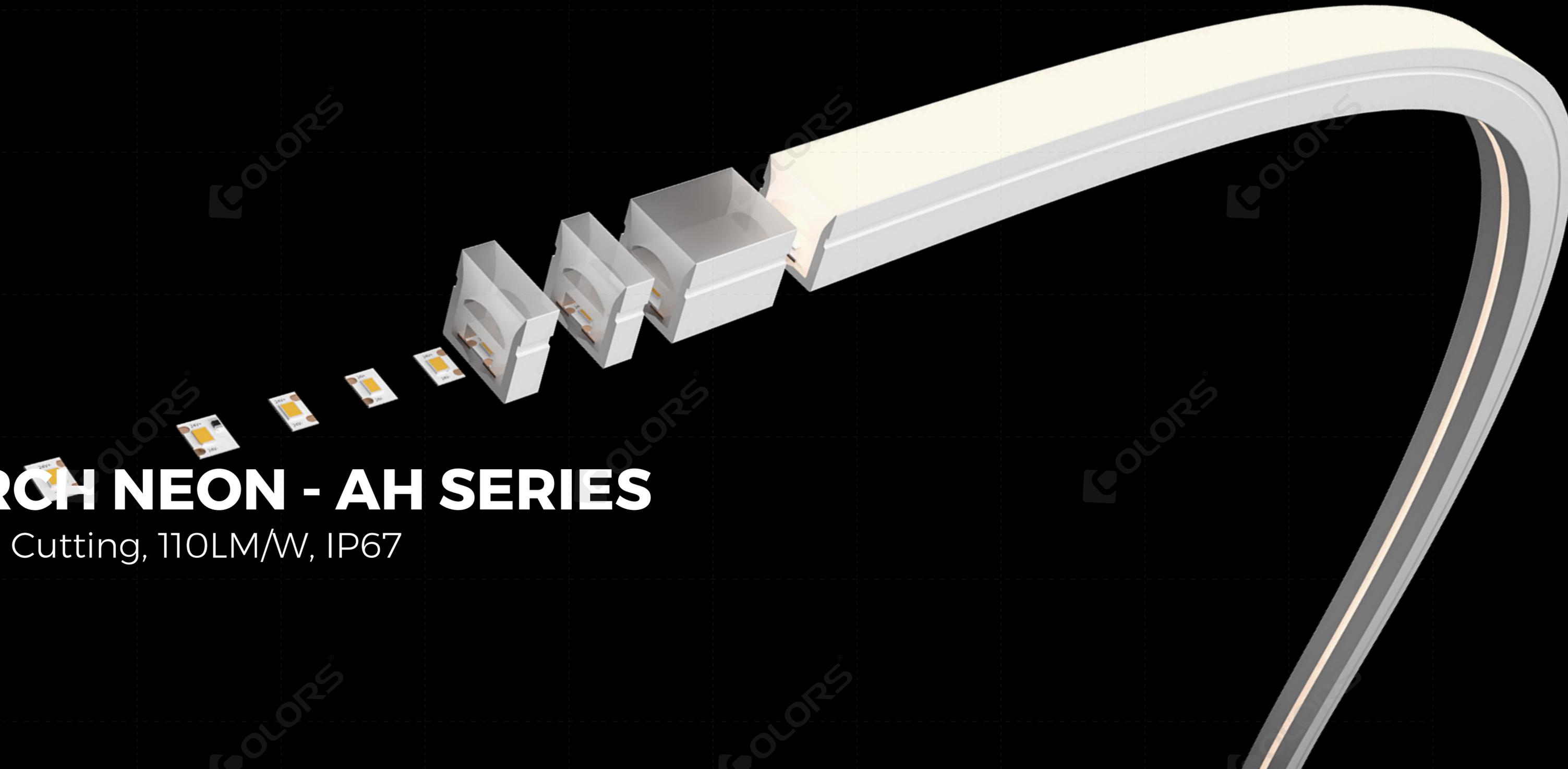


ARCH NEON - AH SERIES

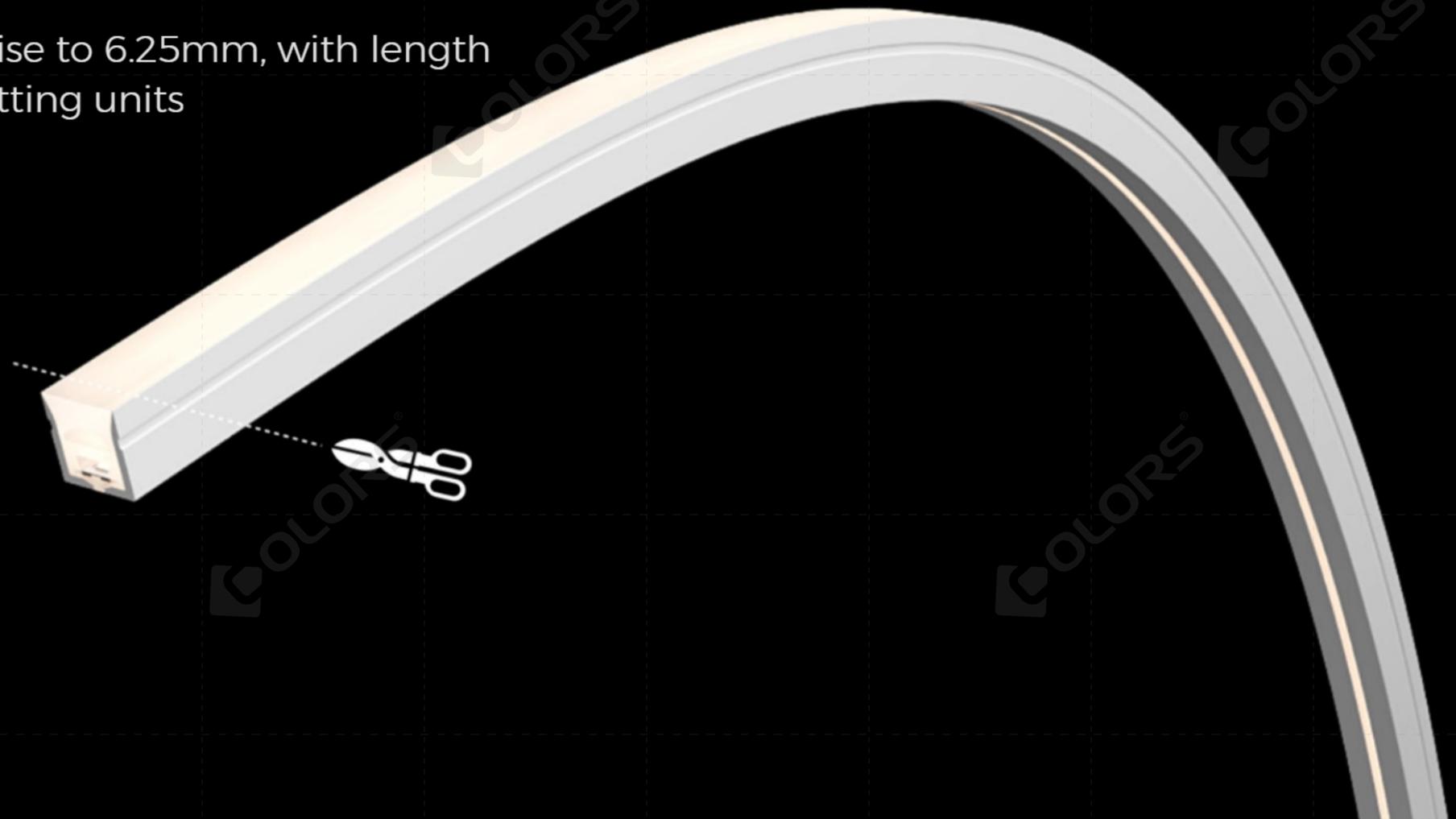
Free Cutting, 110LM/W, IP67



Free Cutting & Energy Efficiency

Cut-to-Size · Accurate Fit for Easy Installation

DC24V single Led cutting, precise to 6.25mm, with length customization unlimited by cutting units



Ultra High Light Efficiency & More Energy Saving

High-efficiency LEDs + Patented Optical Design and Material Formulation, The maximum light efficiency is 110 lm/W, increasing the brightness by 60%, and 40% energy savings





24V Single LED Cut, With a Cutting Unit of 6.25mm for The Whole Series



Increasing the Brightness By 60%, and 40% Energy Savings

Super Weather Resistance

UV and Yellowing Resistance

Gas-Phase Silicone Extrusion Process, High-intensity 3000 hours UV test, equivalent to 9 years of outdoor use, almost no yellowing

