

JADEMAR
LIGHTING®

**JAF / JAN / JAW / JNM3D
SERIES**



ARCHITECTURAL NEON
WET LOCATION

APPLICATIONS

- **INDOOR LIGHTING**
- **OUTDOOR LIGHTING**

JAF SERIES
WATERPROOF OUTDOOR



APPLICATIONS:
FACADE / LANDSCAPE / ARCHITECTURAL

TOP BEND: 1312 / 1312U / 1615 / 1616 / 2020
SIDE BEND: 1217 / 1224 / 1616 / 2020

7 YEARS
WARRANTY

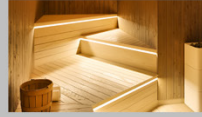
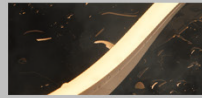


IP67
IP RATING

-40°F~140°F (-40°C~60°C)
TEMPERATURE RESISTANCE

24V-10M/R; 48V-20M/R
LENGTH (WHITE LIGHT)

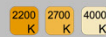
JAN SERIES
SAUNA, STEAM & HIGH AMBIENT



APPLICATIONS:
SAUNAS / STEAM ROOMS

TOP BEND: 1312 / 1615
SIDE BEND: 1217

7 YEARS
WARRANTY

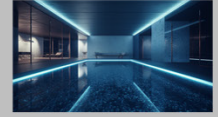
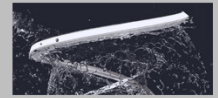


IP67
IP RATING

-40°F~230°F (-40°C~110°C)
TEMPERATURE RESISTANCE

24V-15M/R
LENGTH (WHITE LIGHT)

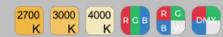
JAW SERIES
UNDERWATER



APPLICATIONS:
SWIMMING POOLS / UNDERWATER

TOP BEND: 2020
SIDE BEND: 2020

7 YEARS
WARRANTY



IP68
IP RATING

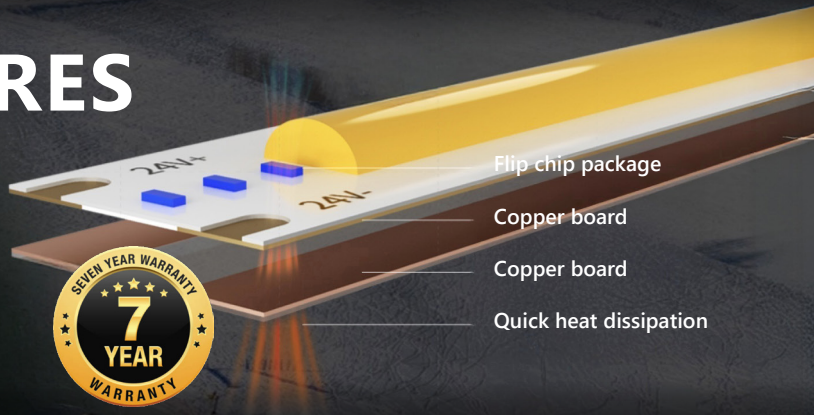
-4°F~122°F (-20°C~50°C)
TEMPERATURE RESISTANCE

24V-15M/R
LENGTH (WHITE LIGHT)

JAF SERIES FEATURES

Temperature resistance: **-40°C ~ + 60°C**
Thermal Shock Testing: 1500 cycles*

SUPER WEATHER RESISTANCE
unaffected by extreme cold or heat



High intensity
UV test in 3000H

Equivalent to **9 years of outdoor use**,
with slight color change

Before UV 3000H test

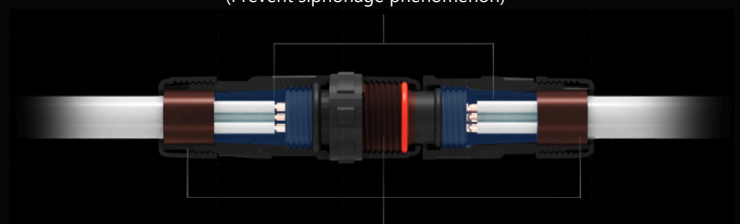
After UV 3000H test

Solder-free fast connection,
avoid siphonage phenomenon

Silicone Filling waterproof in two areas,
Structure waterproof in three areas

Dural protection

Silicone filling waterproof
(Prevent siphonage phenomenon)



