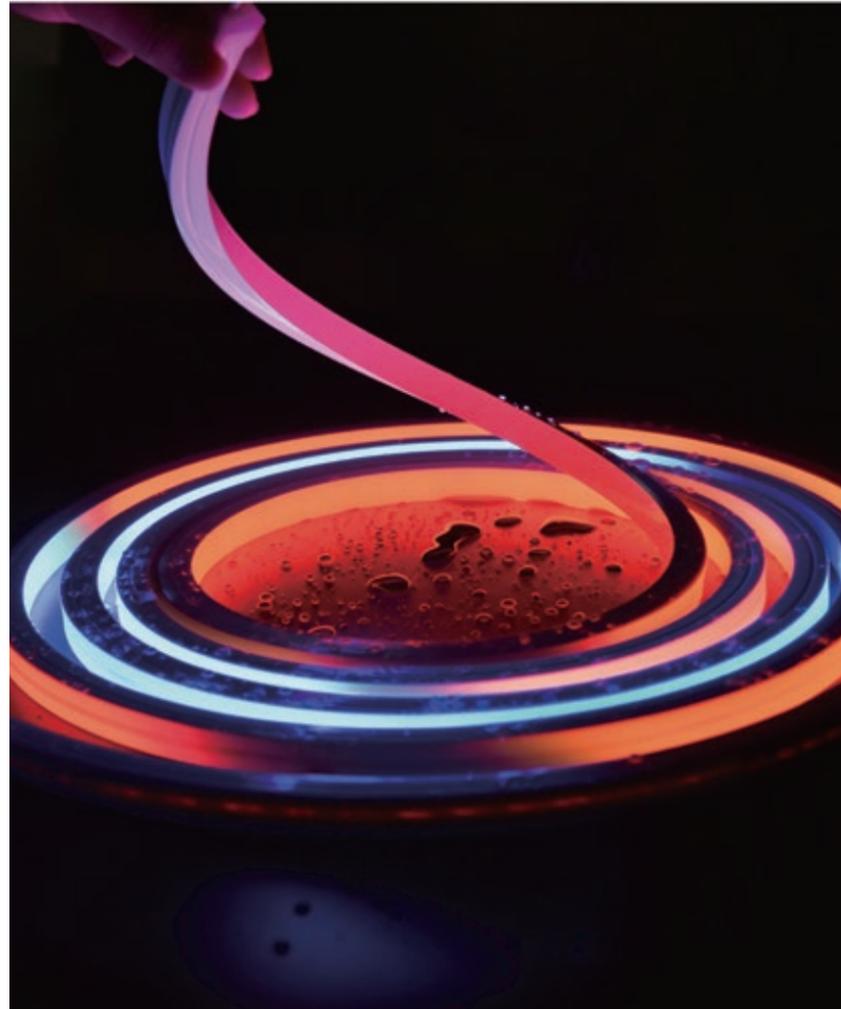| Color Temperature	4.5W/ft LM/ft		Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	19	1.6W/ft channel	5	5	CV
G	60	1.6W/ft channel	5	5	CV
B	12	1.6W/ft channel	5	5	CV
W4000K	50	1.6W/ft channel	5	5	CV
RGBW	134	Full light	5	5	CV
Max. Run Length	20ft				

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve
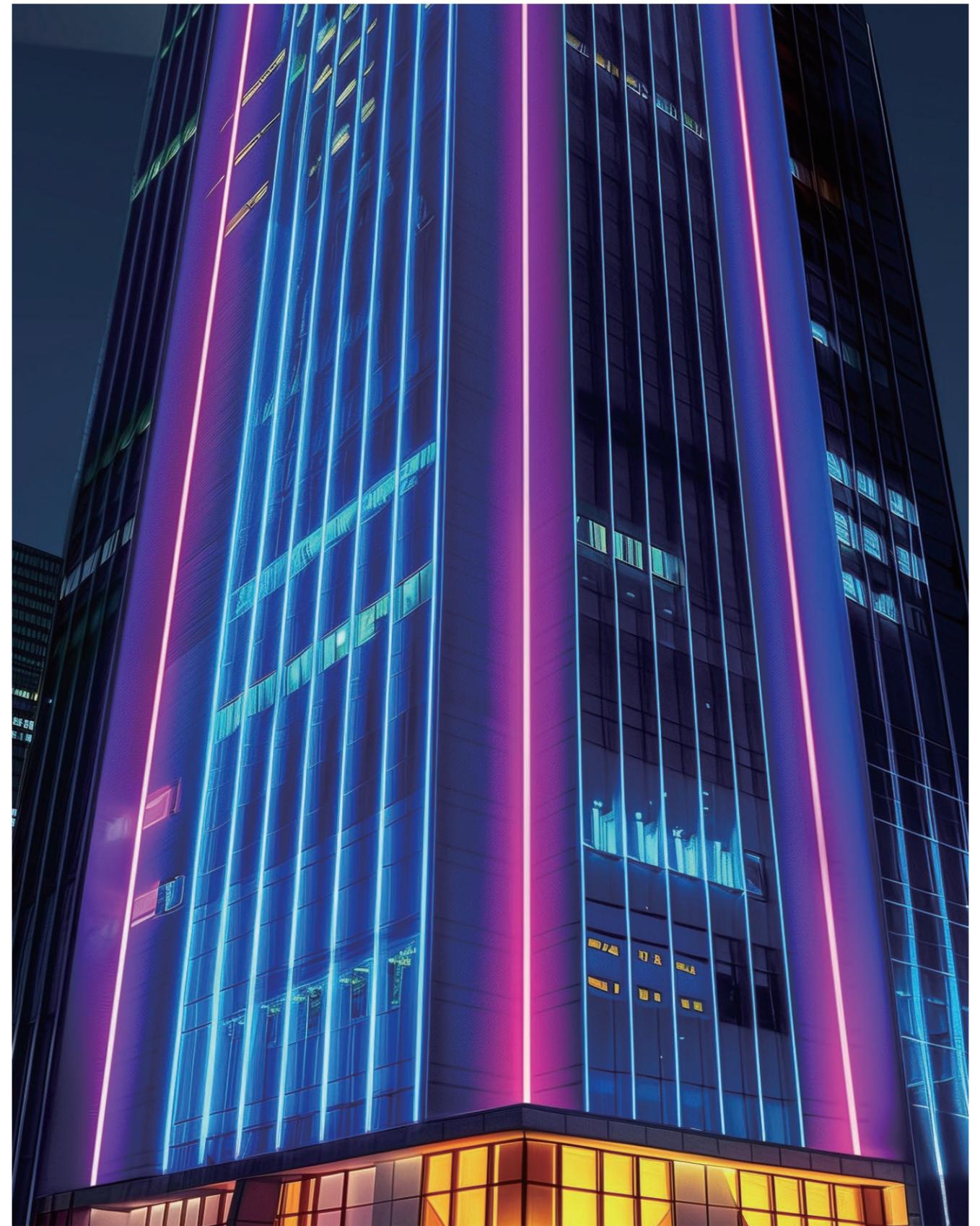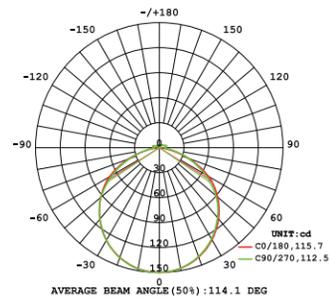
~/+180
-150 150
-120 120
-90 90
-60 60
-30 30
0
UNIT:cd
C0/180,115.7
C90/270,112.5
AVERAGE BEAM ANGLE(50%):114.1 DEG

Average Illuminance

Flux out:315.0 lm

1m	43.61,189.71in	283.96cm
2m	11.40,38.93in	567.91cm
3m	5.068,17.361in	851.87cm
4m	2.851,9.7331in	1135.83cm
5m	1.825,6.2291in	1419.78cm
6m	1.267,4.3261in	1703.74cm
7m	0.9309,3.1781in	1987.69cm
8m	0.7137,2.4331in	2271.65cm
9m	0.5631,1.9231in	2555.61cm
10m	0.4561,1.5571in	2839.56cm
Height	Aavg.Emax	Diameter

Angle:109.68deg
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Technical Data

Model No.	ADW-F1617V24-Crgbw-DMX512
Dimension	0.63in x 0.67in
Voltage	DC24V
Control	DMX512
IC Model	UCS512CL
Efficacy	30LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

Accessories

Aluminium Profile	PC Profile	Curved Profile
Clips	Silicone Endcaps	Silicone
Cable PVC	Cable Silicone	Anti Siphon
Connector	Signal Connector	T Connector

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 45 45	OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●●○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable	15 45 45	OD：6.4mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○●●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone end cap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

PIXEL 1617 LED Neon Light // Side Bend
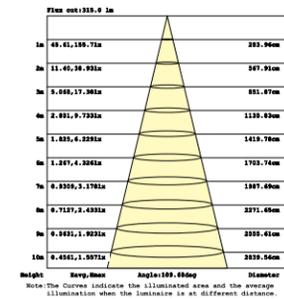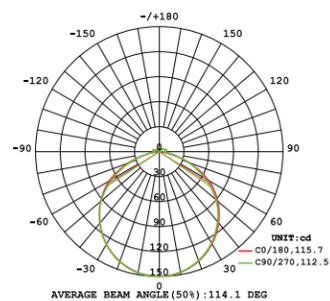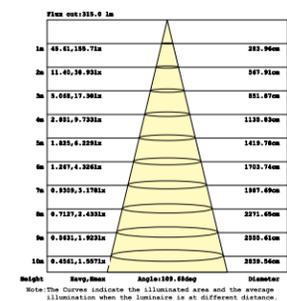

Φ ≥7.87"

0.67"

0.63"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Horizontal bending.
Controlled by DMX512 signal, IC UCS512CL.

PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft		Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	19	1.6W/ft channel	5	5	CV
G	60	1.6W/ft channel	5	5	CV
B	12	1.6W/ft channel	5	5	CV
W4000K	50	1.6W/ft channel	5	5	CV
RGBW	137	Full light	5	5	CV
Max. Run Length	20ft				

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,115.7
C90/270,112.5
AVERAGE BEAM ANGLE(50%):114.1 DEG

Average Illuminance

Flux out:315.0 lm

1m	43.61,100.71x	283.96mm
2m	11.40,30.93in	567.91mm
3m	5.068,17.36in	851.87mm
4m	2.851,9.733in	1135.83mm
5m	1.825,6.228in	1419.78mm
6m	1.287,4.326in	1703.74mm
7m	0.9309,3.178in	1987.69mm
8m	0.7127,2.433in	2271.65mm
9m	0.5631,1.923in	2555.61mm
10m	0.4561,1.557in	2839.56mm
Height	Eavg,Emax	Angle:109.68deg	Diameter

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

Accessories

Aluminium Profile	PC Profile	Curved Profile
Clips	Silicone Endcaps	Silicone
Cable PVC	Cable Silicone	Anti Siphon
Connector	Signal Connector	T Connector

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Technical Data

Model No.	ADW-S1617V24-Crgbw-DMX512
Dimension	0.63in x 0.67in
Voltage	DC24V
Control	DMX512
IC Model	UCS512CL
Efficacy	30.4LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 45 45	OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●○●○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable	15 45 45	OD：6.4mm / Inner core：Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○●○●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral Endcap (IP67)				
Silicone end cap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

PIXEL 1617 LED Neon Light // 3D

PIXEL RGBW SPI

Color Temperature	4.5W/ft LM/ft		Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	14	1.5W/ft channel	5	5	CV
G	42	1.5W/ft channel	5	5	CV
B	9	1.5W/ft channel	5	5	CV
W3500K	38	1.5W/ft channel	5	5	CV
RGBW	92	Full light	5	5	CV
Max. Run Length	17ft				

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
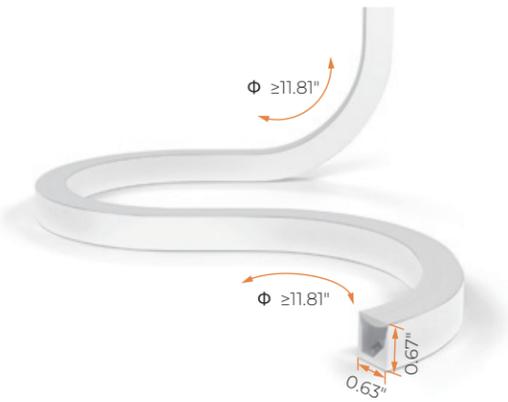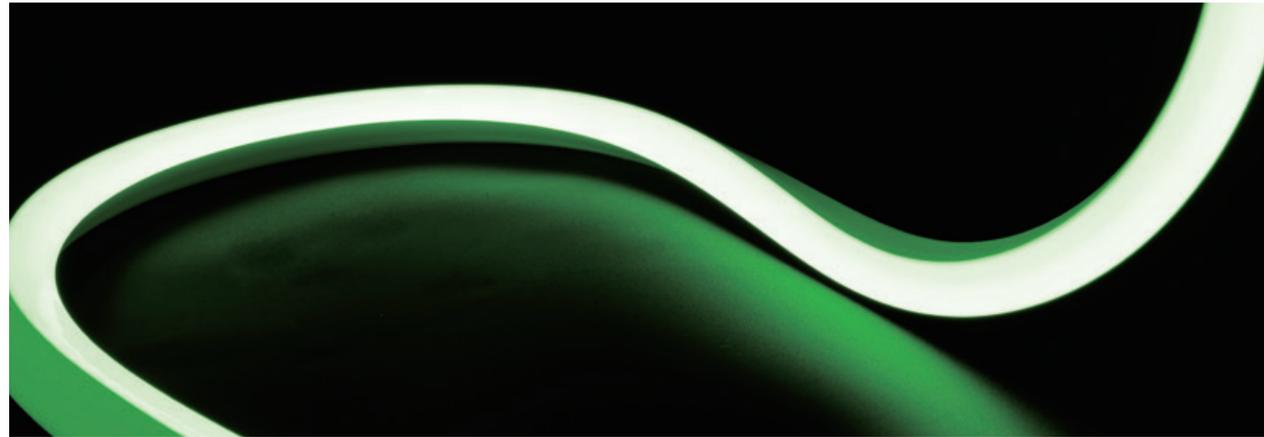*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Φ ≥11.81"

Φ ≥11.81"

0.67"

0.63"
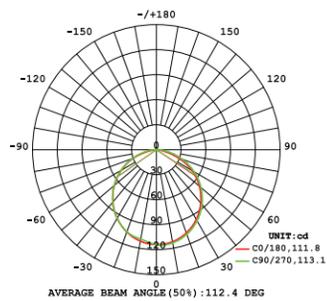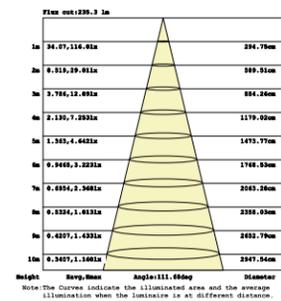
PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Vertical & Horizontal dual bending.
Controlled by SPI signal, IC UCS2904

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 45 45	OD：4.0MM /Inner core：22AWG M12Male / Female connecto	●●●	SPI： Red V+,Green DI/DO,Black V-
Silicone Cable	15 45 45	OD：6.0mm /Inner core：20AWG M12Male / Female connecto	●●●	SPI： Red V+,Green DI/DO,Black V-

Cable Lead Option

Integral end cap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

Silicone Endcap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

Light Distribution Curve

~/+180
-150 150
-120 120
-90 90
-60 60
-30 30
0
UNIT:cd
C0/180,111.8
C90/270,113.1
AVERAGE BEAM ANGLE(50%):112.4 DEG

Average Illuminance

Plsm cut:250.3 ln

1m	34.07,116.61z	294.79cm
2m	8.519,29.051z	589.51cm
3m	3.786,12.892z	884.26cm
4m	2.130,7.2531z	1179.00cm
5m	1.363,4.6421z	1473.77cm
6m	0.9469,3.2231z	1768.53cm
7m	0.6954,2.3681z	2063.30cm
8m	0.5324,1.8131z	2358.03cm
9m	0.4207,1.4321z	2652.79cm
10m	0.3407,1.1601z	2947.56cm
Height	Bavg,Emax	Angle:111.08deg	Diameter

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

Accessories

Aluminium Profile Clips Silicone Endcaps

Cable PVC Cable Silicone Anti Siphon

Cutting Tool Connector Silicone

Signal Connector T Connector

IK10 Protection Dirt Resistant One Bin 3 SDCM 1ft-33ft

Technical Data

Model No.	ADW-3D1617V24-Crgbw-SPI
Dimension	0.63in x 0.67in
Voltage	DC24V
Control	SPI
IC Model	UCS2904
Efficacy	20.4LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	15ft
Max. Production Length	33ft
Warranty	3 years

PIXEL 2222 LED Neon Light // Top Bend

PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft		Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	17	1.6W/ft channel	5	5	CV
G	46	1.6W/ft channel	5	5	CV
B	10	1.6W/ft channel	5	5	CV
W4000K	50	1.6W/ft channel	5	5	CV
RGBW	118	Full light	5	5	CV
Max. Run Length	**20ft**				

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Φ ≥11.81"
0.87"
0.87"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

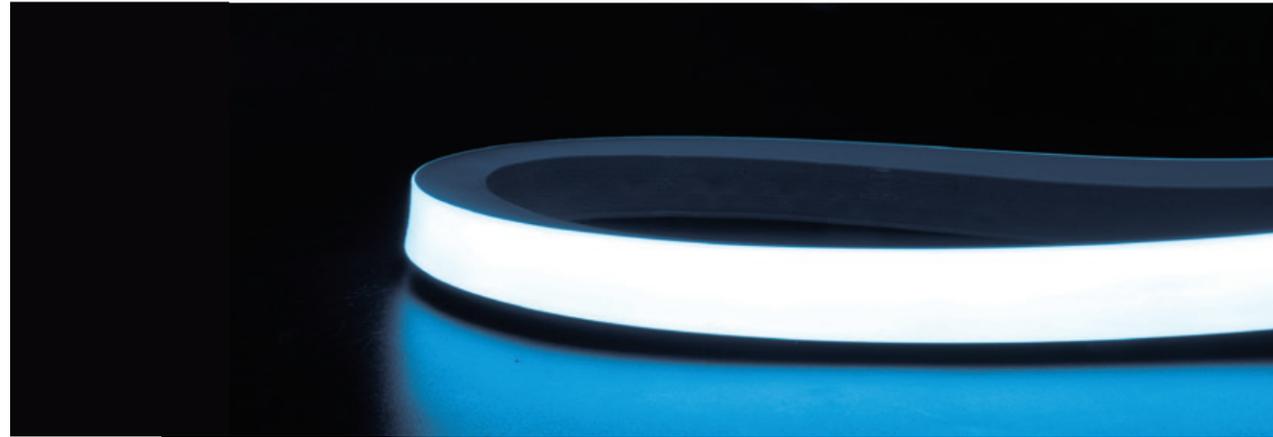Vertical bending.
Controlled by DMX512 signal, IC UCS512CL.

