

ELITE NEON HORIZONTAL



2100K-6500K CCT RGB RGBW

Featuring a unique optical light distribution design, it ensures a uniform lighting surface with no shadows. With horizontal bending capability, IP67 protection and resistance to salt solutions, acids, alkalis, and UV, it offers a complete, systematized installation solution.



Omni Via



ELITE NEON H-1220

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

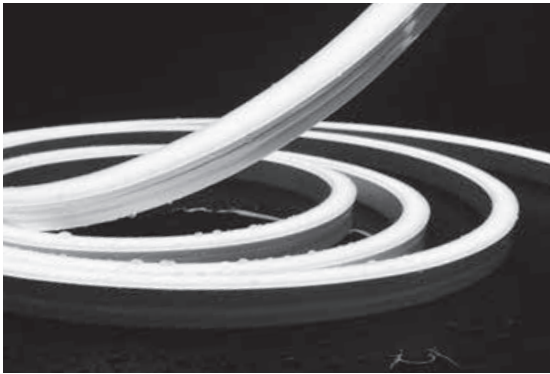
LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

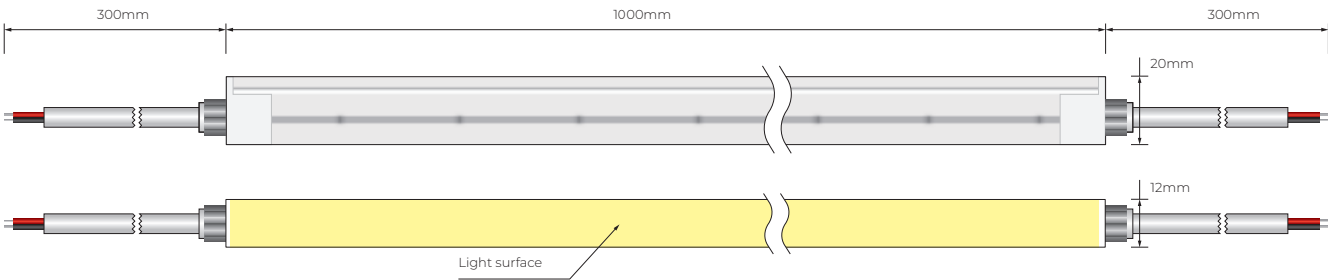
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish, Lumileds LED< SDCM3 and final neon are available.

Long-life LED> 50,000 hrs, 1 Bin.



Dimensions

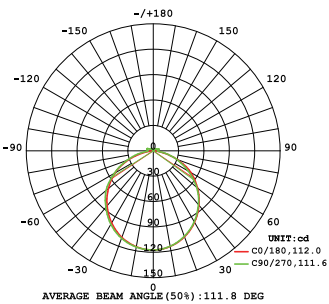
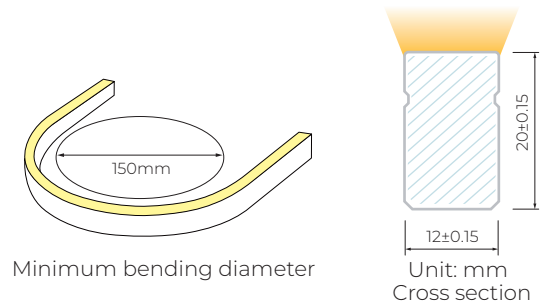


Technical Data

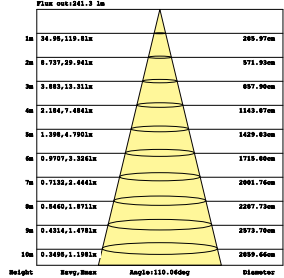
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55 C	45 C	35 C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance



Single colour PARAMETER

Single colour

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Single colour

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Single colour

PARAMETER

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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.

Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	260	26	50	17	CC
2400K±150	≥90	DC24V	10	295	29.5	50	17	CC
2700K±150	≥90	DC24V	10	305	30.5	50	17	CC
3000K±150	≥90	DC24V	10	310	31	50	17	CC
3500K±200	≥90	DC24V	10	345	34.5	50	17	CC
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	340	34	50	17	CC
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	330	33	50	17	CC
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	330	33	50	17	CC
Red	--	DC24V	10	155	15.5	50	18	CC
Green	--	DC24V	10	373	37.3	50	17	CC
Blue	--	DC24V	10	70	7	50	17	CC
Yellow	--	DC24V	10	155	15.5	50	18	CC
Pink	--	DC24V	10	150	15	50	17	CC

Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	300	30.0	8.33	5	CV
3000K±150	≥90	DC24V	10	310	31.0	8.33	5	CV
4000K±300	≥90	DC24V	10	330	33.0	8.33	5	CV
5000K±400	≥90	DC24V	10	320	32.0	8.33	5	CV
6500K±400	≥90	DC24V	10	310	31.0	8.33	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K	≥90	DC24V	5	172.5	34.5	50	5	CV
6000K	≥90	DC24V	5	185	37	50	5	CV
2700K+6000K	≥90	DC24V	10	354	35.4	50	5	CV

CC 13m

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.7	33	9.0	125	13	CC
G	--	DC24V	3.7	128	34.7	125	13	CC
B	--	DC24V	3.7	19	5.1	125	13	CC
RGB	--	DC24V	11	171	15.5	125	13	CC

CV 5m

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	36.3	11	62.5	5	CV
G	--	DC24V	3.3	107.3	32.5	62.5	5	CV
B	--	DC24V	3.3	23.1	7	62.5	5	CV
RGB	--	DC24V	10	160.0	16	62.5	5	CV

CC 10m

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.75	36	36	125	10	CC
G	--	DC24V	3.75	86	86	125	10	CC
B	--	DC24V	3.75	24	24	125	10	CC
W4000K	≥80	DC24V	3.75	103	103	125	10	CC
RGBW	--	DC24V	15	234	234	125	10	CC

CV 5m

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	2.5	22.5	9	62.5	5	CV
G	--	DC24V	2.5	80	32	62.5	5	CV
B	--	DC24V	2.5	20	8	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	93.75	37.5	62.5	5	CV
RGBW	--	DC24V	10	220	22	62.5	5	CV

Cable Lead Options

Integral end cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed end cap

Combined end cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed end cap

Solder Free End Cap without screws (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed end cap