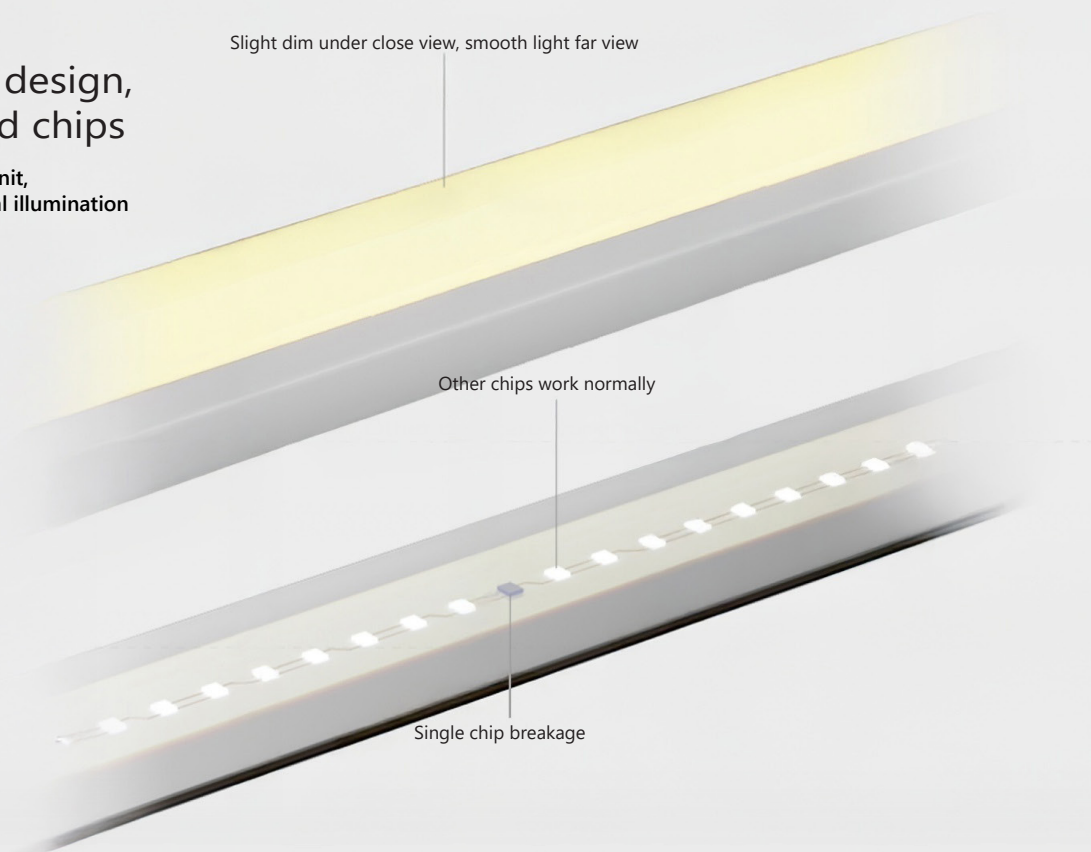
Structure waterproof

JAF SERIES FEATURES

ULTRA-HIGH STRUCTURAL STRENGTH

Special durable chips design,
no worries about dead chips

Parallel design of the smallest lighting unit,
single chip failure does not affect normal illumination



Innovative structure,
anti-twist high reliability

Built-in anti-tensile PC line and Backplane, 2-in-1 design,
trouble-free installation



JAF SERIES FEATURES

LIGHTING EFFECT UPGRADED

Unique structure design for more uniform light distribution and better visual effects