UV

UV

UV

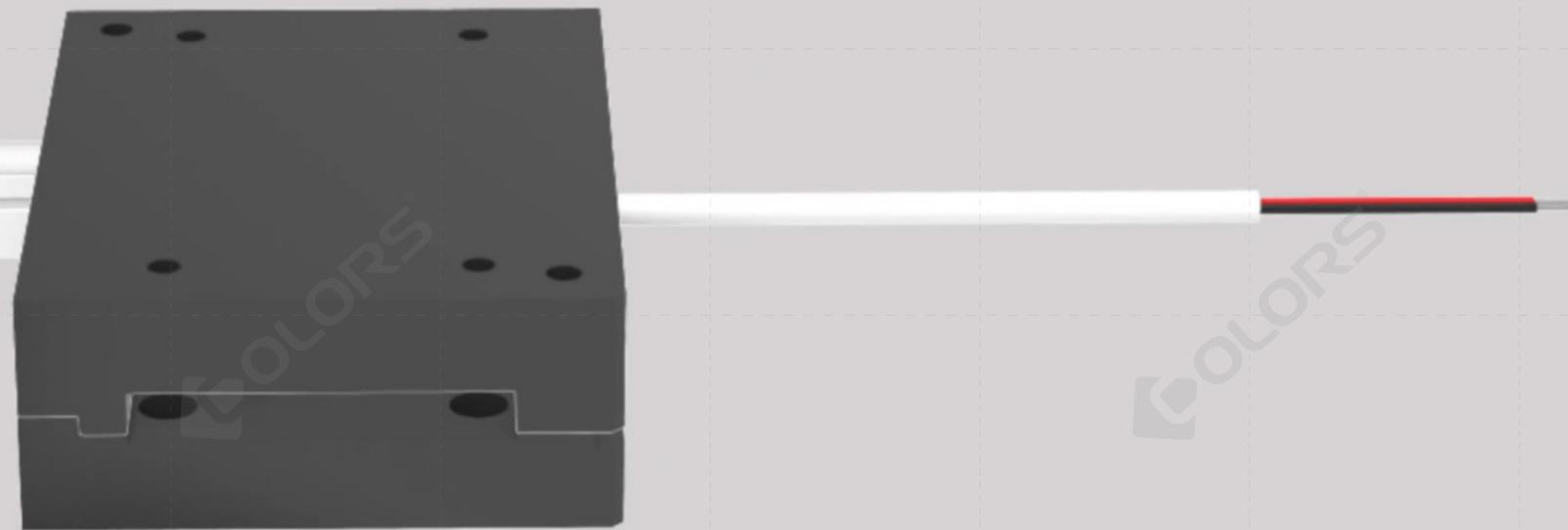
UV

UV



No Worry About Siphonage and Water Seepage

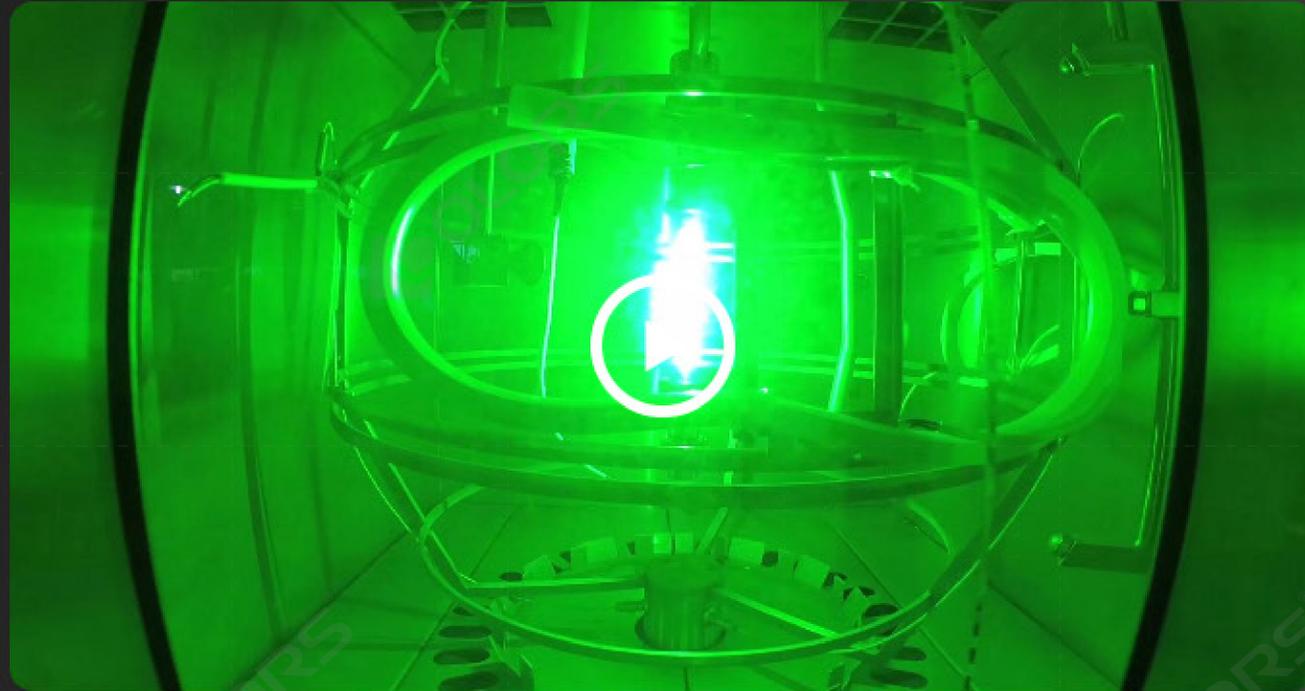
Uniform materials for the neon, end cap and terminal wire.
Used integrated hot melt molding process



Dual-Layer Protective Terminal

Dual-layer protective terminal ensure IP67 protection against rain and water immersion





High-intensity 3000 Hours UV Test
Equivalent to 9 years of outdoor use almost no yellowing



Ensure IP67 Protection Against Rain and Water Immersion

Super Durable

Anti-Breakage PCB Are More Durable

With an innovative 2in1 built-in anti-tensile PC line and backplane design, the anti-breakage PCB is more durable



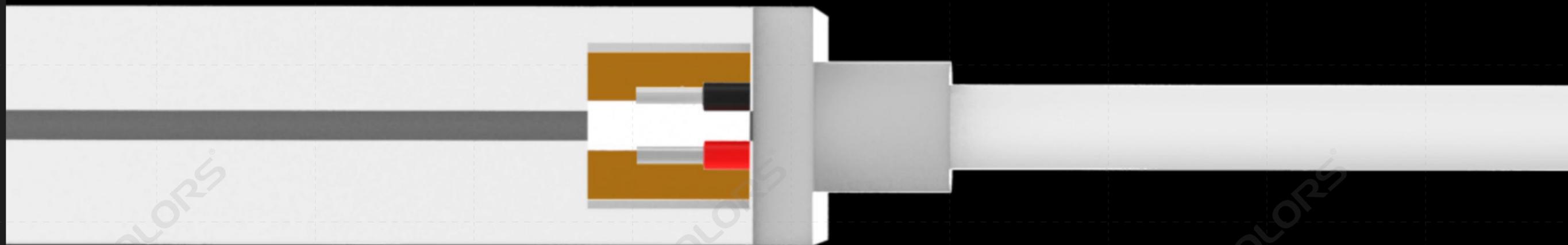
Worry Free About Quality

Parallel LEDs technology, special chip design,
single chip breakage no affect the light effect