Silicone end cap



Front Cable Entry



Side Cable Entry

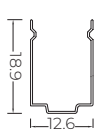


Bottom Cable Entry

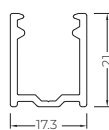


Closed end cap

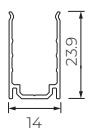
Accessories



Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



PVC Cable
2PIN, 3PIN, 4PIN



IP67 Connector
Wire Gauge: 0.5mm²/22AWG



Silicone Cable
2PIN, 3PIN, 4PIN



Anti-rain connector



Silicone End Cap
Type: Front/Side/Bottom/Closed



PC closed end cap
Dimension: 26.5x17x24.2mm



Scissor
Material: stainless steel



ELITE NEON H-1018

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

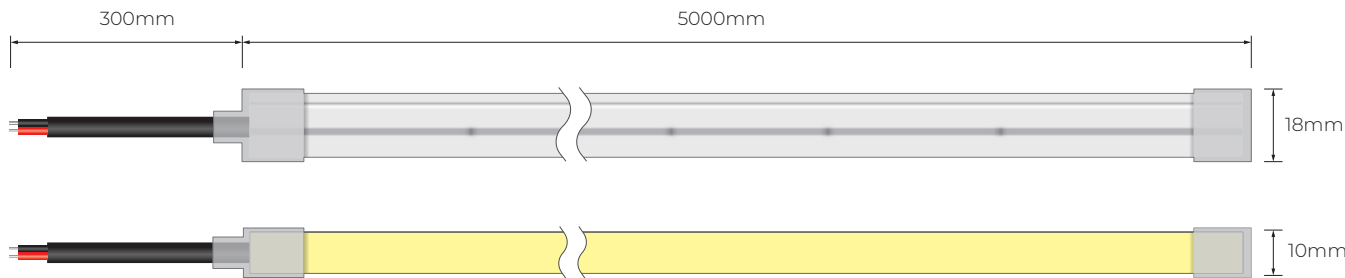
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



Dimensions

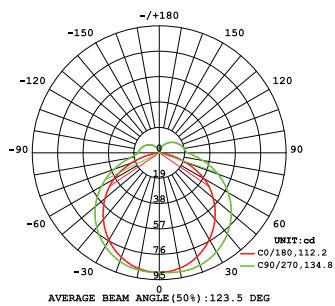


Technical Data

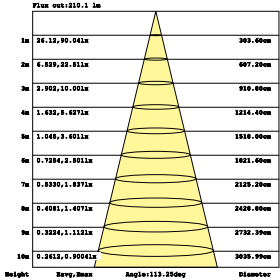
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55 C	45 C	35 C

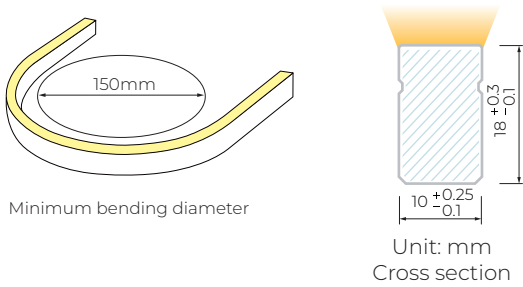
Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance



Minimum bending diameter

Unit: mm
Cross section

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
0.5M-30M

Waterproof
Grade
IP 67

Warranty
5 Years

Single colour
PARAMETER



Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	275	27.5	50	17	CC
2400K±150	≥90	DC24V	10	275	27.5	50	17	CC
2700K±150	≥90	DC24V	10	315	31.5	50	17	CC
3000K±150	≥90	DC24V	10	330	33	50	17	CC
3500K±200	≥90	DC24V	10	330	33	50	17	CC
4000K ^{+400 -200}	≥90	DC24V	10	355	35.5	50	17	CC
5000K ^{+500 -300}	≥90	DC24V	10	350	35	50	17	CC
6500K ^{+200 -600}	≥90	DC24V	10	355	35.5	50	17	CC
Red	--	DC24V	10	145	14.5	50	18	CC
Green	--	DC24V	10	370	37	50	17	CC
Blue	--	DC24V	10	65	6.5	50	17	CC
Yellow	--	DC24V	10	145	14.5	50	18	CC
Pink	--	DC24V	10	150	15	50	17	CC

Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	320	32.0	8.33	5	CV
3000K±150	≥90	DC24V	10	345	34.5	8.33	5	CV
4000K±300	≥90	DC24V	10	366	36.6	8.33	5	CV
5000K±400	≥90	DC24V	10	350	35.0	8.33	5	CV
6500K±400	≥90	DC24V	10	345	34.5	8.33	5	CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K	≥90	DC24V	5	162.5	32.5	50	5	CV
6000K	≥90	DC24V	5	175	35	50	5	CV
2700K+6000K	≥90	DC24V	10	340	34	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	36.3	11	62.5	5	CV
G	--	DC24V	3.3	99	30	62.5	5	CV
B	--	DC24V	3.3	19.8	6	62.5	5	CV
RGB	--	DC24V	10	150	15	62.5	5	CV

*CV: Constant Voltage CC: Constant Current.
*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP67)



Front Cable Entry
Integral end cap (IP67)



Side Cable Entry



Bottom Cable Entry



closed end cap



Front Cable Entry
Accessories



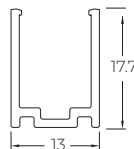
Side Cable Entry



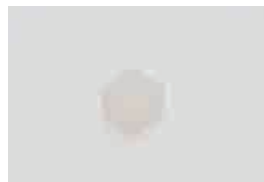
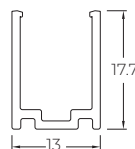
closed end cap



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Silicone End Cap
Type: Front/Side/Bottom/Closed