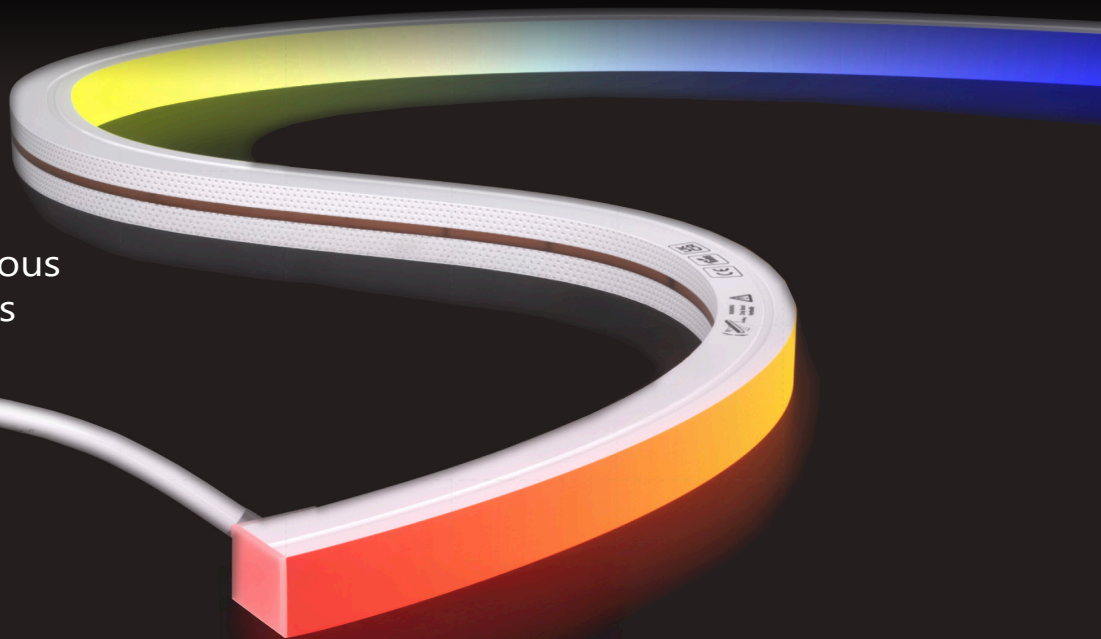
Uniform light effect



Non-uniform light effect



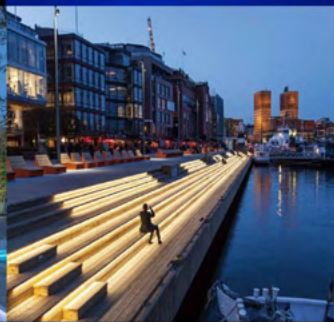
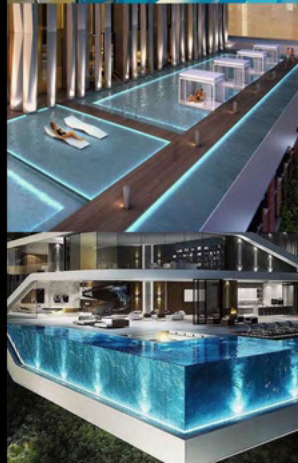
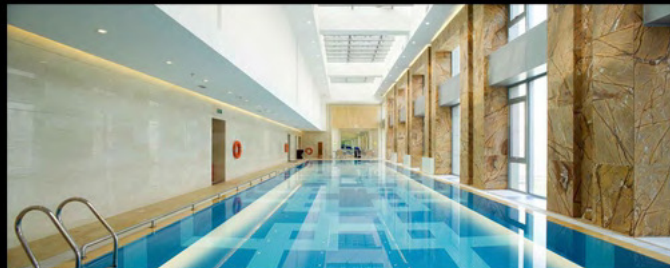
Compatible with various DMX Control Systems



