

360° NEON

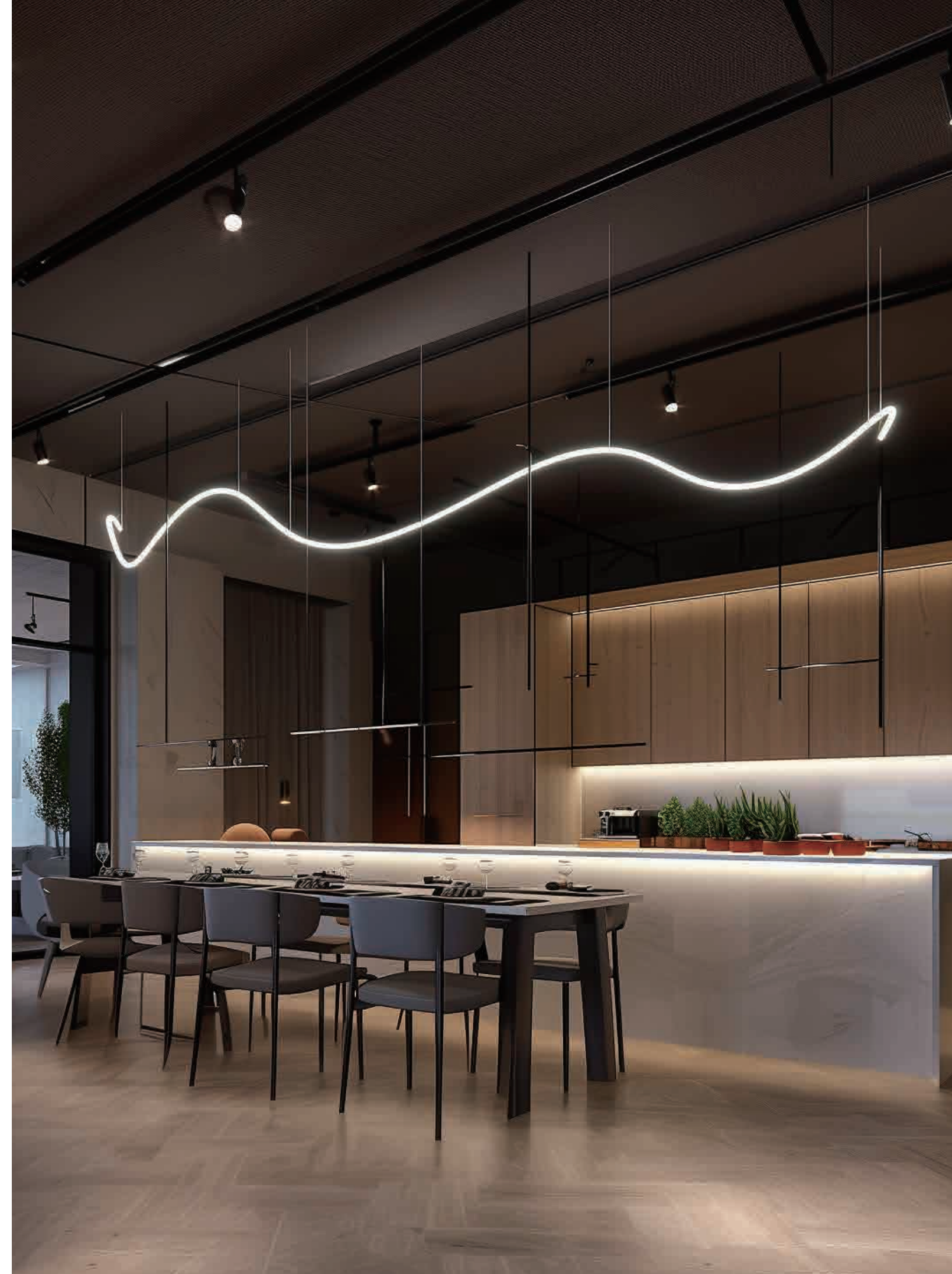


1800K-6500K CCT RGB RGBW

This Neon 360° LED is designed to ensure 360° uniform light emission without shadows. With an IP65 protection rating and an integrated extrusion moulding process, the Neon 360° series is made from high light-transmitting, eco-friendly silicone material. Its excellent toughness is complemented by a stylish, elegant appearance.



Omni Via



360° NEON 25

This NEON strip features a 360° beam angle, providing uniform light output, with a dimmable function for versatile lighting control.

The silicone co-extrusion design offers excellent UV resistance, chemical stability and protection against abrasion.

Free bending in IP65 protection for indoor & semi-outdoor use.