ELITE NEON H-1617

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

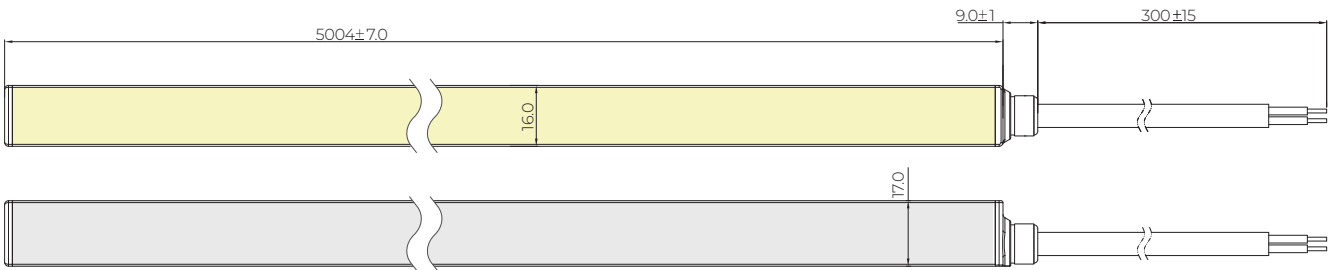
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



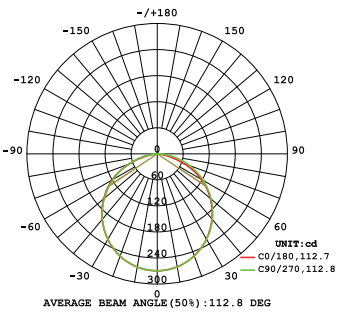
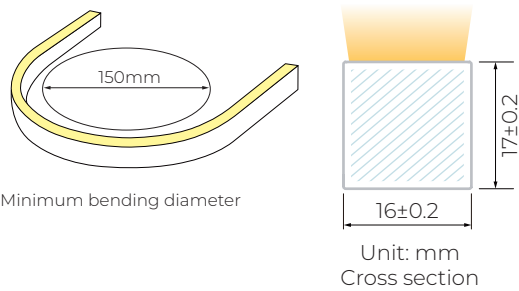
Dimensions



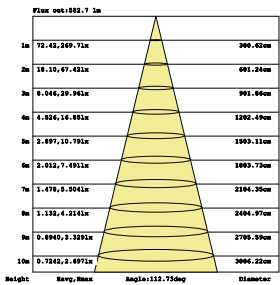
Technical Data

Working Voltage	DC24V
CRI	>90
Rated Power/m	10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)
Output	Std Output
Power(W/m)	10w
Max. Ambient tempt.(Tamax)	45 C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance

Voltage
24v DC

UV
Protection

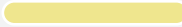
Consistency
One Bin

Length
0.5M-30M

Waterproof
Grade
IP 67

Warranty
5 Years

Single colour PARAMETER



CCT Tunable PARAMETER



RGB PARAMETER



RGBW PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K	≥90	DC24V	10	692	69.2	50	5	CV
3000K	≥90	DC24V	10	720	72.0	50	5	CV
3500K	≥90	DC24V	10	746	74.6	50	5	CV
4000K	≥90	DC24V	10	738	73.8	50	5	CV
5000K	≥90	DC24V	10	741	74.1	50	5	CV
6500K	≥90	DC24V	10	751	75.1	50	5	CV
Red	--	DC24V	10	275	27.5	50	5	CV
Green	--	DC24V	10	689	68.9	50	5	CV
Blue	--	DC24V	10	142	14.2	50	5	CV
Yellow	--	DC24V	10	219	21.9	50	5	CV
Orange	--	DC24V	10	831	27.2	50	5	CV
Pink	--	DC24V	10	831	58.6	50	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K	≥90	DC24V	10	660	66.0	71.43	5	CV
6000K	≥90	DC24V	10	709	70.9	71.43	5	CV
2700K+6000K	≥90	DC24V	11	789	71.7	71.43	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	61	18.6	83.3	5	CV
G	--	DC24V	3.3	227	68.7	83.3	5	CV
B	--	DC24V	3.3	38	11.5	83.3	5	CV
RGB	--	DC24V	10	329	32.9	83.3	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	70	18.7	83.3	5	CV
G	--	DC24V	3.75	267	71.3	83.3	5	CV
B	--	DC24V	3.75	49	13.0	83.3	5	CV
3000K ±150	≥90	DC24V	3.75	234	62.4	83.3	5	CV
RGBW	--	DC24V	15	644	42.9	83.3	5	CV

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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 Options

Integral end cap (IP67)



Front Cable Entry

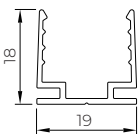


Closed End Cap

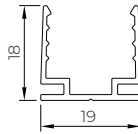
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Silicone End Cap
Type: Front/Side/Bottom/Closed

ELITE NEON H-1212

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

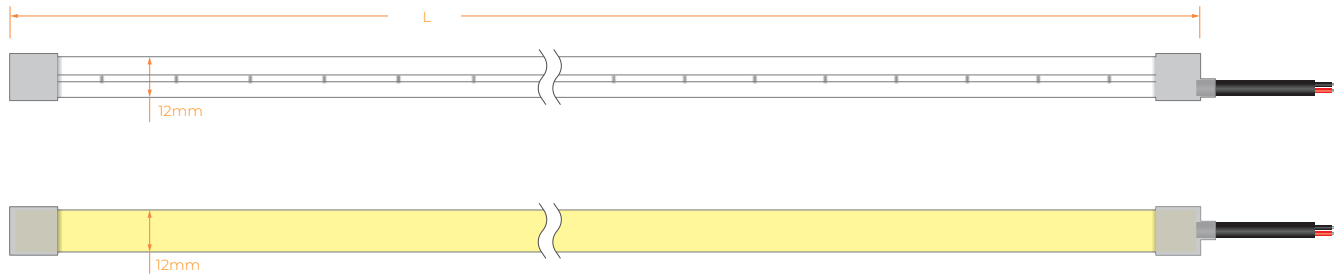
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish and Lumileds LED < SDCM2 are optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