Colors Options



JAF SERIES APPLICATIONS



JAN SERIES FEATURES

- * -40°F~230°F (-40°C~110°C) TEMP RESISTANCE
- * IP67 WATER RESISTANCE
- * HIGH STRUCTURAL STRENGTH

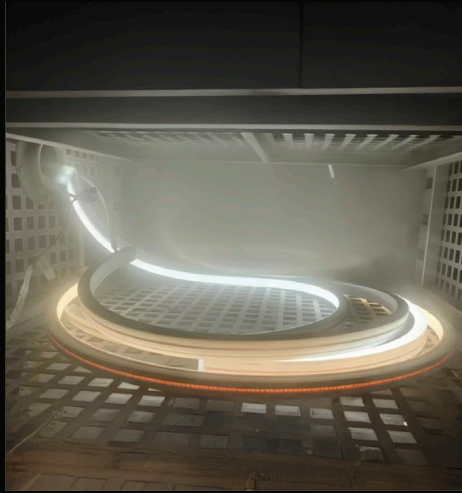


JAN SERIES FEATURES

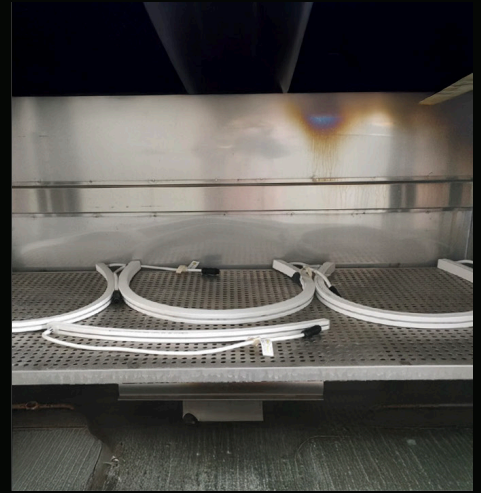
RIGOROUS TESTS



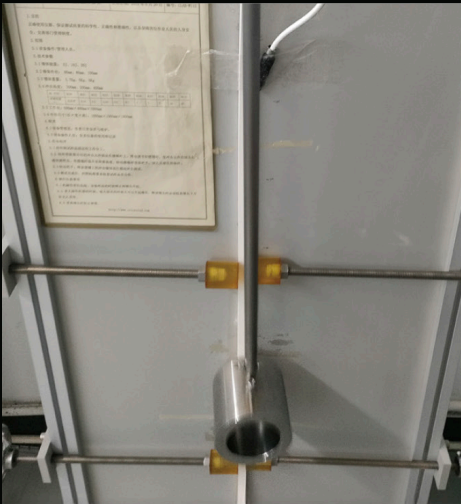
Twisting
720°*5000 times