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 / 45 / 45	OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●●○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable	15 / 45 / 45	OD：6.4mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○○●●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Cable Lead Option

Integral Endcap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Silicone Endcap (IP67)	Front Cable Entry			Closed End cap

Light Distribution Curve

~/+180
-150   150
-120   120
-90   90
-60   60
-30   30
UNIT : cd
C0/180,112.8
C90/270,112.7
AVERAGE BEAM ANGLE(50%) :112.7 DEG

Average Illuminance

Flux out:301.5 lm

	Avrg.Emax	Angle:111.91deg	Diameter
1m	43.67,140.71x		296.92mm
2m	10.92,36.681x		592.96mm
3m	4.852,16.361x		888.18mm
4m	2.729,9.169lx		1184.12mm
5m	1.747,5.868lx		1480.16mm
6m	1.213,4.073lx		1776.19mm
7m	0.8912,2.994lx		2072.22mm
8m	0.6823,2.292lx		2368.25mm
9m	0.5391,1.811lx		2664.29mm
10m	0.4367,1.467lx		2960.32mm
Height	Avrg.Emax	Angle:111.91deg	Diameter

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

Technical Data

Model No.	ADW-F2222V24-Crgbw-DMX512
Dimension	0.87in x 0.87in
Voltage	DC24V
Control	DMX512
IC Model	UCS512CL
Efficacy	26.1LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

Accessories

Aluminium Profile	Clips	Curved Profile
Connector	Silicone Endcaps	Cutting Tool
Cable PVC	Cable Silicone	Anti Siphon
Silicone	Signal Connector	T Connector

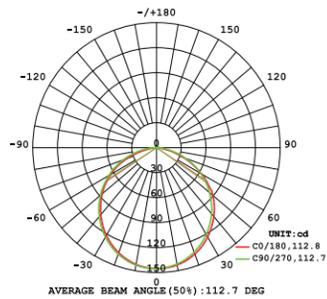IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

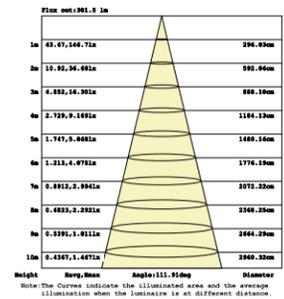# PIXEL 2020 LED Neon Light // Top Bend

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Vertical bending.
Controlled by DMX512 signal, IC UCS512CL.

Φ ≥7.87"
0.79"
0.79"

PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft	Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	12 1.6W/ft channel	5	5	CV
G	38 1.6W/ft channel	5	5	CV
B	10 1.6W/ft channel	5	5	CV
W4000K	43 1.6W/ft channel	5	5	CV
RGBW	98 Full light	5	5	CV
Max. Run Length	20ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
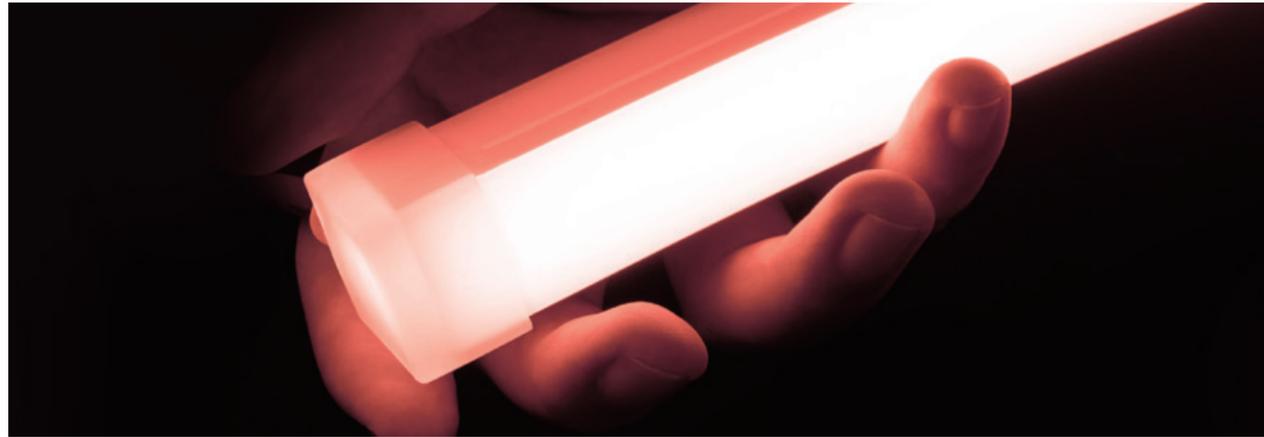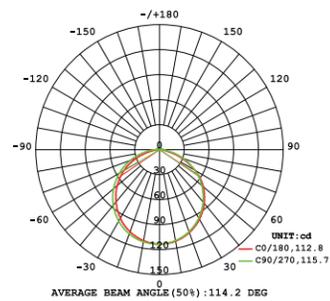*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,112.8
C90/270,115.7
AVERAGE BEAM ANGLE(50%) :114.2 DEG

Average Illuminance

Flux out:268.7 lm

1m	30.91,114.71m	300.95cm
2m	7.728,28.681m	601.93cm
3m	3.435,12.751m	902.85cm
4m	1.932,7.1701m	1203.80cm
5m	1.236,4.5881m	1504.83cm
6m	0.8587,3.1871m	1805.76cm
7m	0.6309,2.341m	2106.74cm
8m	0.4830,1.7931m	2407.70cm
9m	0.3816,1.4161m	2700.67cm
10m	0.3091,1.1471m	3003.52cm

Height   Eavg,Emax   Angle:112.79deg   Diameter

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

Technical Data

Model No.	ADW-F2020V24-Crgbw-DMX512
Dimension	0.79in x 0.79in
Voltage	DC24V
Control	DMX512
IC Model	UCS512CL
Efficacy	21.7LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Curved Profile	Connector	Silicone
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Signal Connector	T Connector

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 45 45	OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●●○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable	15 45 45	OD：6.4mm / Inner core：Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○○●●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Cable Lead Option

Integral end cap (IP67)

Bottom Cable Entry   Closed End cap

Silicone Endcap (IP67)

Front Cable Entry   Side Cable Entry   Bottom Cable Entry   Closed End cap

PIXEL 2020 LED Neon Light // Side Bend
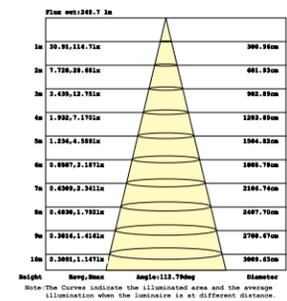

Φ ≥7.87"
0.79"
0.79"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Horizontal bending.
Controlled by DMX512 signal, IC UCS512CL.

PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft	Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	12 1.6W/ft channel	5	5	CV
G	31 1.6W/ft channel	5	5	CV
B	7 1.6W/ft channel	5	5	CV
W4000K	34 1.6W/ft channel	5	5	CV
RGBW	82 Full light	5	5	CV
Max. Run Length	20ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
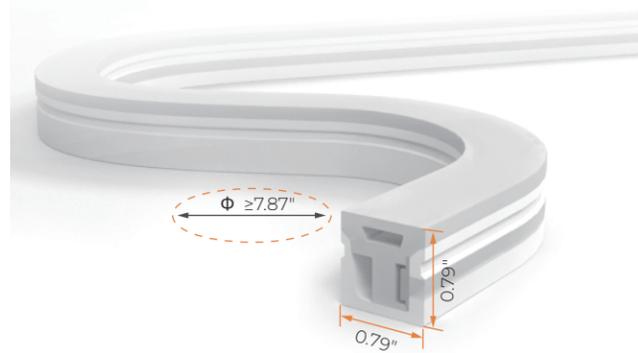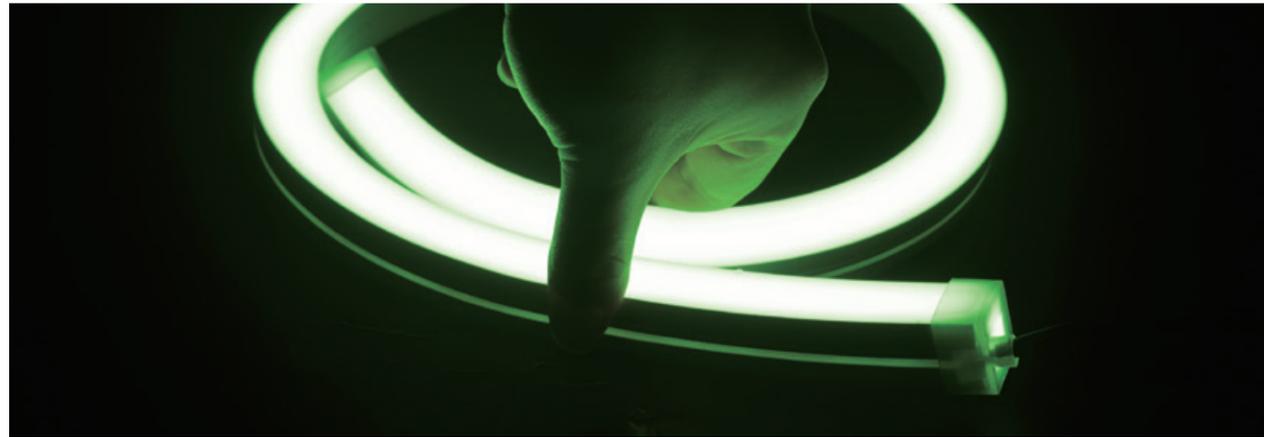*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,113.1
C90/270,113.0
AVERAGE BEAM ANGLE(50%):113.0 DEG

Average Illuminance

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●○○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable		OD：6.4mm / Inner core：Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○○●●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Curved Profile	Connector	Silicone
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Signal Connector	T Connector

Cable Lead Option

Integral end cap (IP67)

Bottom Cable Entry   Closed End cap

Silicone Endcap (IP67)

Front Cable Entry   Side Cable Entry   Bottom Cable Entry   Closed End cap

Technical Data

Model No.	ADW-S2020V24-Crgbw-DMX512
Dimension	0.79in x 0.79in
Voltage	DC24V
Control	DMX512
IC Model	UCS512CL
Efficacy	18LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

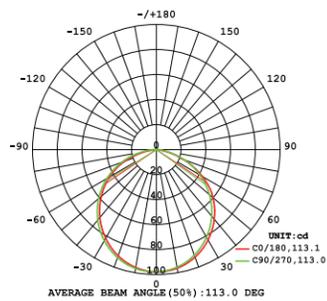IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft
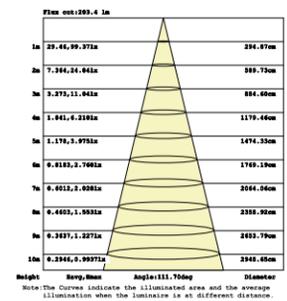
PIXEL 1220 LED Neon Light // Side Bend

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Horizontal bending.
Controlled by DMX512 signal, IC UCS512CL.