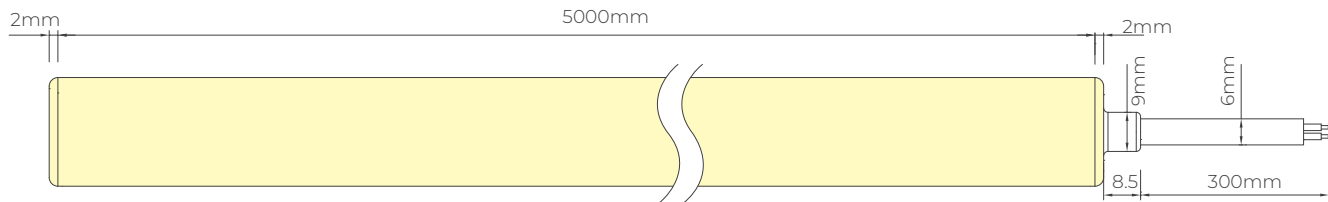
Supports a variety of installation methods, enabling creative lighting designs for any space.

Dust-free matt finish is optional.

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



Dimensions

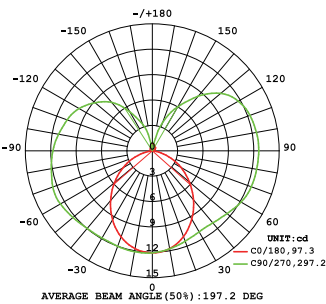


Technical Data

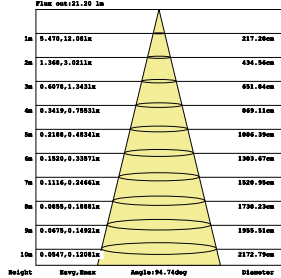
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/16w
Storage Temperature	-25°C ~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(W/m)	5w	10w	16w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

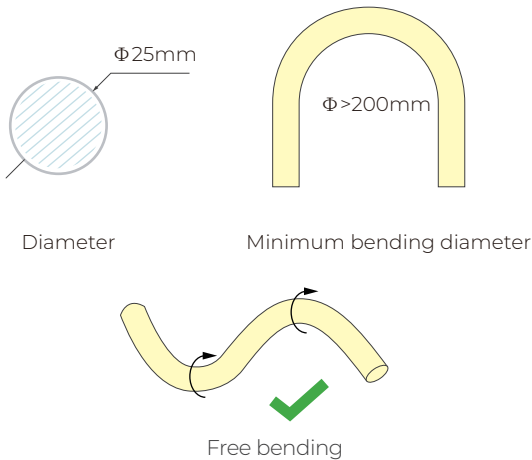
Due to factors such as manufacturing variations, the characteristics of electronic devices and testing conditions, there is a 10% margin of error in the measured parameters.



Light Distribution Curve



Effective Average Illuminance



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 65

Warranty

5 Years

Single colour

PARAMETER

CCT Tunable

PARAMETER

RGB

STANDARD

RGBW

STANDARD

Standard

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2400K±150	≥90	DC24V	272	525	56	53	5	CC
2700K±150	≥90	DC24V	276	517	55	52	5	CC
3000K±150	≥90	DC24V	284	529	27	53	5	CC
3500K±200	≥90	DC24V	306	600	61	60	5	CC
4000K±300	≥90	DC24V	298	556	59	55	5	CC
5000K±300	≥90	DC24V	309	604	62	60	5	CC
6000K±300	≥90	DC24V	302	586	60	58	5	CC
R: 620-630nm	--	DC24V	246	246	25	25	5	CC
G: 520-530nm	--	DC24V	502	502	50	50	5	CC
B: 465-475nm	--	DC24V	114	114	11	11	5	CC
Y: 585-595nm	--	DC24V	209	209	21	21	5	CC
Pink	--	DC24V	409	409	41	41	5	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	440	44.0	8.33	5	CV
3000K±150	≥90	DC24V	10	460	46.0	8.33	5	CV
4000K±300	≥90	DC24V	10	501	50.1	8.33	5	CV
5000K±400	≥90	DC24V	10	490	49.0	8.33	5	CV
6500K±400	≥90	DC24V	10	490	49.0	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	258	258	50	50	5	CV
5000K	≥90	DC24V	262	262	50	50	5	CV
3500K	≥90	DC24V	517	517	50	50	5	CV

CCT(K)	Voltage	5W/M (LM/M)	10W/M (LM/M)	5W/M (LM/W)	10W/M (LM/W)	Max.Run Length (M)	CC/CV
R: 620-630nm	DC24V	56	56	16	16	5	CC
G: 520-530nm	DC24V	162	162	47	47	5	CC
B: 465-475nm	DC24V	26	26	7	7	5	CC
RGB	DC24V	248	248	24	24	5	CC