Withstands Installation Stresses

Reinforced wire soldering technology,
designed to overcome external forces





Twisting test :5000 times & Tensile Test $\geq 650\text{N}$



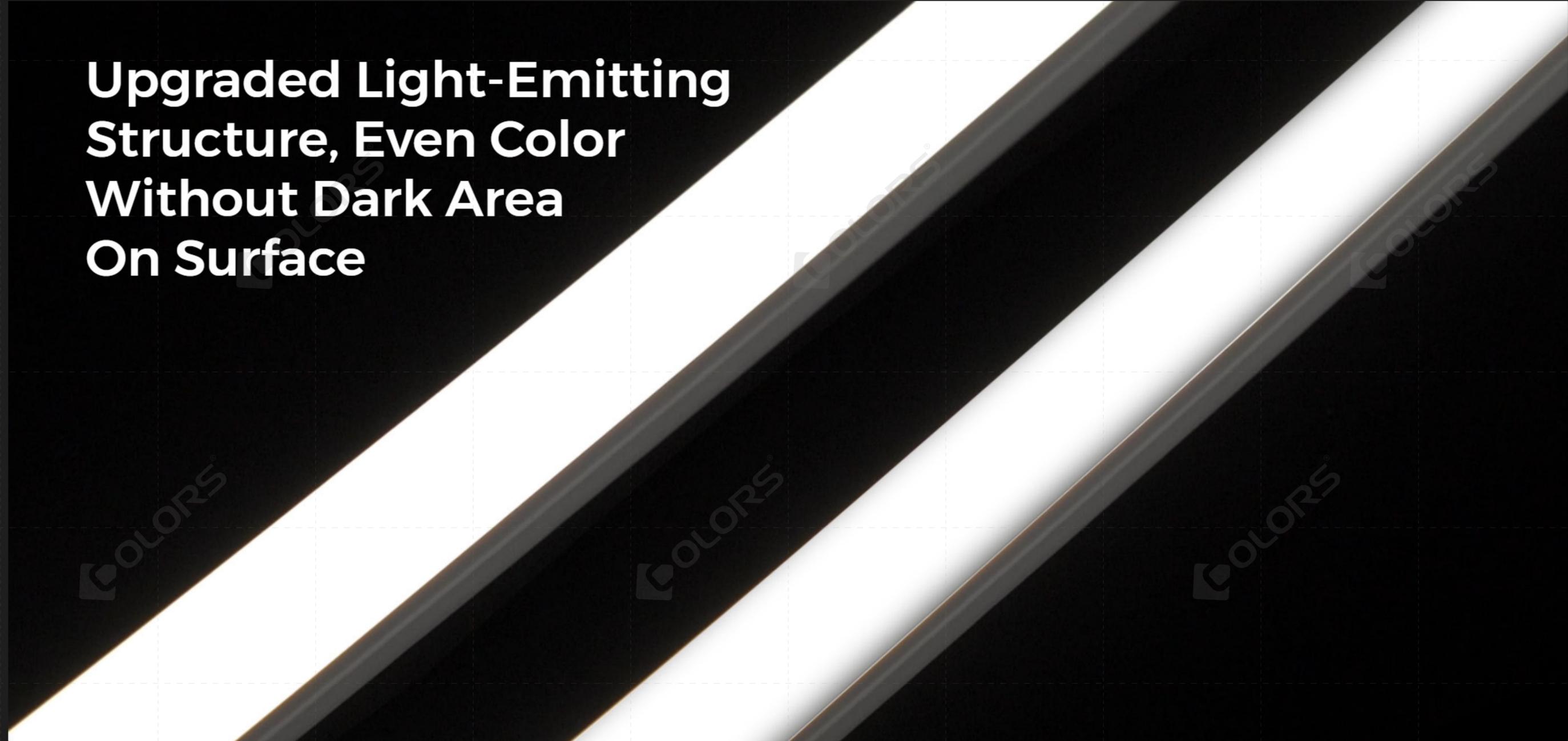
Single Chip Failure Does Not Affect Normal Illumination



Designed to Overcome External Forces Such as Pressing, Pulling and Tugging During Installation