Φ ≥5.91"
0.79"
0.47"

PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft	Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	12 1.6W/ft channel	5	5	CV
G	34 1.6W/ft channel	5	5	CV
B	7 1.6W/ft channel	5	5	CV
W3500K	38 1.6W/ft channel	5	5	CV
RGBW	89 Full light	5	5	CV
Max. Run Length	20ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
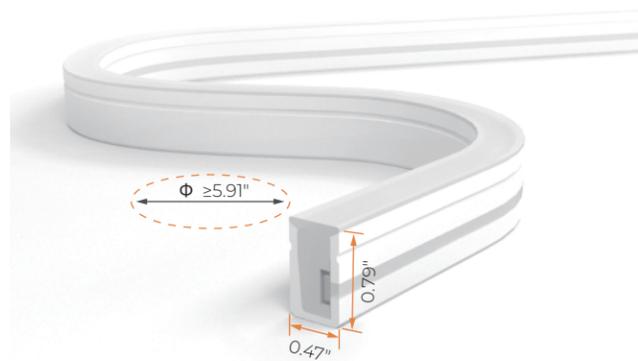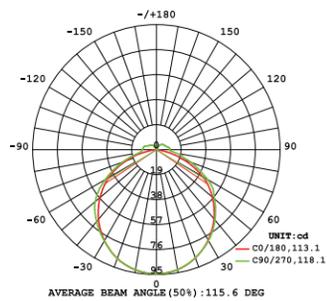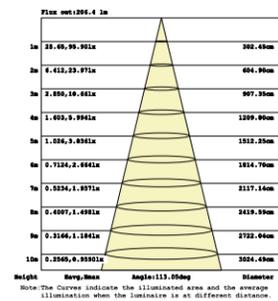*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT: cd
C0/180,113.1
C90/270,118.1
AVERAGE BEAM ANGLE(50%) :115.6 DEG

Average Illuminance

Flux out:266.4 lm

| Height | Eavg,Emax | Angle:113.06deg | Diameter |

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

Accessories

Aluminium Profile	Clips	Clips
Curved Profile	Quick Endcaps	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Connector	Signal Connector	T Connector

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Technical Data

Model No.	ADW-S1220V24-Crgbw-DMX512
Dimension	0.47in x 0.79in
Voltage	DC24V
Control	DMX 512
IC Model	UCS512CL
Efficacy	19.8LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 45 45	OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●●○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable	15 45 45	OD：6.4mm / Inner core：Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○○●●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Quick Endcap (IP67)				
Silicone end cap (IP67)				

PIXEL 1615 LED Neon Light // Top Bend

PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft	Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	17 1.6W/ft channel	5	5	CV
G	48 1.6W/ft channel	5	5	CV
B	10 1.6W/ft channel	5	5	CV
W4000K	53 1.6W/ft channel	5	5	CV
RGBW	125 Full light	5	5	CV
Max. Run Length	20ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
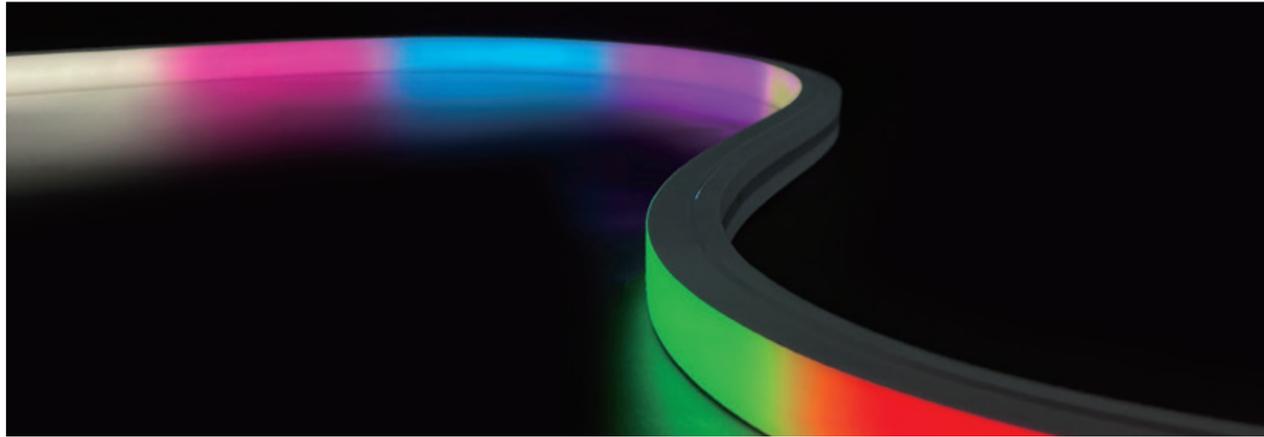*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Φ ≥7.87"
0.59"
0.63"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Vertical bending.
Controlled by DMX512 signal, IC UCS512CL.

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD：5.5mm /Inner core：22AWG M12Male / Female connecto		DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable		OD：6.4mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto		DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Light Distribution Curve

~/+180
-150 150
-120 120
-90 90
-60 60
-30 30
0
UNIT:cd
C0/180,111.6
C90/270,112.2
AVERAGE BEAM ANGLE(50%):111.9 DEG

Average Illuminance

Plano cut:302.4 in

1m	40.82,148.61x	294.40mm
2m	10.90,37.201x	588.81mm
3m	4.869,16.531x	883.21mm
4m	2.729,9.299lx	1177.59mm
5m	1.795,5.952lx	1471.99mm
6m	1.217,4.133lx	1766.39mm
7m	0.8942,3.037lx	2060.79mm
8m	0.6845,2.325lx	2355.19mm
9m	0.5410,1.837lx	2649.59mm
10m	0.4383,1.488lx	2943.00mm

Height   Aerg.Emax   Angle:111.62deg   Diameter
Note:The Curves indicate the illuminated area and the average illumination when the Luminaire is at different distance.

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Quick Endcap (IP67)				
Silicone end cap (IP67)				

Accessories

Aluminium Profile	PC Profile	Curved Profile
Clips	Quick Endcaps	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Connector	Signal Connector	T Connector

IK10   Protection(UV)   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

Technical Data

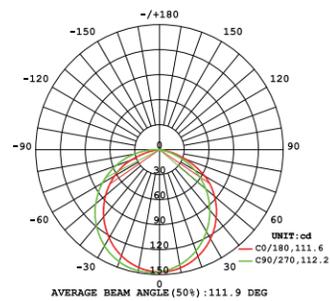| Model No.	ADW-F1615V24-Crgbw-DMX512
Dimension	0.63in x 0.59in
Voltage	DC24V
Control	DMX 512
IC Model	UCS512CL
Efficacy	27.8LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

PIXEL 1010 LED Neon Light // Top Bend
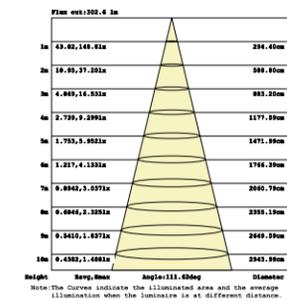

Φ ≥5.91"

0.39"
0.39"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Vertical bending.
Controlled by SPI signal, IC WS2811

PIXEL RGB SPI

Color Temperature	3.6W/ft LM/ft	Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	21 1.4W/ft channel	4	4	CV
G	57 1.4W/ft channel	4	4	CV
B	9 1.4W/ft channel	4	4	CV
RGB	84 Full light	4	4	CV
Max. Run Length	17ft			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
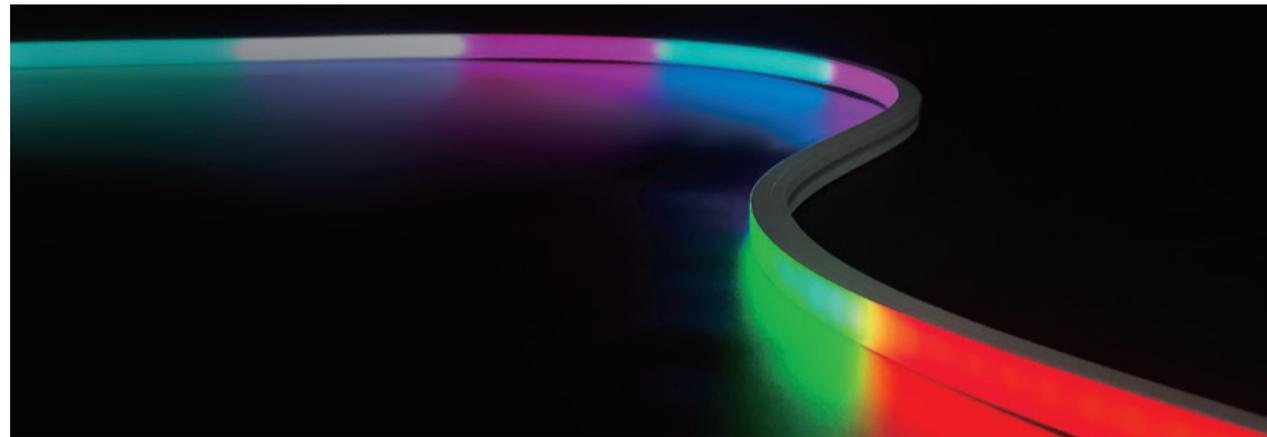*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