Dimensions

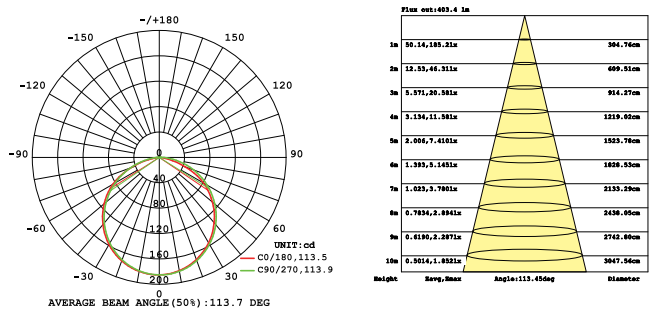
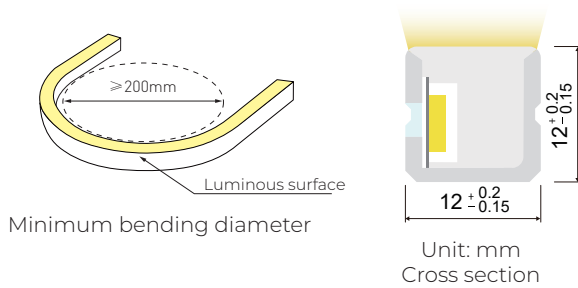


Technical Data

Working Voltage	DC24V
CRI	>90
Rated Power/m	3w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)

Output	Low Output	Std Output
Power(W/m)	3w	10w
Max. Ambient tempt.(Tamax)	55 C	45 C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve

Effective Average Illuminance

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
0.5M-30M

Waterproof
Grade
IP 67

Warranty
5 Years

Single colour
PARAMETER



Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	458	45.8	50	13	CC
300K0±150	≥90	DC24V	10	455	45.5	50	13	CC
3500K±200	≥90	DC24V	10	495	49.5	50	13	CC
4000K±300	≥90	DC24V	10	513	51.3	50	13	CC
5000K±400	≥90	DC24V	10	515	51.5	50	13	CC
6500K±500	≥90	DC24V	10	493	49.3	50	13	CC
Red	--	DC24V	10	222	22.2	50	17	CC
Green	--	DC24V	10	492	49.2	50	13	CC
Blue	--	DC24V	10	102	10.2	50	13	CC
Yellow	--	DC24V	10	148	14.8	50	17	CC
Orange	--	DC24V	10	207	20.7	50	17	CC
Pink	--	DC24V	10	455	45.5	50	13	CC

Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	570	57.0	8.33	5	CV
3000K±150	≥90	DC24V	10	590	59.0	8.33	5	CV
4000K±300	≥90	DC24V	10	610	61.0	8.33	5	CV
5000K±400	≥90	DC24V	10	600	60.0	8.33	5	CV
6500K±400	≥90	DC24V	10	590	59.0	8.33	5	CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K	≥90	DC24V	5	225	45.1	62.5	5	CV
6500K	≥90	DC24V	5	261	52.3			
2700K+6000K	≥90	DC24V	10	483	48.3			

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	58	17.6	62.5	5	CV
G	--	DC24V	3.3	152	46.2			
B	--	DC24V	3.3	27	8.3			
RGB	--	DC24V	10	243	24.3			

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

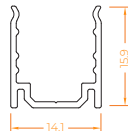


Closed End cap

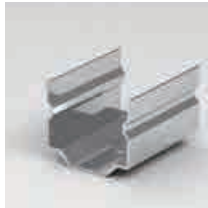
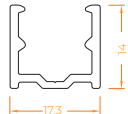
Accessories



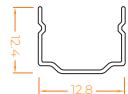
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm



ELITE NEON H-1010

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

Small W10mm X H10mm LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

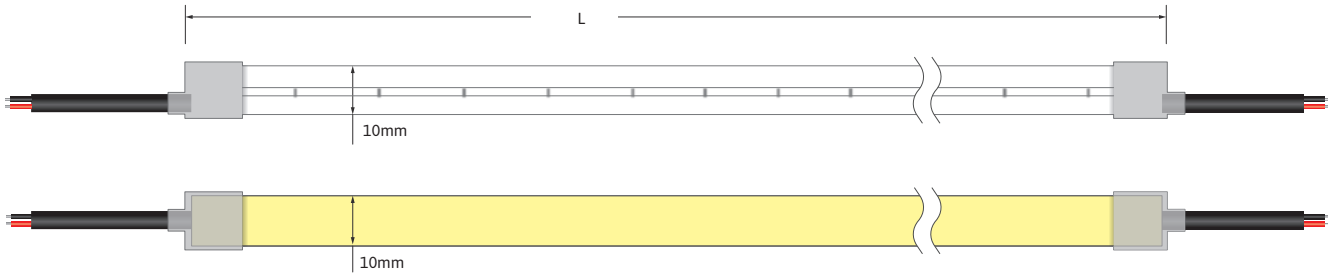
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



Dimensions

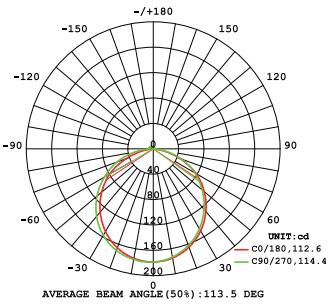


Technical Data

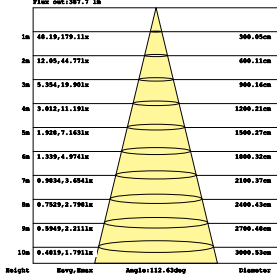
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)

Output	Low Output	Std Output
Power(W/m)	5w	10w
Max. Ambient tempt.(Tamax)	55 C	45 C

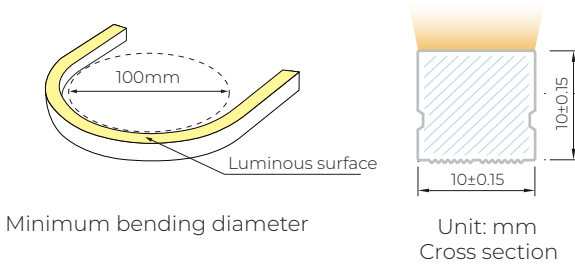
Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance



Minimum bending diameter

Unit: mm
Cross section



Single colour PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	530	53	35.7	5	CV
2400K±150	≥90	DC24V	10	560	56	35.7	5	CV
2700K±150	≥90	DC24V	10	570	57	35.7	5	CV
3000K±150	≥90	DC24V	10	620	62	35.7	5	CV
3500K±200	≥90	DC24V	10	590	59	35.7	5	CV
4000K ^{+400 -200}	≥90	DC24V	10	660	66	35.7	5	CV
5000K ^{+500 -300}	≥90	DC24V	10	670	67	35.7	5	CV
6500K ^{+200 -600}	≥90	DC24V	10	690	69	35.7	5	CV
Red	--	DC24V	10	270	27	35.7	5	CV
Green	--	DC24V	10	540	54	35.7	5	CV
Blue	--	DC24V	10	130	13	35.7	5	CV
Yellow	--	DC24V	10	260	26	35.7	5	CV
Pink	--	DC24V	10	450	45	35.7	5	CV