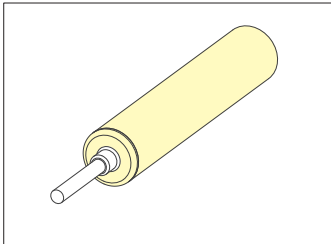
CCT(K)	CRI	Voltage	Lumen (LM/M)	Efficiency (LM/W)	Max.Run Length (M)	CC/CV
R: 620-630nm	--	DC24V	58	15	5	CC
G: 520-530nm	--	DC24V	194	49	5	CC
B: 465-475nm	--	DC24V	32	8	5	CC
RGB	--	DC24V	281	23	5	CC
3000K	≥90	DC24V	224	56	5	CC

*CV: Constant Voltage CC: Constant Current.

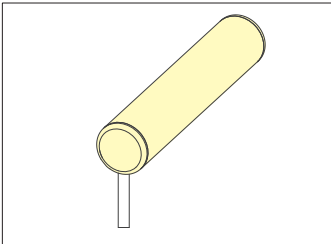
*The given colour temperature is the final neon strip colour temperature. All given data are for reference only, it can vary up to 10% because of tolerances.

*Maximum Run Length refers to single side power feed in serial connection to drive the length.

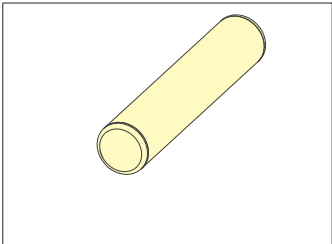
Cable Lead Options



Cable entry: Front



Side Cable Entry



Closed End cap

360° NEON 13

This NEON strip features a 360° beam angle, providing uniform light output, with a dimmable function for versatile lighting control.

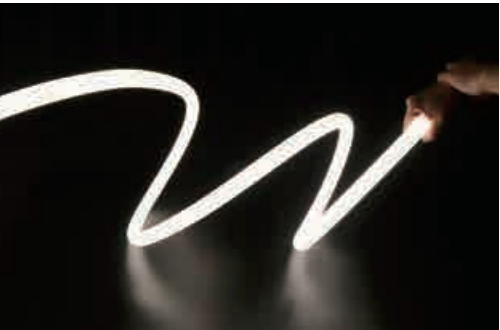
The silicone co-extrusion design offers excellent UV resistance, chemical stability and protection against abrasion.

Free bending in IP65 protection for indoor & semi-outdoor use.

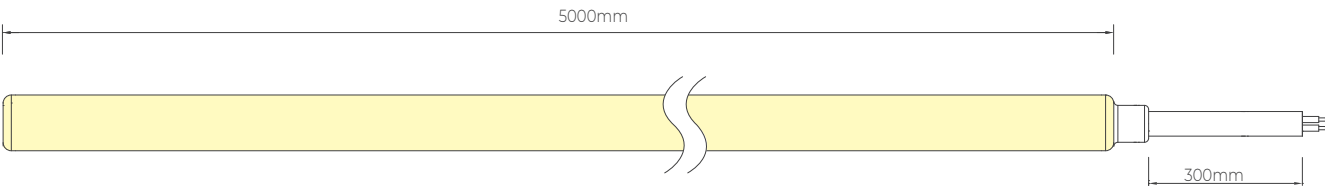
Supports a variety of installation methods, enabling creative lighting designs for any space.

Dust-free matt finish is optional.

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



Dimensions

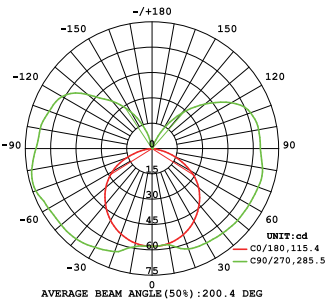


Technical Data

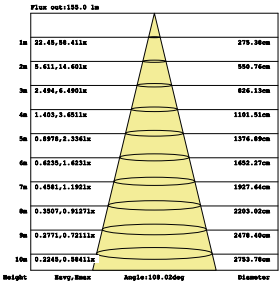
Working Voltage	DC24V
CRI	>90
Rated Power/m	3w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Tamin=-25 C , Tamax (Table below)