~/+180

UNIT:cd
C0/180,112.5
C90/270,112.3

AVERAGE BEAM ANGLE(50%):112.4 DEG

Average Illuminance

Accessories

Aluminium Profile	PC Profile	Silicone
Clips	Quick Endcaps	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Connector	Signal Connector	T Connector

IK10 | Protection | Dirt Resistant | One Bin | 3 SDCM | 1ft-100ft

Technical Data

Model No.	ADW-F1010V24-Crgb-SPI
Dimension	0.39in x 0.39in
Voltage	DC24V
Control	SPI
IC Model	WS2811
Efficacy	23LM/W @RGB
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	15ft
Max. Production Length	100ft
Warranty	3 years

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 / 45 / 45	OD：4.0MM /Inner core：22AWG M12Male / Female connecto	●●●	SPI： Red V+，Green DI/DO，Black V-
Silicone Cable	15 / 45 / 45	OD：6.0mm /Inner core：20AWG M12Male / Female connecto	●●●	SPI： Red V+，Green DI/DO，Black V-

Cable Lead Option

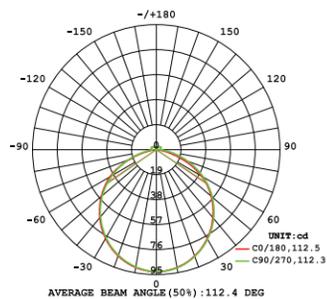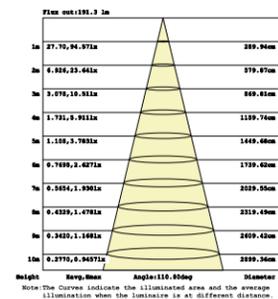|	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
Silicone end cap (IP67)	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap

PIXEL 0612 LED Neon Light // Side Bend

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

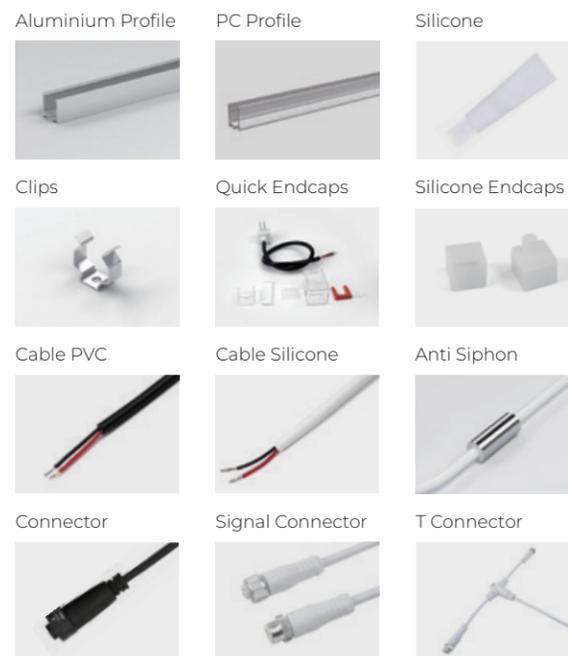Horizontal bending.
Controlled by SPI signal, IC WS2811

Φ ≥1.97"
0.47"
0.24"

PIXEL RGB SPI

Color Temperature	3.6W/ft LM/ft		Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	9	1.4W/ft channel	4	4	CV
G	24	1.4W/ft channel	4	4	CV
B	3	1.4W/ft channel	4	4	CV
RGB	36	Full light	4	4	CV
Max. Run Length	**17ft**				

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
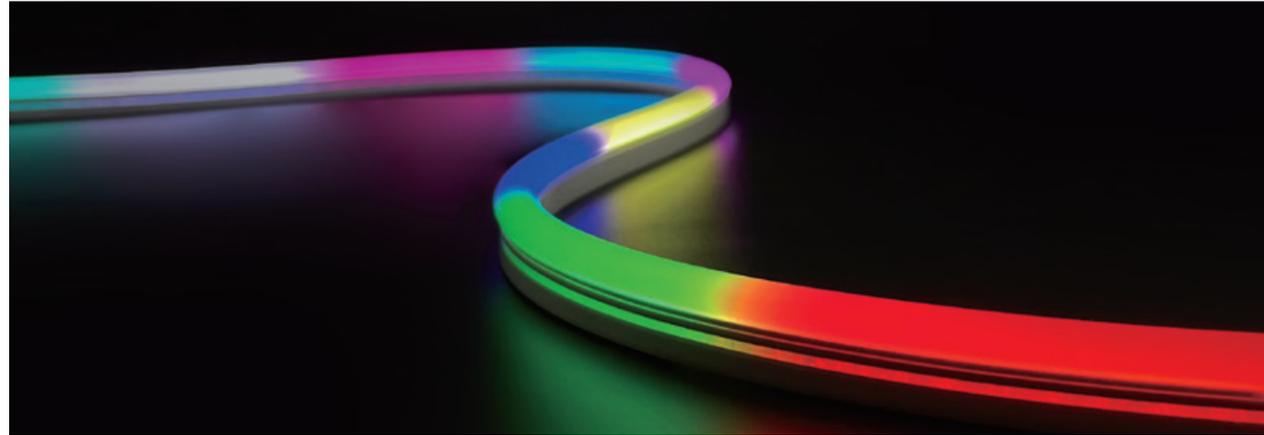*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

~/+180

UNIT：cd
C0/180,112.2
C90/270,117.4

AVERAGE BEAM ANGLE(50%) :114.8 DEG

Average Illuminance

Flux out:90.36 lm

1m	11.33,41.251x	297.29mm
2m	2.808,10.311x	594.58mm
3m	1.348,4.5031x	891.87mm
4m	0.7019,2.5791x	1189.17mm
5m	0.4492,1.6501x	1486.46mm
6m	0.3119,1.1461x	1783.76mm
7m	0.2292,0.8411x	2081.04mm
8m	0.1756,0.6441x	2378.33mm
9m	0.1386,0.5091x	2675.62mm
10m	0.1123,0.4131x	2972.93mm

Weight   Navg,Nmax   Angle:112.14deg   Diameter

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

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Connector	Signal Connector	T Connector

Technical Data

Model No.	ADW-S0612V24-Crgb-SPI
Dimension	0.24in x 0.47in
Voltage	DC24V
Control	SPI
IC Model	WS2811
Efficacy	10LM/W @RGB
Storage Temperature	-30~60 ℃ / -22~140 ℉
Standard Length	15ft
Max. Production Length	100ft
Warranty	3 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 / 45 / 45	OD：4.0MM /Inner core：22AWG M12Male / Female connecto	● ● ●	SPI： Red V+，Green DI/DO，Black V-
Silicone Cable	15 / 45 / 45	OD：6.0mm /Inner core：20AWG M12Male / Female connecto	● ● ●	SPI： Red V+，Green DI/DO，Black V-

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Integral end cap (IP67)				
	Front Cable Entry	Side Cable Entry	Bottom Cable Entry	Closed End cap
Silicone end cap (IP67)				

PIXEL 0817 LED Neon Light // Side Bend

PIXEL RGB SPI

Color Temperature	3.6W/ft LM/ft		Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	12	1.2W/ft channel	4	4	CV
G	34	1.2W/ft channel	4	4	CV
B	5	1.2W/ft channel	4	4	CV
RGB	48	Full light	4	4	CV
Max. Run Length	**17ft**				

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Φ ≥3.94"
0.67"
0.32"
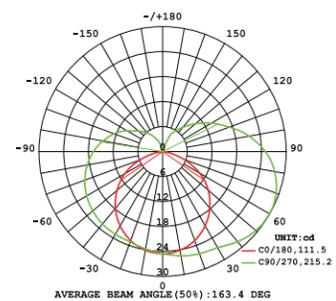
PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.
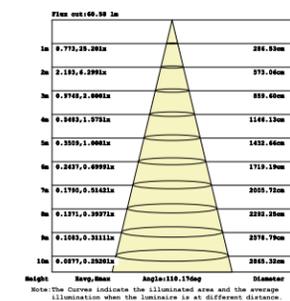
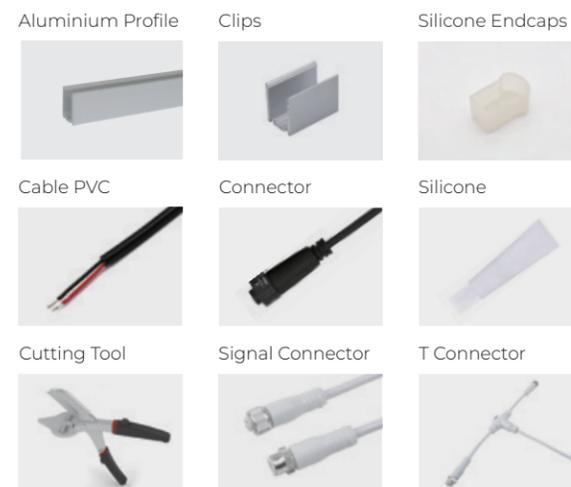Horizontal bending.
Controlled by SPI signal, IC WS2811

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 45 45	OD：4.0MM /Inner core：22AWG M12Male / Female connecto	●●●	SPI：Red V+，Green DI/DO，Black V-

Cable Lead Option

	Front Cable Entry	Side Cable Entry	Closed End cap
Silicone end cap (IP67)			

Light Distribution Curve

AVERAGE BEAM ANGLE(50%):163.4 DEG

Average Illuminance

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Cable PVC	Connector	Silicone
Cutting Tool	Signal Connector	T Connector

Technical Data

Model No.	ADW-S0817V24-Crgb-SPI
Dimension	0.32in x 0.67in
Voltage	DC24V
Control	SPI
IC Model	WS2811
Efficacy	16.7LM/W @RGB
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	15ft
Max. Production Length	100ft
Warranty	3 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   1ft-100ft

PIXEL 1225 LED Neon Light // Side Bend

Φ ≥5.91"

0.98"

0.47"

PIXEL is a digital LED neon to realize color-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronized for captivating visual displays.