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

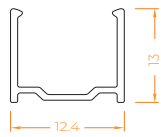


Closed end cap

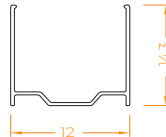
Accessories



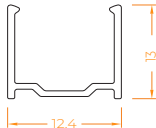
Aluminium Profile
Length: 1m/2m/3m



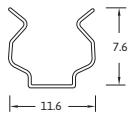
PC Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 0.8cm



PVC Cable
2PIN



Silicone End Cap
Type: Front/Side/Bottom/Closed

ELITE NEON H-0612

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

Small W6mm X H12mm LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

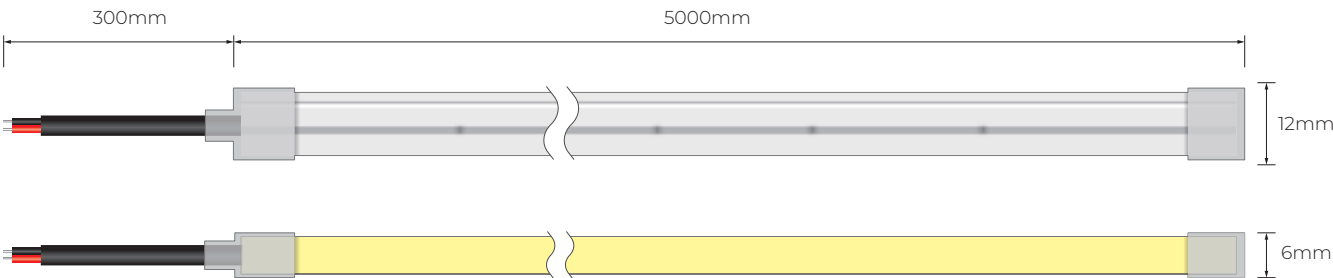
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish, Lumileds LED < SDCM2 and final Neon <SDCM3 are optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



Dimensions

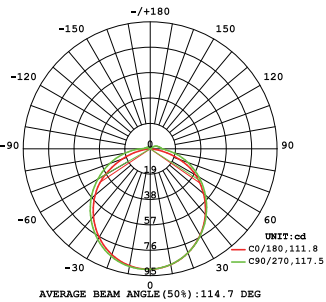
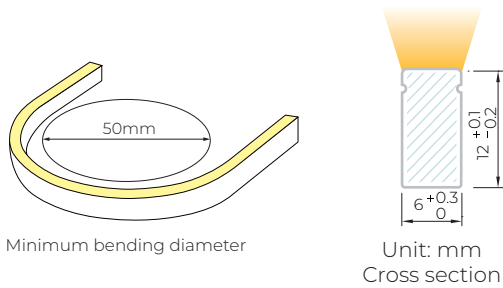


Technical Data

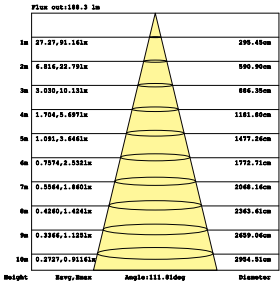
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25°C ~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(W/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
0.5M-30M

Waterproof
Grade
IP 67

Warranty
5 Years

Single colour PARAMETER



Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	250	25	50	13	CC
2400K±150	≥90	DC24V	10	310	31	50	13	CC
2700K±150	≥90	DC24V	10	350	35	50	13	CC
3000K±150	≥90	DC24V	10	300	30	50	13	CC
3500K±200	≥90	DC24V	10	330	33	50	13	CC
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	360	36	50	13	CC
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	360	36	50	13	CC
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	360	36	50	13	CC
Red	--	DC24V	10	160	16	50	17	CC
Green	--	DC24V	10	400	40	50	13	CC
Blue	--	DC24V	10	50	5	50	13	CC
Yellow	--	DC24V	10	125	12.5	50	17	CC
Pink	--	DC24V	10	145	14.5	50	13	CC

Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	300	30.0	8.33	5	CV
3000K±150	≥90	DC24V	10	325	32.5	8.33	5	CV
4000K±300	≥90	DC24V	10	348	34.8	8.33	5	CV
5000K±400	≥90	DC24V	10	340	34.0	8.33	5	CV
6500K±400	≥90	DC24V	10	325	32.5	8.33	5	CV

CCT Tunable PARAMETER



RGB PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K	≥90	DC24V	5	125	25	50	5	CV
6000K	≥90	DC24V	5	175	35	50	5	CV
2700K+6000K	≥90	DC24V	10	270	27	50	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	3.3	23.1	7	50	5	CV
G	--	DC24V	3.3	52.8	16	50	5	CV
B	--	DC24V	3.3	11.55	3.5	50	5	CV
RGB	--	DC24V	10	130	13	50	5	CV

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP67)



Front Cable Entry
Integral end cap (IP44)



Side Cable Entry



Bottom Cable Entry



Closed End cap



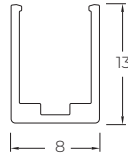
Front Cable Entry
Accessories



Closed End cap



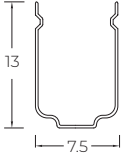
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm



Silicone End Cap
Type: Front/Side/Bottom/Closed

ELITE NEON H-0408

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP44 protection, making it suitable for both indoor and semi-outdoor use.