Thermal Shock
-40~+110°C 1500 times



UV Test
3000H



IK10 Test
Impact Resistance



Tensile Test
650N



End Cap Tensile Test
Four times neon weight

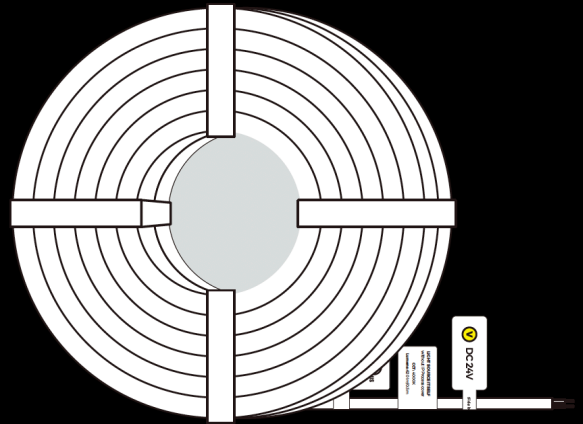
JAN SERIES FEATURES

WATERPROOF CONNECTOR

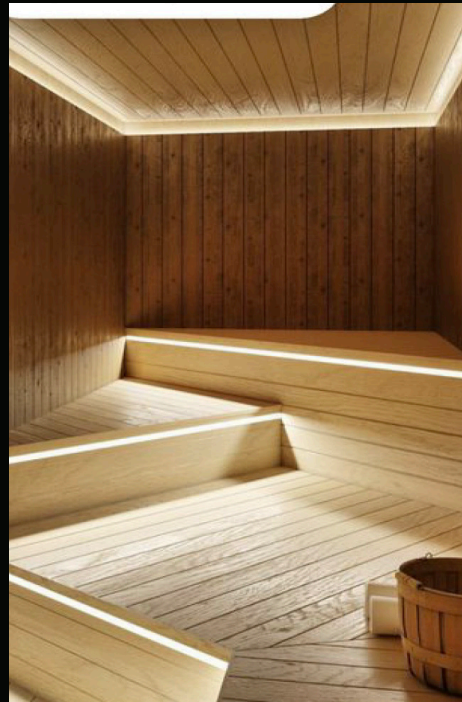
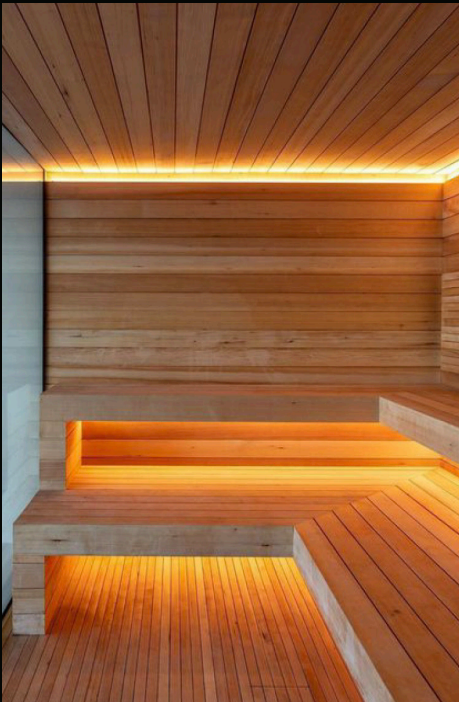


ULTRA-LONG APPLICATION

24V - 49.2Ft (15m)