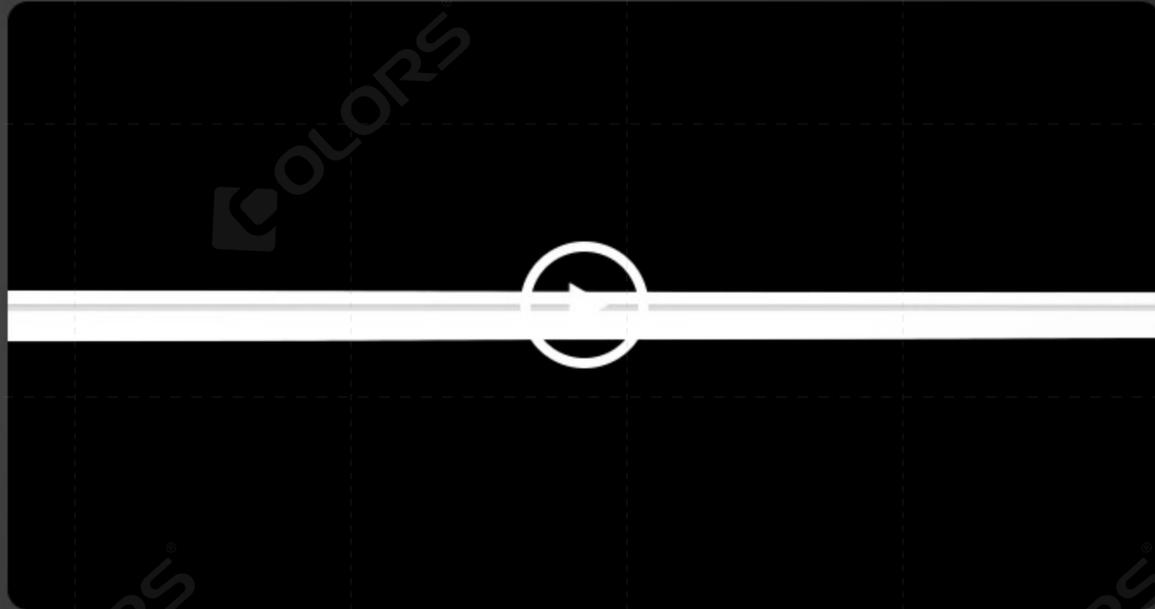
Superior Light Quality

**Upgraded Light-Emitting
Structure, Even Color
Without Dark Area
On Surface**

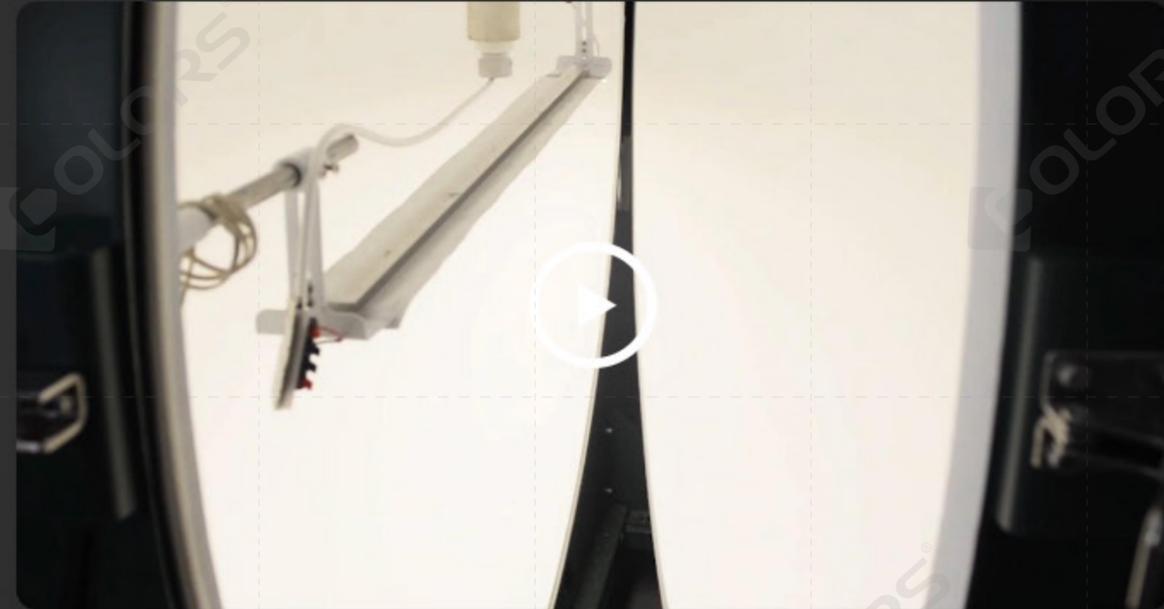


Precision-Controlled Color Temperature After Silicone Coated

SDCM<5, ensuring color consistency.



Upgraded Light-Emitting Structure, Uniform light effect



SDCM<5, Ensuring Color Consistency

Light Color Standard

2200K

2700K

3000K

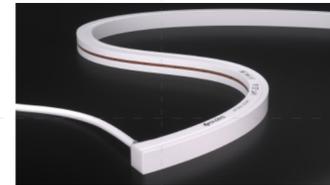
4000K



High-rise Landmark Buildings



Model Recommendation



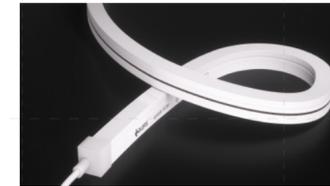
AFT1616



AFS1616



AFT2020



AFS2020



AHT1616



AHS1616



AHT2020



AHS2020

Recommendation Reasons:

Tall buildings with long viewing distances: Recommend products with large light-emitting areas; flat neon strips offer better integration.

Extreme cold/hot areas: Recommend AF series products, featuring superior weather resistance, single-end cascading up to 50m, and comprehensive light color & control options.