Small W4mm X H8mm LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

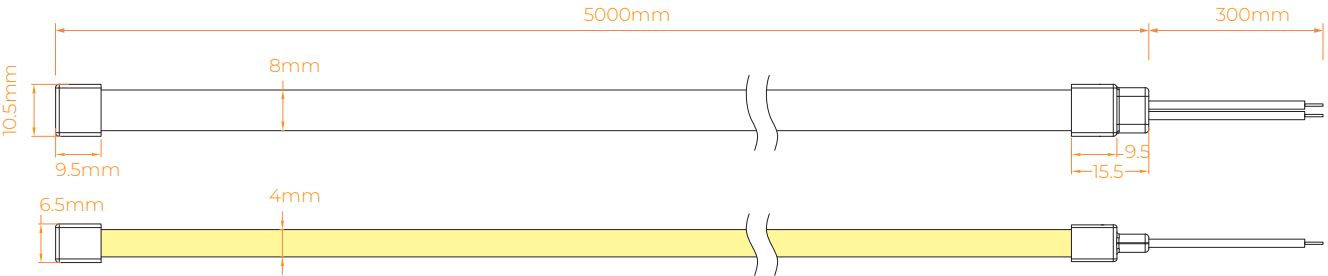
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



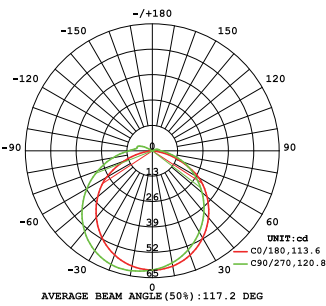
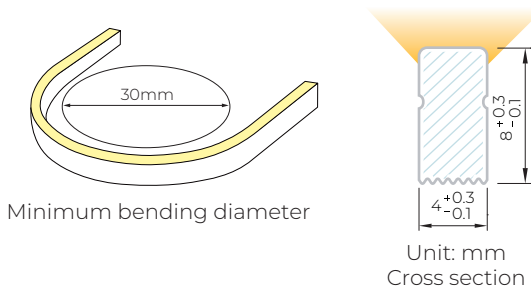
Dimensions



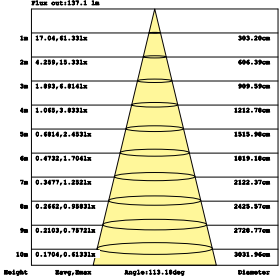
Technical Data

Working Voltage	DC24V
CRI	>90
Rated Power/m	6w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C, Tamax 55 C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
0.5M-30M

Waterproof
Grade
IP 44

Warranty
5 Years

Single colour PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	6	164	27.4	50	5	CV
3000K±150	≥90	DC24V	6	184	30.6	50	5	CV
4000K±300	≥90	DC24V	6	203	33.9	50	5	CV
5500K±500	≥90	DC24V	6	191	31.8	50	5	CV
Red	--	DC24V	6	78	13.0	50	5	CV
Green	--	DC24V	6	207	34.6	50	5	CV
Blue	--	DC24V	6	44	7.4	50	5	CV
Yellow	--	DC24V	6	55	9.2	50	5	CV
Orange	--	DC24V	6	75	12.5	50	5	CV
Pink	--	DC24V	6	180	30.1	50	5	CV

*CV: Constant Voltage CC: Constant Current.
*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP65)



Front Cable Entry



Closed End Cap

Integral end cap (IP44)



Front Cable Entry

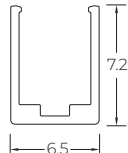


Closed End Cap

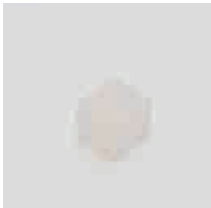
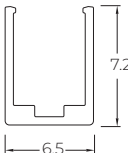
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Silicone End Cap
Type: Front/Side/Bottom/Closed

ELITE NEON H-1615

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

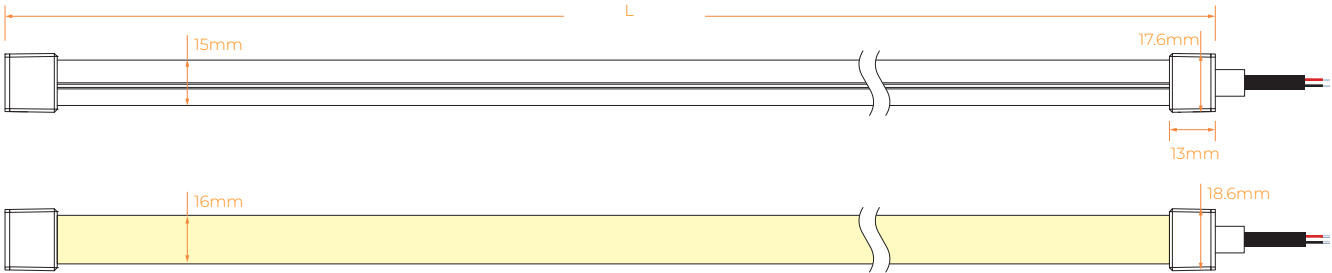
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



Dimensions

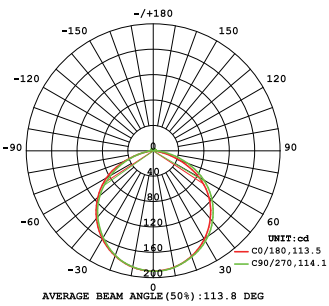
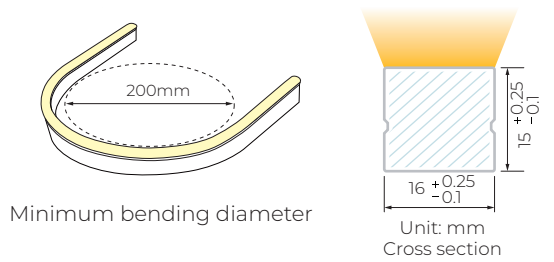


Technical Data

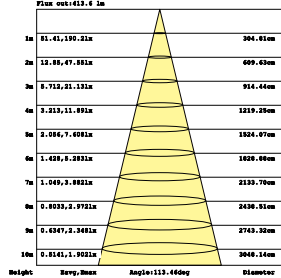
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55 C	45 C	35 C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance



Single colour PARAMETER



Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	460	46	50	17	CC
2400K±150	≥90	DC24V	10	540	54	50	17	CC
2700K±150	≥90	DC24V	10	660	66	50	17	CC
3000K±150	≥90	DC24V	10	570	57	50	17	CC
3500K±200	≥90	DC24V	10	630	63	50	17	CC
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	720	72	50	17	CC
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	750	75	50	17	CC
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	690	69	50	17	CC
Red	--	DC24V	10	290	29	50	18	CC
Green	--	DC24V	10	550	55	50	17	CC
Blue	--	DC24V	10	130	13	50	17	CC
Yellow	--	DC24V	10	290	29	50	18	CC
Pink	--	DC24V	10	470	47	50	17	CC