JAN SERIES APPLICATIONS



JAW SERIES FEATURES

- * IP68 PROTECTION RATING
- * CHLORINE AND SALT RESISTANT
- * ULTRA HIGH STRUCTURAL STRENGTH



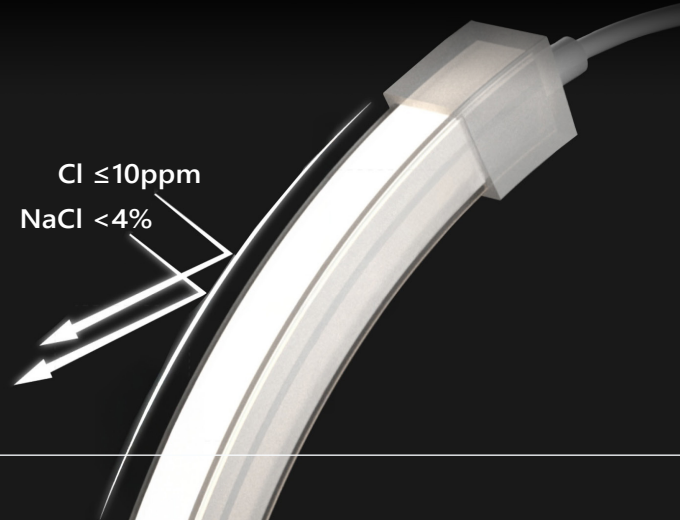
9.84Ft (3m) Water Depth Application



Special T-Type TPU Material

Chlorine Resistance $\leq 10\text{ppm}$
Salt Resistance $< 4\%$

Cl $\leq 10\text{ppm}$
NaCl $< 4\%$

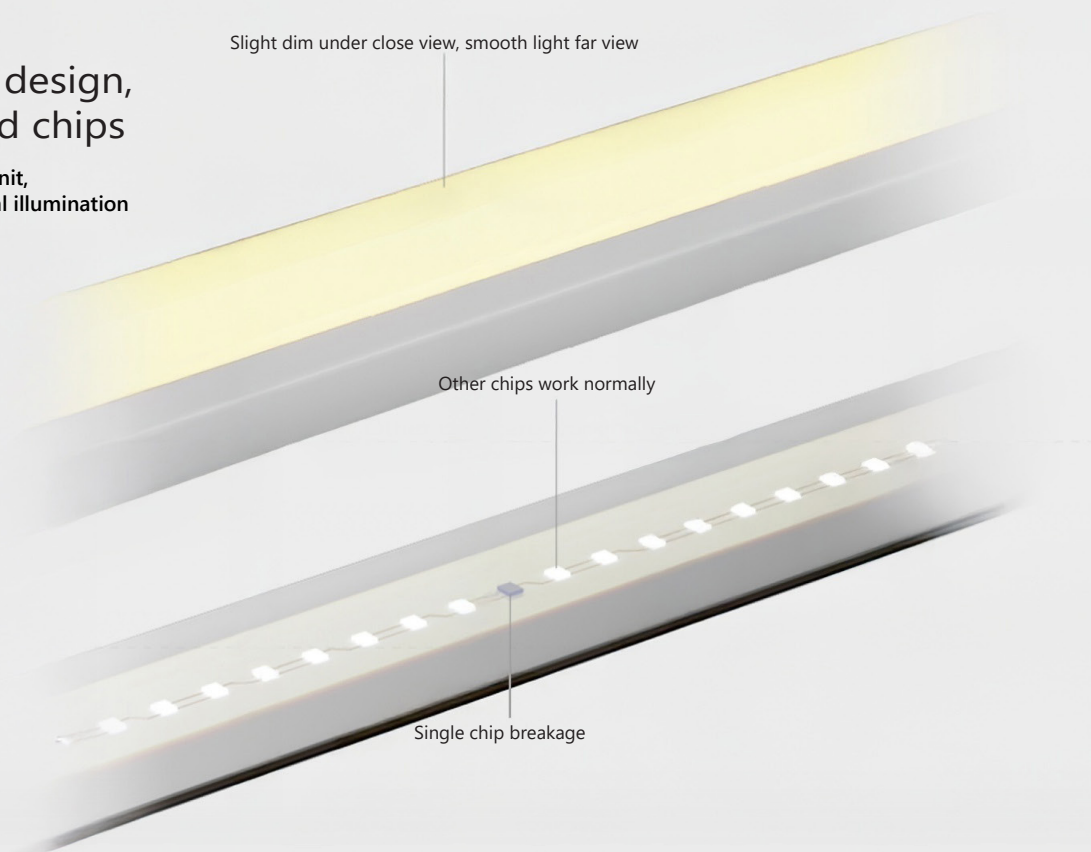


JAW SERIES FEATURES

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JAW SERIES FEATURES

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DMX Control Systems

Colors Options



JAW SERIES APPLICATIONS