Horizontal bending.
Controlled by DMX512 signal, IC UCS512CL.
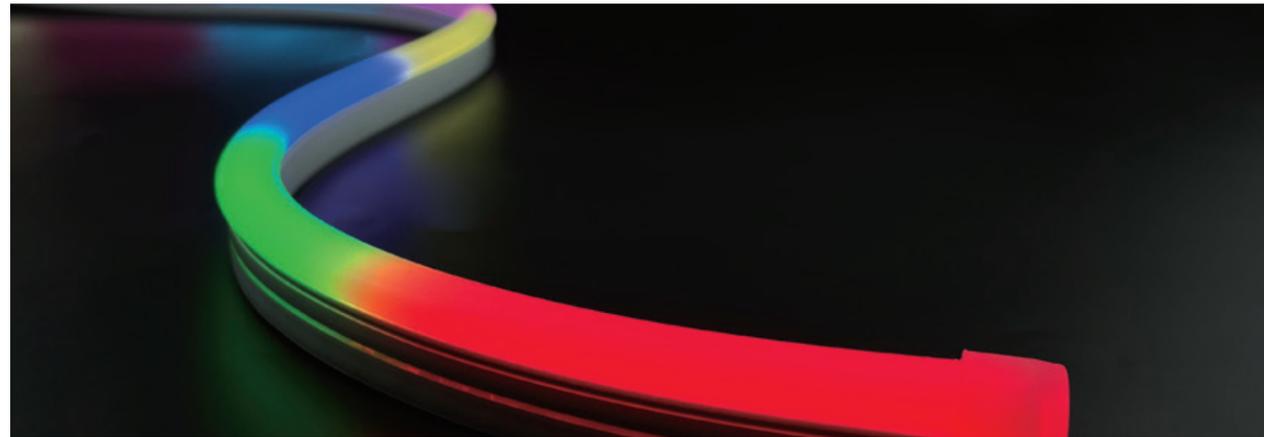
PIXEL RGBW DMX

Color Temperature	4.5W/ft LM/ft	Pixel Resolution (in)	Cutting Interval (in)	CV/CC
R	10 1.6W/ft channel	5	5	CV
G	29 1.6W/ft channel	5	5	CV
B	7 1.6W/ft channel	5	5	CV
W3500K	29 1.6W/ft channel	5	5	CV
RGBW	70 Full light	5	5	CV
Max. Run Length	20ft			

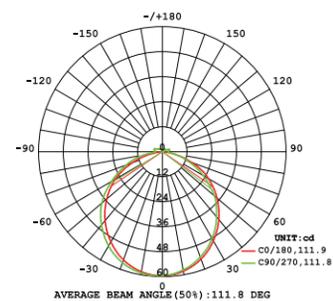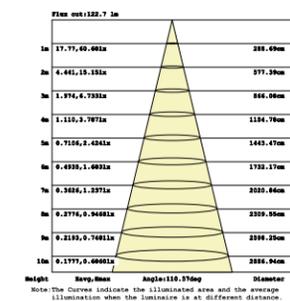*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,111.9
C90/270,111.8
AVERAGE BEAM ANGLE(50%):111.8 DEG

Average Illuminance

Accessories

Aluminium Profile	Clips	Silicone Endcaps
Cable PVC	Cable Silicone	Anti Siphon
Cutting Tool	Connector	Silicone
Signal Connector	T Connector	

Technical Data

Model No.	ADW-S1225V24-Crgbw-DMX512
Dimension	0.47in x 0.98in
Voltage	DC24V
Control	DMX512
IC Model	UCS512CL
Efficacy	15.7LM/W @RGBW
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	20ft
Max. Production Length	100ft
Warranty	3 years

IK10 Protection Dirt Resistant One Bin 3 SDCM 1ft-100ft

Cable Type

Material	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	15 / 45 / 45	OD：5.5mm /Inner core：22AWG M12Male / Female connecto	●●●○●	DMX512：RedV+、GreenPI/PO、BlueAI/AO、WhiteBI/BO、BlackV-
Silicone Cable	15 / 45 / 45	OD：6.4mm / Inner core：Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connecto	●○●●●	DMX512：Black V-、White BI/BO、Blue AI/AO、Green PI/PO、Red V+

Cable Lead Option

Integral end cap (IP67)

Bottom Cable Entry

Closed End cap

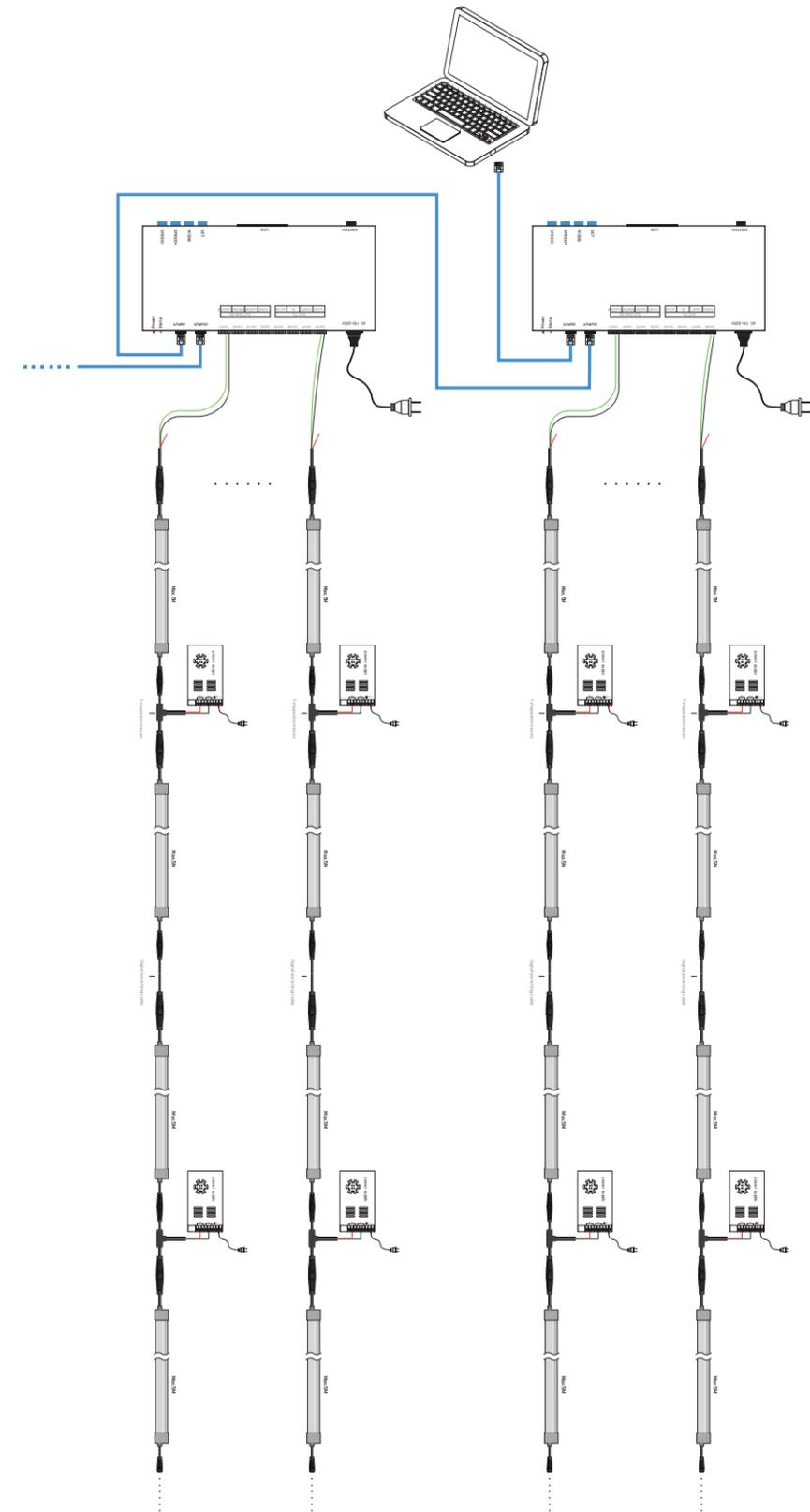**Silicone end cap (IP67)**

Front Cable Entry

Closed End cap

T-type 3 channel connector

111mm   55mm   110mm

48mm   47mm

15mm   16mm

210mm±10

Green — Green
Black — Black
Red — Red

Red Black

Green
Red   Black
M12 Male connector

Green
Black   Red
M12 Female connector

Function:
between led strip in parallel,signal pass-through

Signal switching cable

315mm±10

48mm   47mm

15mm   16mm

Green
NC   Black
M12 Male connector

Green
Black   NC
M12 Female connector

Black — Black
Green — Green
NC — NC

T-type 3 channel connector

100mm   64mm   100mm

50mm   52mm

16mm   16mm

200mm

Green ——————— Green
White ——————— White
Blue ——————— Blue
Black ——————— Black
Red ——————— Red