CCT Tunable PARAMETER



Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	590	59.0	8.33	5	CV
3000K±150	≥90	DC24V	10	600	60.0	8.33	5	CV
4000K±300	≥90	DC24V	10	620	62.0	8.33	5	CV
5000K±400	≥90	DC24V	10	610	61.0	8.33	5	CV
6500K±400	≥90	DC24V	10	600	60.0	8.33	5	CV

RGB PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	3.3	75.9	23	62.5	5	CV
G	--	DC24V	3.3	191.4	58	62.5	5	CV
B	--	DC24V	3.3	36.3	11	62.5	5	CV
RGB	--	DC24V	10	310	31	62.5	5	CV

RGBW PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	2.5	57.5	23	83.33	5	CV
G	--	DC24V	2.5	225	90	83.33	5	CV
B	--	DC24V	2.5	42.5	17	83.33	5	CV
W(3000K±150)	≥90	DC24V	2.5	183.75	73.5	83.33	5	CV
RGBW	--	DC24V	10	510	51	83.33	5	CV

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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.

ELITE NEON H-2020

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

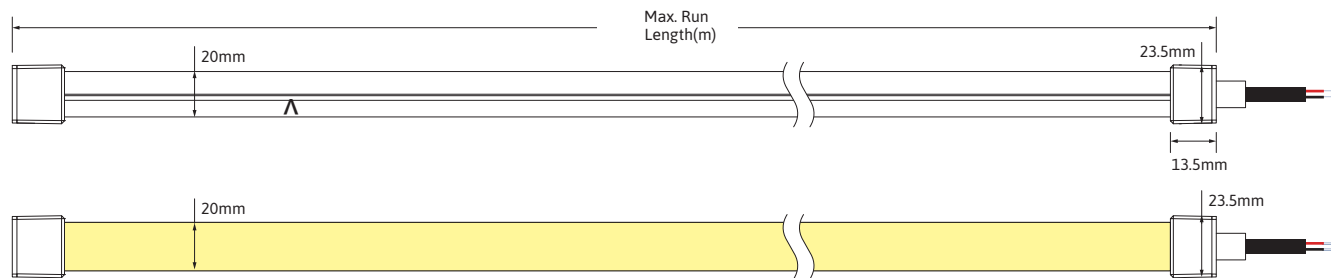
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



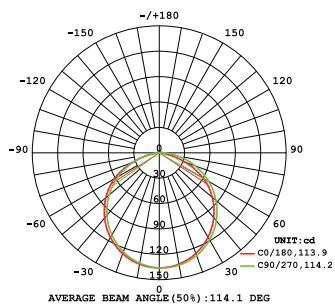
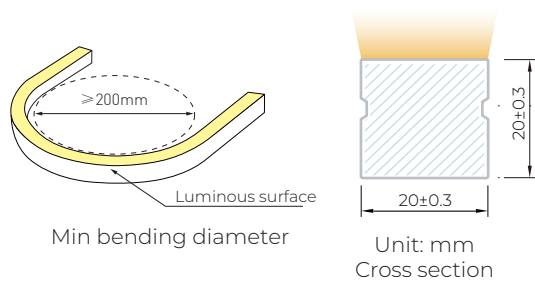
Dimensions



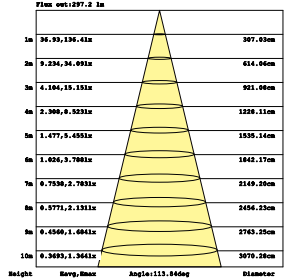
Technical Data

Working Voltage	DC24V		
CRI	>90		
Rated Power/m	5w/10w/15w		
Storage Temperature	-25 C ~60 C		
Ambient Temperature	Tamin=-25 C , Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55 C	45 C	35 C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
0.5M-30M

Waterproof Grade
IP 67

Warranty
5 Years

Single colour PARAMETER



Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	380	38	50	17	CC
2400K±150	≥90	DC24V	10	450	45	50	17	CC
2700K±150	≥90	DC24V	10	460	46	50	17	CC
3000K±150	≥90	DC24V	10	430	43	50	17	CC
3500K±200	≥90	DC24V	10	480	48	50	17	CC
4000K ^{+400 -200}	≥90	DC24V	10	470	47	50	17	CC
5000K ^{+500 -300}	≥90	DC24V	10	470	47	50	17	CC
6500K ^{+200 -600}	≥90	DC24V	10	460	46	50	17	CC
Red	--	DC24V	10	220	22	50	18	CC
Green	--	DC24V	10	350	35	50	17	CC
Blue	--	DC24V	10	100	10	50	17	CC
Yellow	--	DC24V	10	210	21	50	18	CC
Pink	--	DC24V	10	340	34	50	17	CC

Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	400	40.0	8.33	5	CV
3000K±150	≥90	DC24V	10	425	42.5	8.33	5	CV
4000K±300	≥90	DC24V	10	442	44.2	8.33	5	CV
5000K±400	≥90	DC24V	10	430	43.0	8.33	5	CV
6500K±400	≥90	DC24V	10	415	41.5	8.33	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K	≥90	DC24V	5	250	50	50	5	CV
6000K	≥90	DC24V	5	255	51	50	5	CV
2700K+6000K	≥90	DC24V	10	490	49	50	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	3.3	59.4	18	62.5	5	CV
G	--	DC24V	3.3	128.7	39	62.5	5	CV
B	--	DC24V	3.3	23.1	7	62.5	5	CV
RGB	--	DC24V	10	210	21	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	2.5	35	14	62.5	5	CV
G	--	DC24V	2.5	97.5	39	62.5	5	CV
B	--	DC24V	2.5	30	12	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	130	52	62.5	5	CV
RGBW	--	DC24V	10	290	29	62.5	5	CV

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP67)



Front Cable Entry

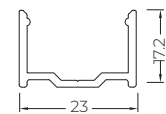


Closed End Cap

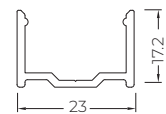
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Silicone End Cap
Type: Front/Side/Bottom/Closed

ELITE NEON H-3032

The ELITE NEON HORIZONTAL has a silicone co-extrusion design that offers excellent UV resistance, chemical stability and protection against abrasion.