JNM3D SERIES FEATURES

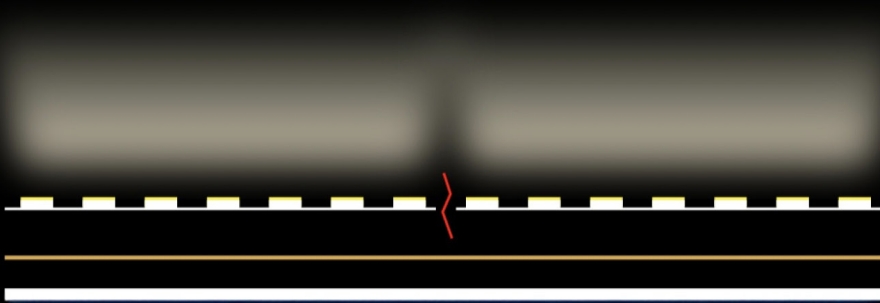
3D TWISTING

Does not distinguish between top and side bends, fully solved without seams

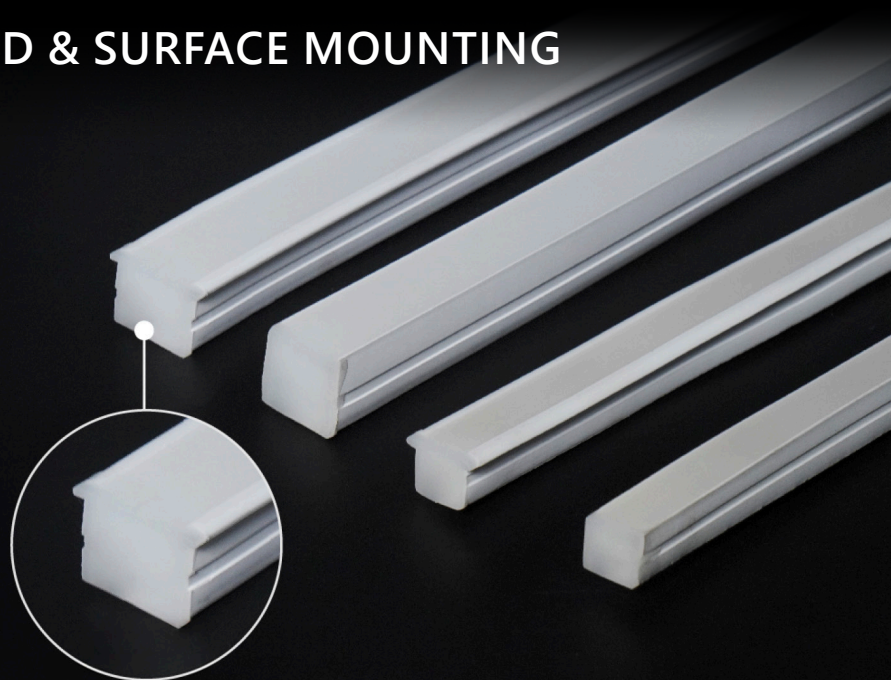
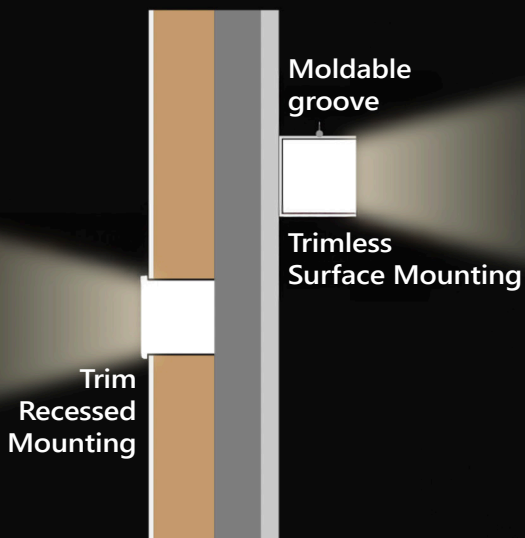


ANTI-PCB DISCONNECTION

Exclusive solution - stronger reliability

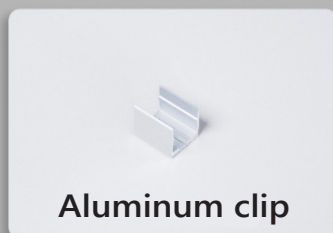


TRIM & TRIMLESS RECESSED & SURFACE MOUNTING

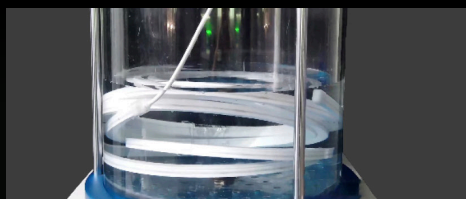


JNM3D SERIES FEATURES

GROOVES & CLIPS



RIGOROUS TESTS



IP67 Waterproof Test
30 minutes, 1m depth



Twist Test
200 times rotating, 360°



Tensile Test
100N

JNM3D SERIES APPLICATIONS