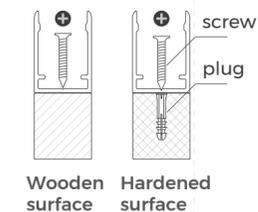
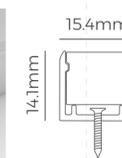
Non-extreme climates: Optional AH series neon strips with higher luminous efficiency; supports arbitrary cutting for precise length adaptation.

ENP end caps: No dark-area end caps, Ensures better splicing integration.

Accessories



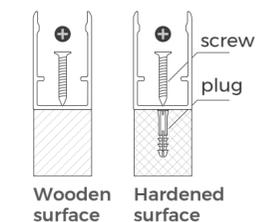
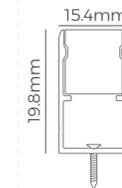
Flat mounting aluminum groove



Wooden surface Hardened surface



Aluminum groove of reserved outlet position



Wooden surface Hardened surface

Public Cultural Buildings



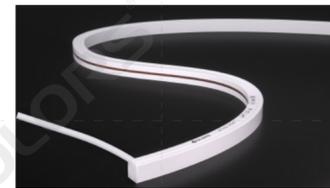
Model Recommendation



AFT1616



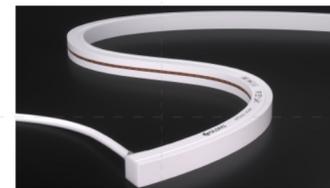
AFS1616



AFT312



AFS1217



AHT1616



AHS1616



AHT312



AHS1217

Recommendation Reasons:

Tall buildings with long viewing distances: Recommend products with large light-emitting areas; flat neon strips offer better integration.

Extreme cold/hot areas: Recommend AF series products, featuring superior weather resistance, single-end cascading up to 50m, and comprehensive light color & control options.

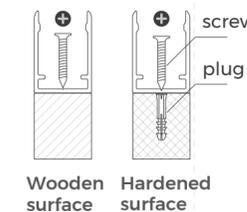
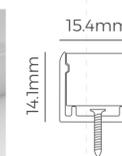
Non-extreme climates: Optional AH series neon strips with higher luminous efficiency; supports arbitrary cutting for precise length adaptation.

ENP end caps: No dark-area end caps, Ensures better splicing integration.

Accessories



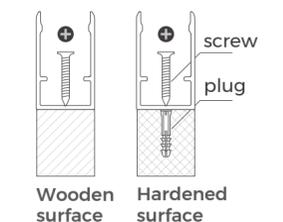
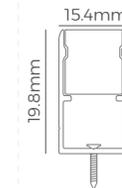
Flat mounting aluminum groove



Wooden surface
Hardened surface



Aluminum groove of reserved outlet position



Wooden surface
Hardened surface

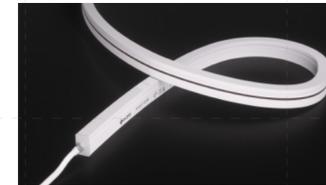
Commercial Block Buildings



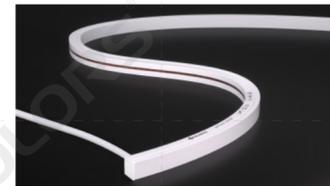
Model Recommendation



AFT1312



AFS1217



AHT1312



AHS1217

Recommendation Reasons:

Commercial buildings (short viewing distances): Recommend products with small to medium light-emitting areas.

Neon installation in commercial areas (high length dimension requirements): Recommend AH series (free cutting, higher luminous efficiency); 15m-long cascading products are optional.

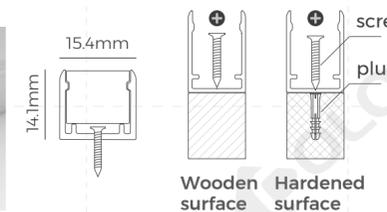
For ambient lighting and control-type products: Recommend AF series with richer light color control.

ENP end caps: No dark-area end caps, Ensures better splicing integration.

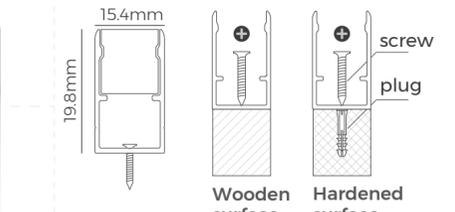
Accessories



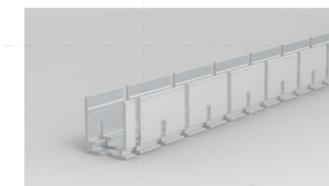
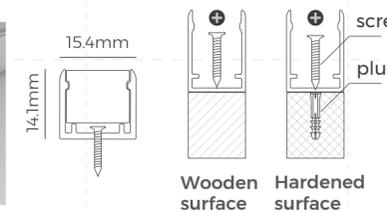
Flat mounting aluminum groove



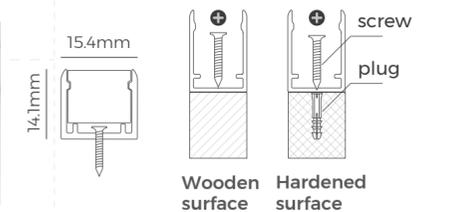
Aluminum groove of reserved outlet position