Provides horizontal bending with IP67 protection, making it suitable for both indoor and outdoor use.

Large W30mm X H32mm LED neon with uniform light output and dimmable functionality.

The long run length exceeds 10m, with a production length of up to 30m.

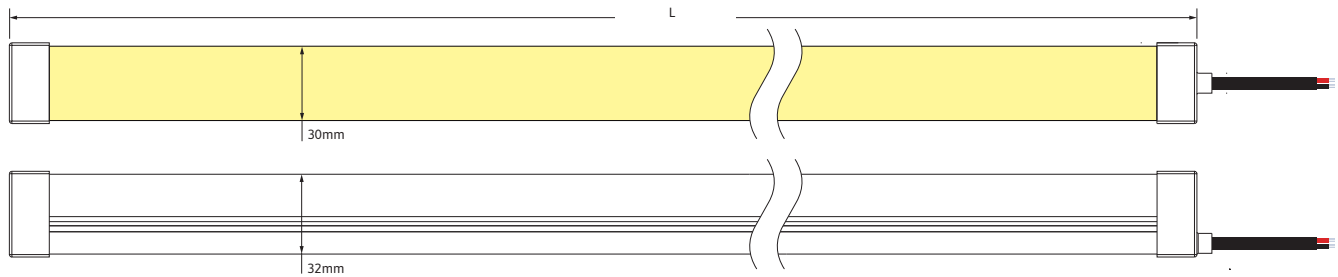
Small cuttable lengths support widely customisable lengths for precise site installation.

Dust-free matt finish is optional.

5 years warranty, long-life LED> 50,000 hrs, 1 Bin.



Dimensions

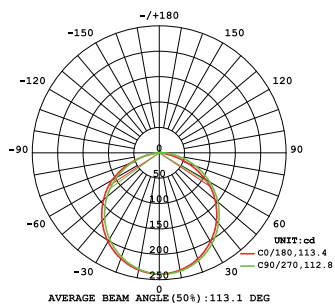
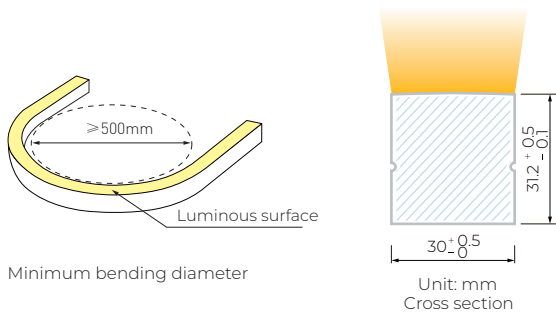


Technical Data

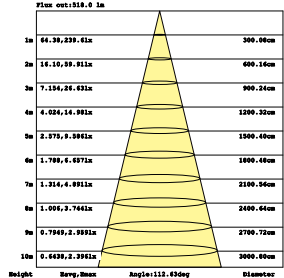
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25°C ~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance



Single colour PARAMETER



Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K±150	≥90	DC24V	15	645	43	50	12	CC
3000K±150	≥90	DC24V	15	660	44	50	12	CC
4000K+400-200	≥90	DC24V	15	743	49.5	50	12	CC
6500K+200-600	≥90	DC24V	15	666	44.4	50	12	CC
Red	--	DC24V	15	284	18.9	50	12	CC
Green	--	DC24V	15	632	42.1	50	12	CC
Blue	--	DC24V	15	149	9.9	50	12	CC
Yellow	--	DC24V	15	195	13	50	12	CC
Orange	--	DC24V	15	273	18.2	50	12	CC
Pink	--	DC24V	15	581	38.7	50	12	CC

Free Cut

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	485	48.5	8.33	5	CV
3000K±150	≥90	DC24V	10	512	51.2	8.33	5	CV
4000K±300	≥90	DC24V	10	535	53.5	8.33	5	CV
5000K±400	≥90	DC24V	10	510	51.0	8.33	5	CV
6500K±400	≥90	DC24V	10	500	50.0	8.33	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700K±150	≥90	DC24V	7.5	314	41.9	62.5	5	CV
6500K±500	≥90	DC24V	7.5	341	45.4	62.5	5	CV
2700K+6500K	≥90	DC24V	15	650	43.3	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	5	75	14.9	83.3	5	CV
G	--	DC24V	5	275	54.9	83.3	5	CV
B	--	DC24V	5	48	9.6	83.3	5	CV
RGB	--	DC24V	15	375	25	83.3	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	--	DC24V	3.8	64	16.9	83.3	5	CV
G	--	DC24V	3.8	225	59.1	83.3	5	CV
B	--	DC24V	3.8	43	11.4	83.3	5	CV
3000K±150	>90	DC24V	3.8	199	52.4	83.3	5	CV
RGBW	--	DC24V	15	518	34.5	83.3	5	CV

*CV: Constant Voltage CC: Constant Current.

*The given colour temperature is the final neon strip colour 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 Options

Silicone end cap (IP67)



Front Cable Entry

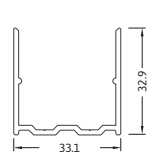


Closed End Cap

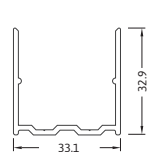
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Silicone End Cap
Type: Front/Side/Bottom/Closed

Cable Lead Options

Silicone end cap (IP67)



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

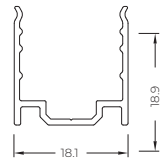


Closed End cap

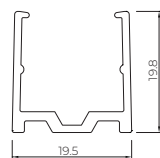
Accessories



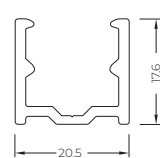
Aluminium Profile
Length: 1m/2m/3m



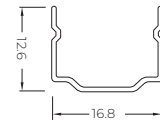
PC Profile
Length: 1m/2m/3m



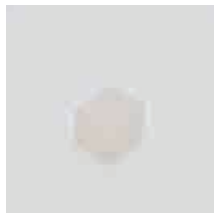
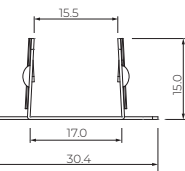
Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm



Flexible Curved Profile
Length: 0.5m



Silicone End Cap
Type: Front/Side/Bottom/Closed