Red Black

Function:
between led strip in parallel,signal pass-through

Blue
Green   White
Red   Black

Male connector

Blue
White   Green
Black   Red

Female connector

Signal switching cable

200mm

50mm   52mm

16mm   16mm

Blue
Green   White
Don't   Black
connect

Male connector

Blue
White   Green
Black   Don't
connect

Female connector

White ——————— White
Blue ——————— Blue
Green ——————— Green
Black ——————— Black
NC ——————— NC
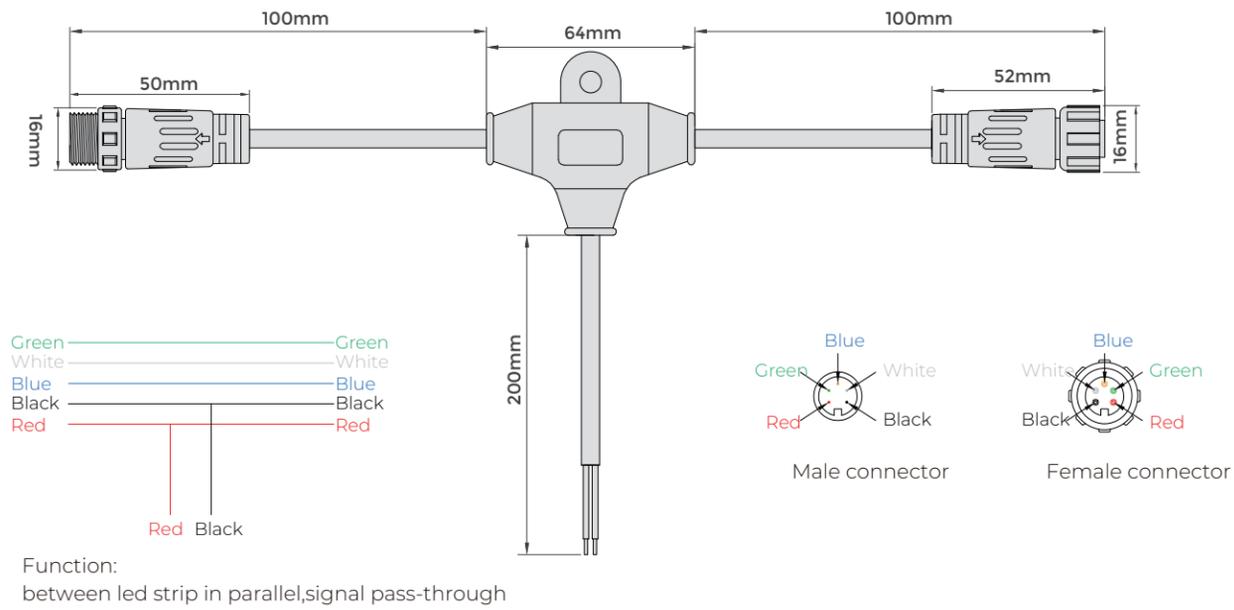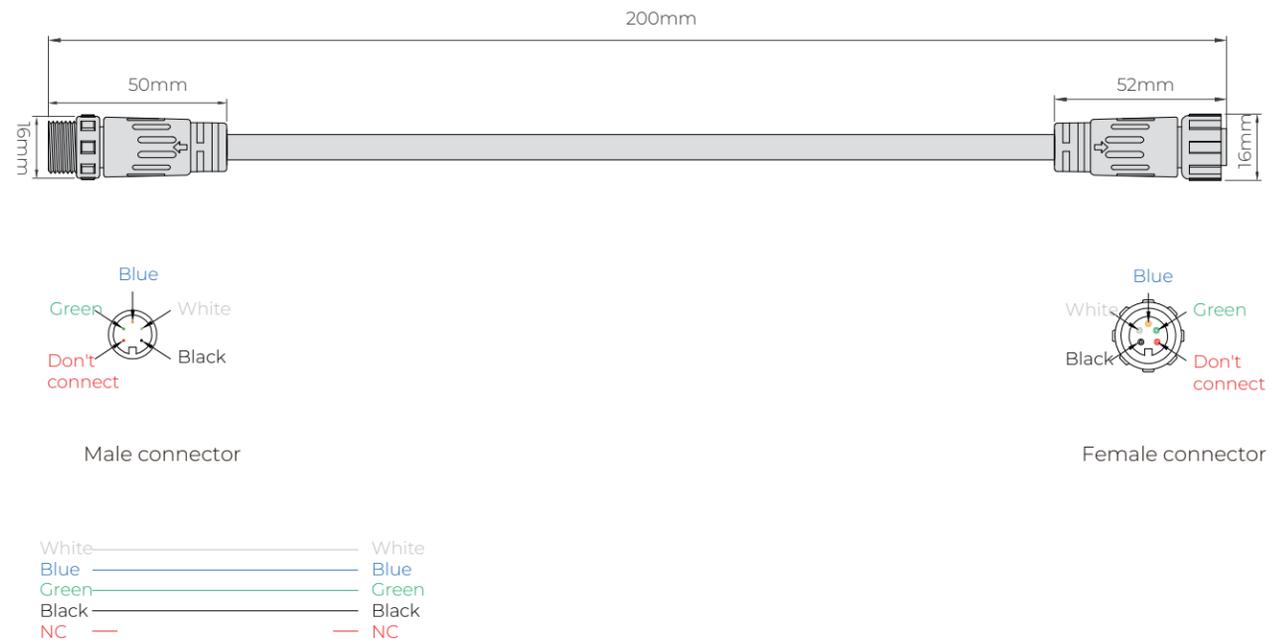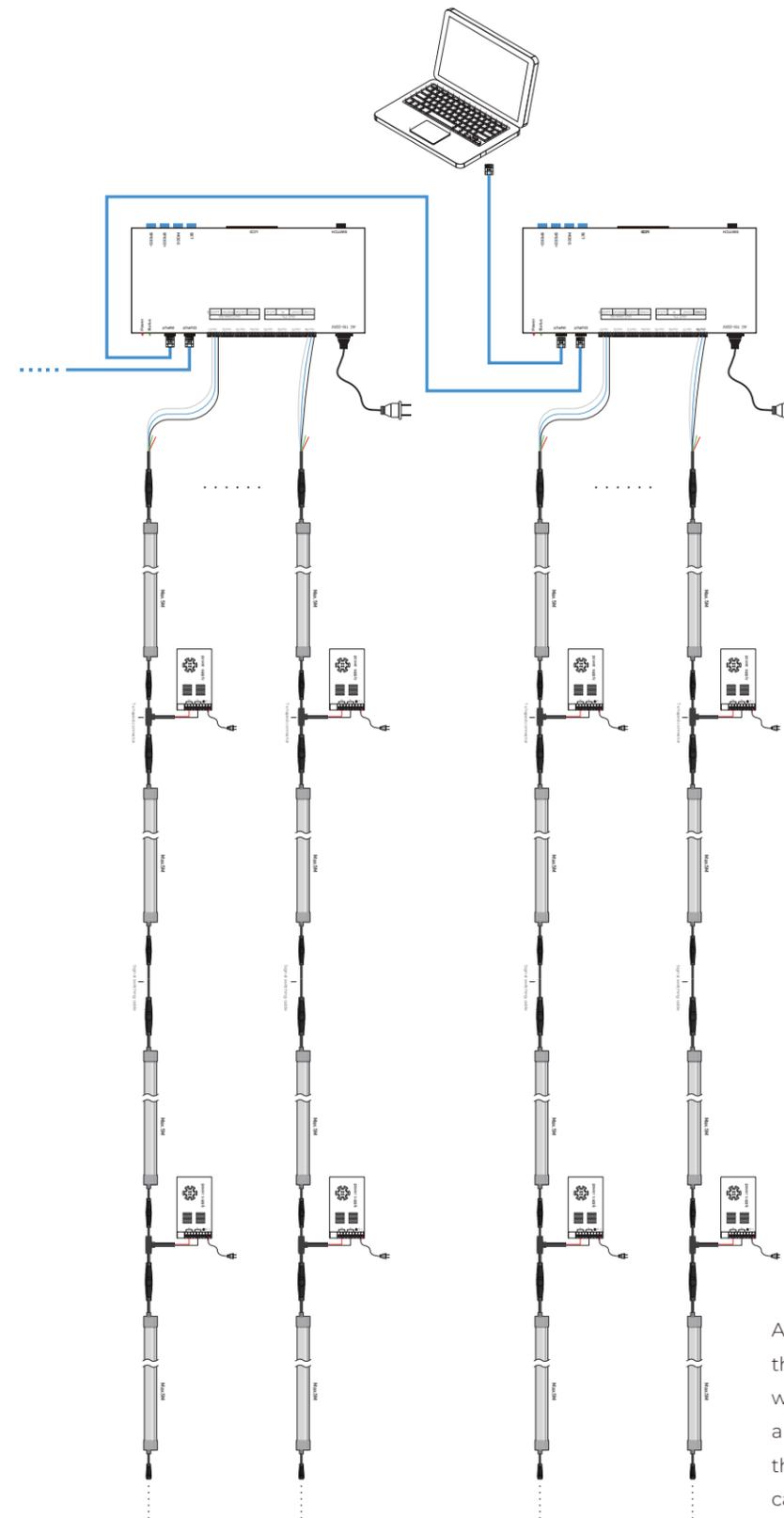
After the led strip is connected to
the signal wire and power supply
wire correctly, It is necessary to use
a controller or corder to address
the led strip ,then the controller
can run the control effect program.

360°
NEON

Unique optical light distribution structure design, 360° emitting uniform without shadow.

Integrated extrusion molding process, high light transmittance, environment–friendly silicone material.

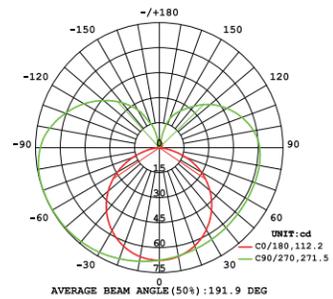Excellent toughness, stylish appearance, elegant design.
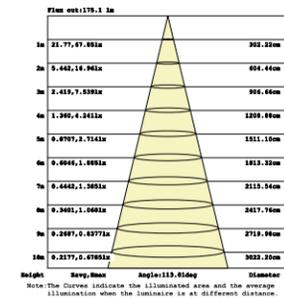
D25 LED Neon Light

D25 is a 360° emitting uniform light without shadow, silicone extrusion IP65/IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely cutting in single color.