Side mounting aluminum groove



Moldable groove



Scenario Case

Antaaya Commercial Project

Application: FAÇADE Lighting



Dream Makers Paradise

Application: Cove Lighting,
Low Position Ambient Light,
Contour Lighting, Under
Cabinet Lighting, Decorative
Lighting



SHERATON Zhaoqing Dinghu

Applications: Contour Lighting, Under Eave Lighting



Xi'an International Football Center

Applications: Contour Lighting



Product Model



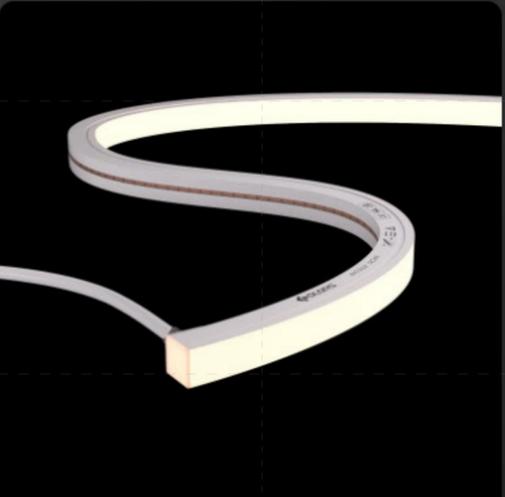
AHT1312
[Learn more >](#)



AHT1312U
[Learn more >](#)



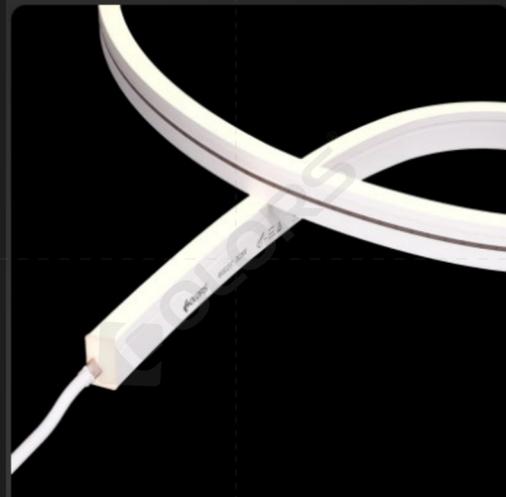
AHT1615
[Learn more >](#)



AHT1616
[Learn more >](#)



AHT2020
[Learn more >](#)



AHS1217
[Learn more >](#)



AHS1224
[Learn more >](#)