Output	Low Output	High 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

Free bending

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 65

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
1800K±100	≥90	DC24V	8.6	385	44.7	25	5	CV
2400K±150	≥90	DC24V	8.6	461	53.6	25	5	CV
2700K±150	≥90	DC24V	8.6	514	59.8	25	5	CV
3000K±150	≥90	DC24V	8.6	518	60.2	25	5	CV
3500K±200	≥90	DC24V	8.6	506	58.8	25	5	CV
4000K±300	≥90	DC24V	8.6	531	61.7	25	5	CV
5200K±400	≥90	DC24V	8.6	500	58.1	25	5	CV
6500K±400	≥90	DC24V	8.6	489	56.9	25	5	CV
Red	--	DC24V	8.6	55	6.4	25	5	CV
Green	--	DC24V	8.6	599	69.6	25	5	CV
Blue	--	DC24V	8.6	115	13.3	25	5	CV
Yellow	--	DC24V	8.6	93	10.8	25	5	CV
Orange	--	DC24V	8.6	101	11.7	25	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

Front Cable Entry

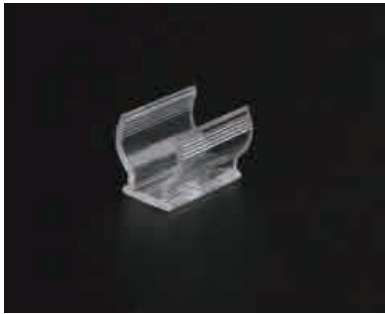


Front Cable Entry

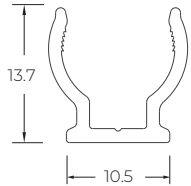


Closed End cap

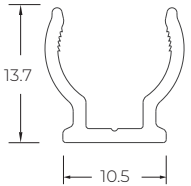
Accessories



PC clips
20x10.5x13.7mm(L x W x H)
Accessories: Screw M3x15mm



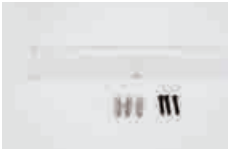
PC Profile
1000(±5)x10.5x13.7mm(L x W x H)
Accessories: Screw M3x15mm



Accessories



PC Clips Set
-Transparent PC mounting clips
-Tapping screws
-Expandable rubber plugs



PC Profile Set
-Transparent PC mounting profile
-Tapping screws
-Expandable rubber plugs



Hanging PC Clips Set
Type: "—" Shape installation
-Transparent PC mounting clips
-Kit of hanging rope
-Screws



Hanging PC Profile Set
Type: "—" Shape installation
-Transparent PC mounting profile
-Kit of hanging rope
-Screws



Mounting Metal Base Set
Type: "I" Shape installation
-Kit of metal base
-Tapping screws
-Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
-Kit of metal base
-Tapping screws
-Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
-Kit of "I" type hanging mounting with rope
-Tapping screws
-Expandable rubber plugs



Metal Connector for Side Cable Entry
-Metal connector with side outlet
-Tapping screws



Metal Connector for Front Cable Entry
-Metal connector
-Tapping screws



Mounting PC clips Set
Type: "Ω" Shape installation
-Transparent PC clips
-Transparent PC pedestals with one hole
-Tapping screws
-Expandable rubber plugs



Hanging PC clips Set
Type: "—" Shape installation
-Ω" type transparent PC clips
-Transparent PC pedestals with one hole
-Kit of hanging rope
-Machine screws



Mounting Concealed PC clips Set
-Transparent PC pedestals with two holes
-Transparent PC pedestals with five holes
-Tapping screws
-Expandable rubber plugs



Hanging Concealed PC clips Set
Type: "—" Shape installation
-Transparent PC pedestals with five holes
-Tapping screws
-Kit of hanging rope
-Machine screws



Adjustable Hanging PC Clips Set
Type: "—" Shape installation
-Transparent PC mounting clips
-Machine screws
-Kit of telescopic rod



Adjustable Hanging PC profile Set
Type: "—" Shape installation
-Transparent PC mounting profile
-Machine screws
-Kit of telescopic rod



Adjustable Hanging PC
Type: "—" Shape installation
-Ω" type transparent PC clips
-Transparent PC pedestals with one hole
-Kit of telescopic rod



Adjustable Hanging with Concealed PC clips
Type: "—" Shape installation
-Transparent PC pedestals with five holes
-Tapping screws
-Kit of telescopic rod
-Machine screws



PC Connector for Side Cable Entry
-Screws
-Transparent side outlet connector



Hanging PC Connector for Side Cable Entry
-Screws,Kit of hanging rope
-Expandable rubber plugs
-Tapping screws
-Transparent side outlet connector



PC Connector for Front Cable Entry
-Screws
-Transparent connector



Hanging PC Connector Set
-Screws
-Kit of hanging rope
-Expandable rubber plugs
-Tapping screws
-Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
-Screws
-Kit of hanging rope
-Expandable rubber plugs
-Tapping screws
-Transparent circular tube



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
-Screws
-Kit of hanging rope
-Expandable rubber plugs
-Tapping screws
-Transparent circular tube



The Front



The Front



The End



The End