Φ ≥7.87"
Φ 0.98"

Free bending.
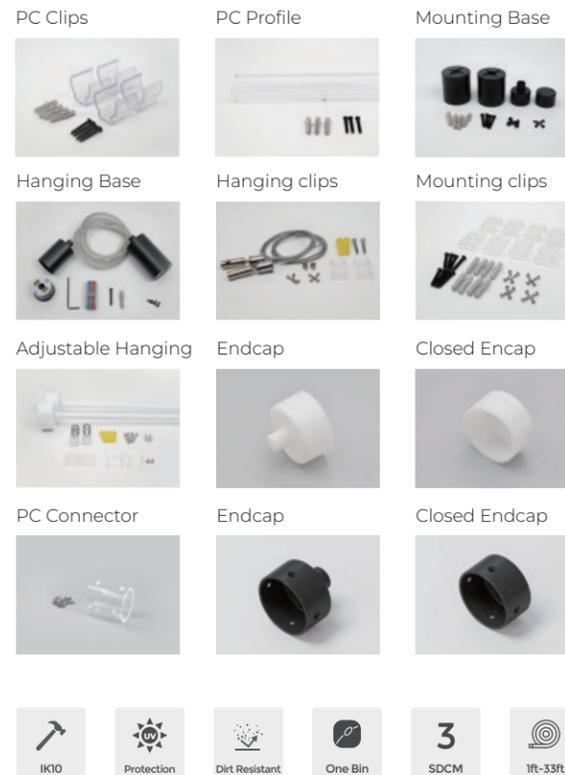Support various installation methods to achieve creative lighting design.

Static Color

Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	Cutting Interval (in)	CV/CC
2700K	90	174	Free cut	CV
3000K	92	180	Free cut	CV
3500K	93	183	Free cut	CV
4000K	96	188	Free cut	CV
5000K	96	189	Free cut	CV
6500K	95	186	Free cut	CV
Max. Run Length	**16ft**	**16ft**		

Tunable White

Color Temperature	1.5W/ft LM/ft		3W/ft LM/ft		4.5W/ft LM/ft		Cutting Interval (in)	CV/CC
2700K	40	0.7W/ft channel	79	1.5W/ft channel	119	2.3W/ft channel	1.97	CV
5000K	40	0.7W/ft channel	80	1.5W/ft channel	120	2.3W/ft channel	1.97	CV
2700K+5000K	79	Full light	158	Full light	237	Full light	1.97	CV
Max. Run Length	**16.4ft**		**16.4ft**		**16.4ft**			

RGB & RGBW

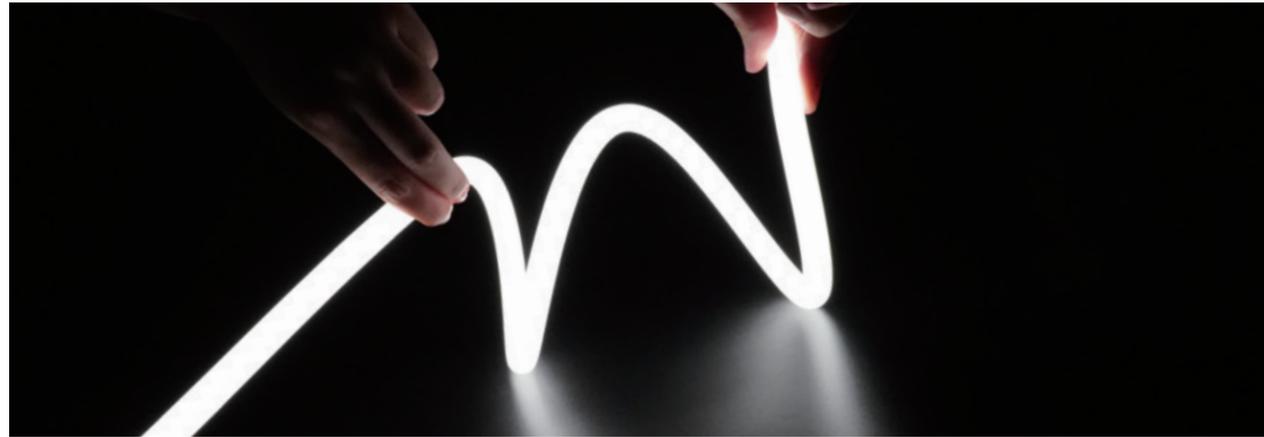| Color Temperature	1.5W/ft LM/ft	3W/ft LM/ft	4.5W/ft LM/ft	Cutting Interval (in)	CV/CC
RGB	37	73	110	1.97	CV
RGBW	48	96	144	1.97	CV
Max. Run Length	**16.4ft**	**16.4ft**	**16.4ft**		

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Light Distribution Curve

UNIT:cd
C0/180,112.2
C90/270,271.5

AVERAGE BEAM ANGLE(50%):191.9 DEG

Average Illuminance

Accessories

PC Clips

PC Profile

Mounting Base

Hanging Base

Hanging clips

Mounting clips

Adjustable Hanging

Endcap

Closed Encap

PC Connector

Endcap

Closed Endcap

IK10
Protection
Dirt Resistant
One Bin
SDCM
1ft-33ft

Technical Data

Model No.	ADW-D25
Dimension	Φ0.98in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	62.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	16.4ft
Max. Production Length	33ft
Warranty	5 years

Cable Lead Option

Integral end cap (IP67)

Front Cable Entry

Side Cable Entry

Closed End cap

Metal End Cap(IP65)

Front Cable Entry

Closed End cap

Silicone end cap (IP65)
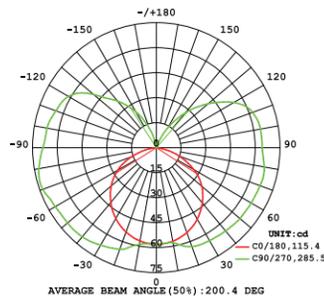
Front Cable Entry

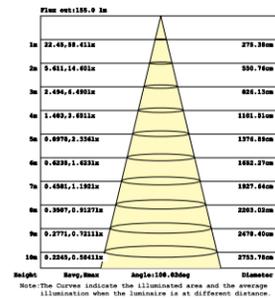Closed End cap

D15 LED Neon Light

D15 is a 360° emitting uniform light without shadow, silicone extrusion IP67 neon offers UV resistance, chemical stability, and against abrasion. It supports freely cutting in single color.

Free bending.
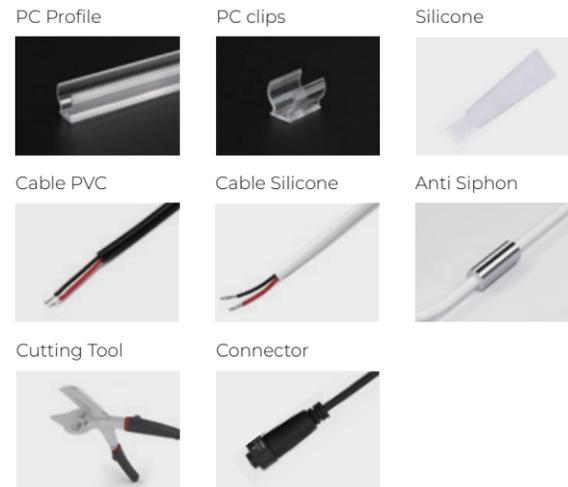Creative lighting design in dust-free matte finish.

Φ ≥3.94"
Φ 0.51"

Static Color

Color Temperature	2.6W/ft LM/ft	Efficiency LM/w	Cutting Interval (in)	CV/CC
1800K	117	44.7	0.98	CV
2400K	141	53.6	0.98	CV
2700K	157	59.8	0.98	CV
3000K	158	60.2	0.98	CV
3500K	154	58.8	0.98	CV
4000K	162	61.7	0.98	CV
5200K	152	58.1	0.98	CV
6500K	149	56.9	0.98	CV
Red	17	6.4	0.98	CV
Green	182	69.6	0.98	CV
Blue	35	13.3	0.98	CV
Yellow	28	10.8	0.98	CV
Orange	31	11.7	0.98	CV
Max. Run Length	**16.4ft**			

*CV: Constant Voltage CC: Constant Current.
*The given color temperature is the final neon strip color temperature. All given data are for reference only, it can vary up to 10% because of tolerances.
*Maximum Run Length refers to single side power feed in serial connection to drive the length.

Cable Lead Option

Front Cable Entry

Closed End cap

Integral end cap (IP67)

Light Distribution Curve

~/+180

UNIT:cd
C0/180,115.4
C90/270,285.5

AVERAGE BEAM ANGLE(50%):200.4 DEG

Average Illuminance

Flux out:150.0 lm

1m	22.49,93.411x	270.39cm
2m	5.411,14.601x	550.76cm
3m	2.494,6.692lx	826.13cm
4m	1.403,3.601lx	1101.21cm
5m	0.8978,3.334lx	1376.59cm
6m	0.6239,1.623lx	1652.27cm
7m	0.4581,1.192lx	1927.66cm
8m	0.3907,0.91271x	2203.03cm
9m	0.2771,0.72111x	2479.40cm
10m	0.3245,0.58411x	2753.78cm

Height   Eavg,Emax   Angle:100.02deg   Diameter

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

Accessories

PC Profile

PC clips

Silicone

Cable PVC

Cable Silicone

Anti Siphon

Cutting Tool

Connector

Technical Data

Model No.	ADW-D15
Dimension	Φ0.51in
Voltage	DC24V
RA	>90
Dimming	Dimmable
Efficacy	61.7LM/W @4000K
Storage Temperature	-30~60℃ / -22~140℉
Standard Length	16.4ft
Max. Production Length	16.4ft
Warranty	5 years

IK10   Protection   Dirt Resistant   One Bin   3 SDCM   ft-16ft