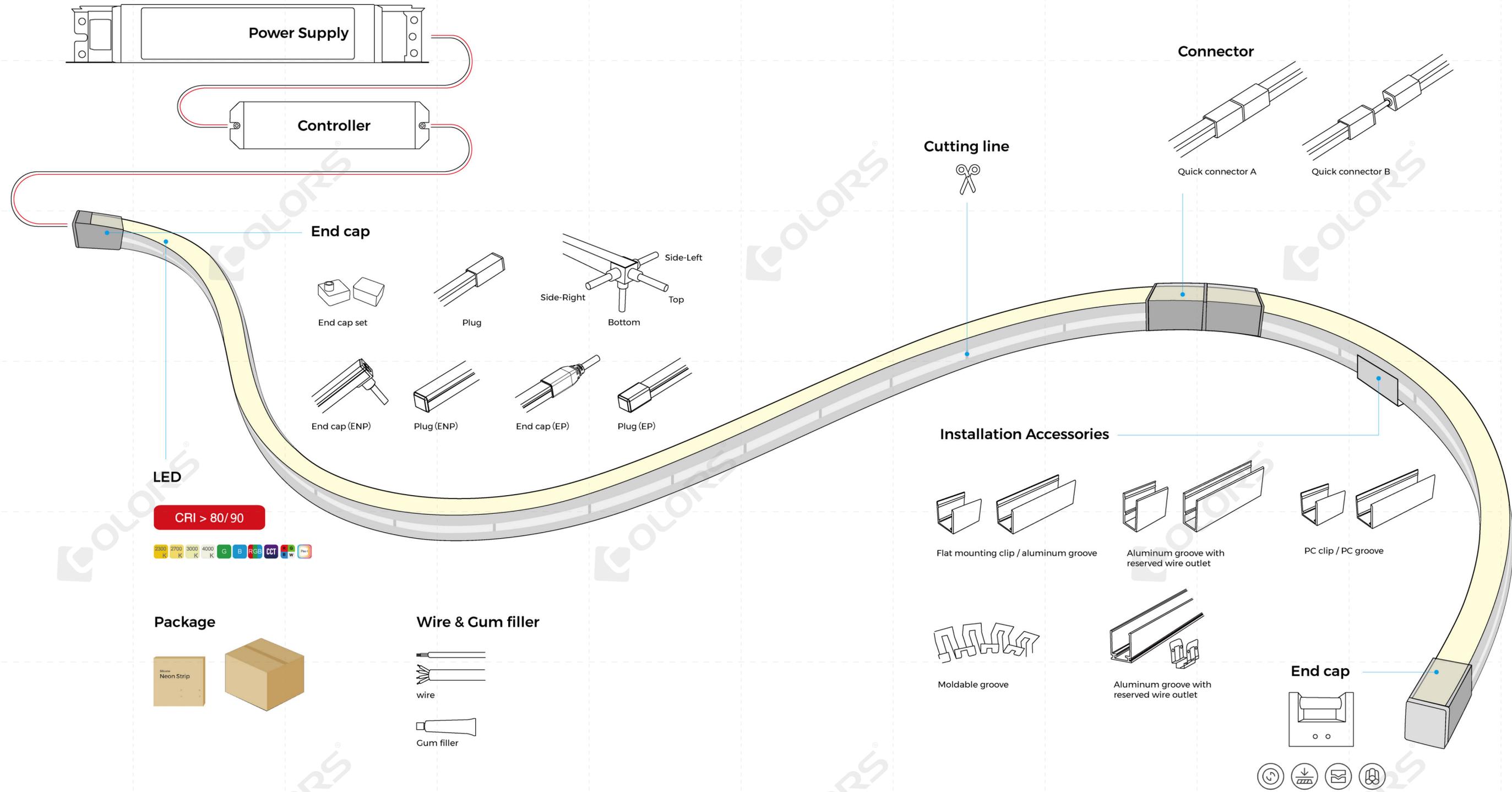


AHS1616
[Learn more >](#)



AHS2020
[Learn more >](#)

Product Accessories



Power Supply

Controller

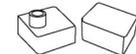
Connector

Quick connector A

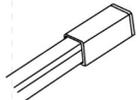
Quick connector B

Cutting line

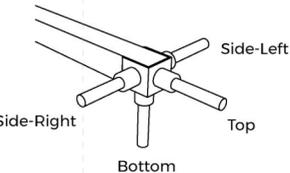
End cap



End cap set



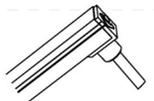
Plug



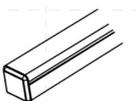
Side-Right

Top

Bottom



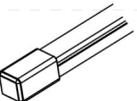
End cap (ENP)



Plug (ENP)



End cap (EP)



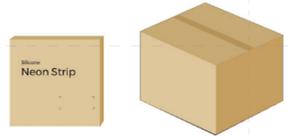
Plug (EP)

LED

CRI > 80/90



Package



Wire & Gum filler

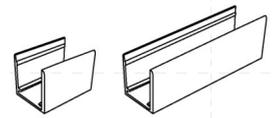


wire

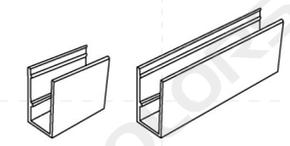


Gum filler

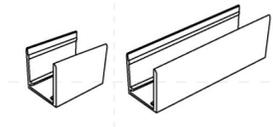
Installation Accessories



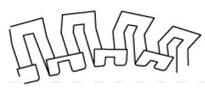
Flat mounting clip / aluminum groove



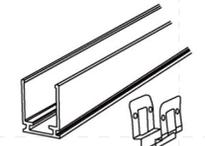
Aluminum groove with reserved wire outlet



PC clip / PC groove

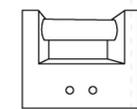


Moldable groove



Aluminum groove with reserved wire outlet

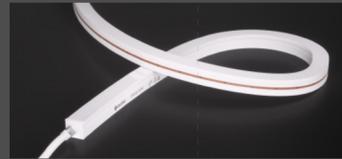
End cap



More Recommendations

AF Series

Weather fastness series



Applications in facade lighting / landscape lighting

Top bend:1312/1615/1616/2020/1312U
Side bend:1217/1616/2020/1224

7 Years



IP67

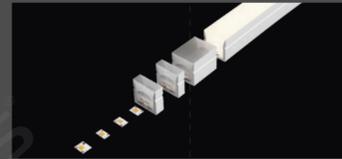
Temperature resistant
-40°C~+60°C

SDCM<5

Length(white light)
24V-10m/R;48V-20m/R

AH Series

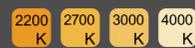
Free cutting series



Applications in facade lighting / landscape lighting

Top bend:1312/1615/1616/2020/1312U
Side bend:1217/1616/2020/1224

7 Years



IP67

Temperature resistant
-20°C~+50°C

SDCM<5

Length(white light)
24V-10m/R;48V-20m/R

AN Series

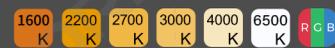
Sauna use series



Applications in sauna room

Top bend:1312/1615
Side bend:1217

5 Years



IP67

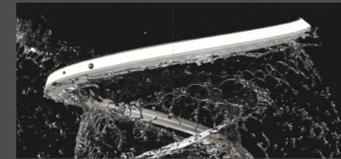
Temperature resistant
-40°C~+110°C

/

Length(white light)
24V-15m/R

AW Series

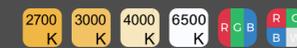
Under-water use series



Applications in swimming pool / underwater

Top bend:2020
Side bend:2020

5 Years



IP68

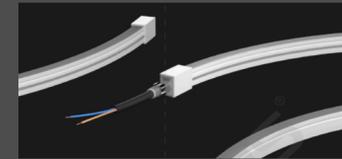
Temperature resistant
-20°C~+50°C

/

Length(white light)
24V-5m/R

AC Series

AC230V series



Applications in bridge lighting / landscape lighting

Top bend:1312
Side bend:1217/1224

5 Years



IP65

Temperature resistant
-20°C~+50°C

/

Length(white light)
230V-50m/R