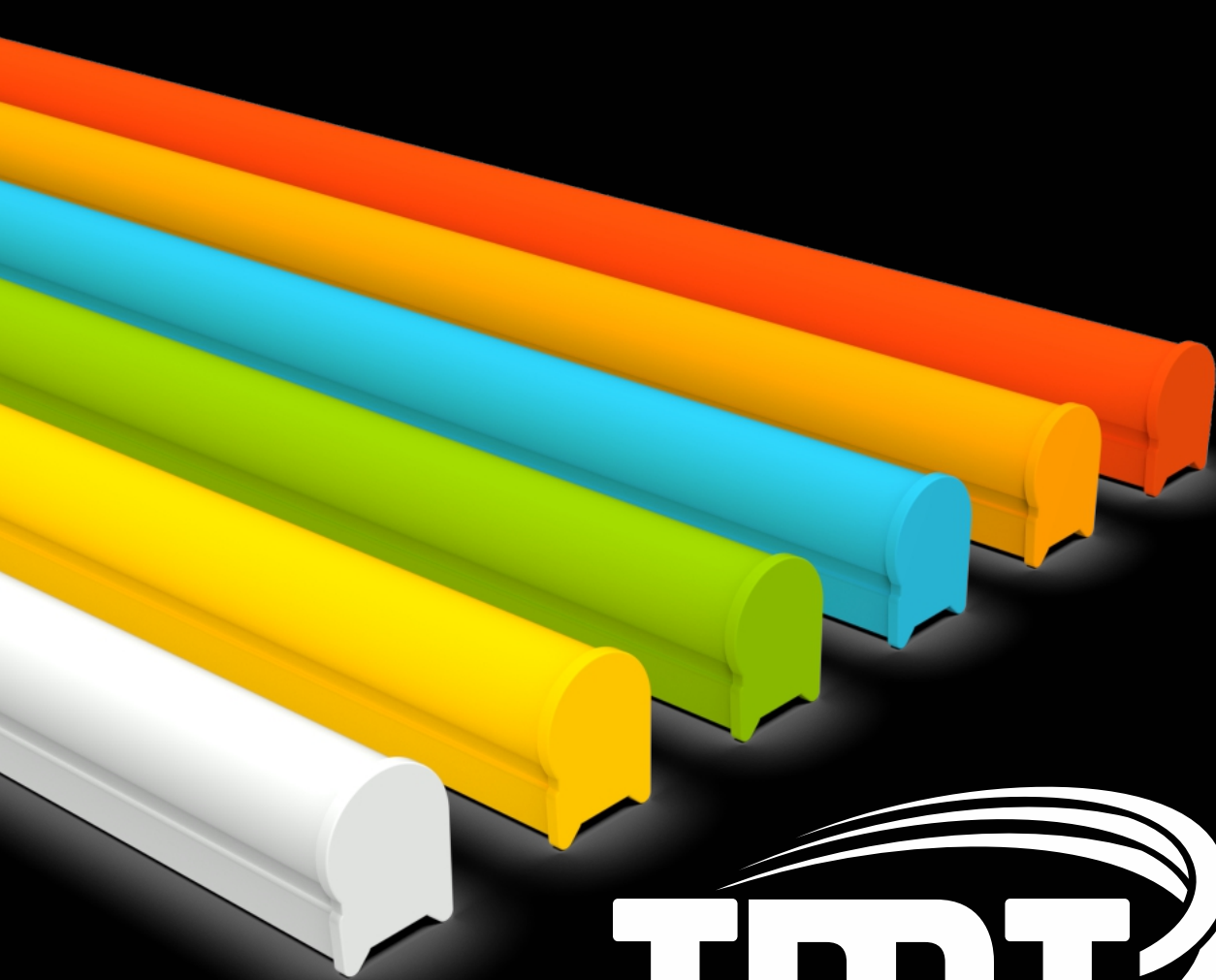




LINERA

GAME CHANGER BORDER LIGHTING





Technical Datasheet
Linera Border Lighting Solutions

CE

RoHS

DALI

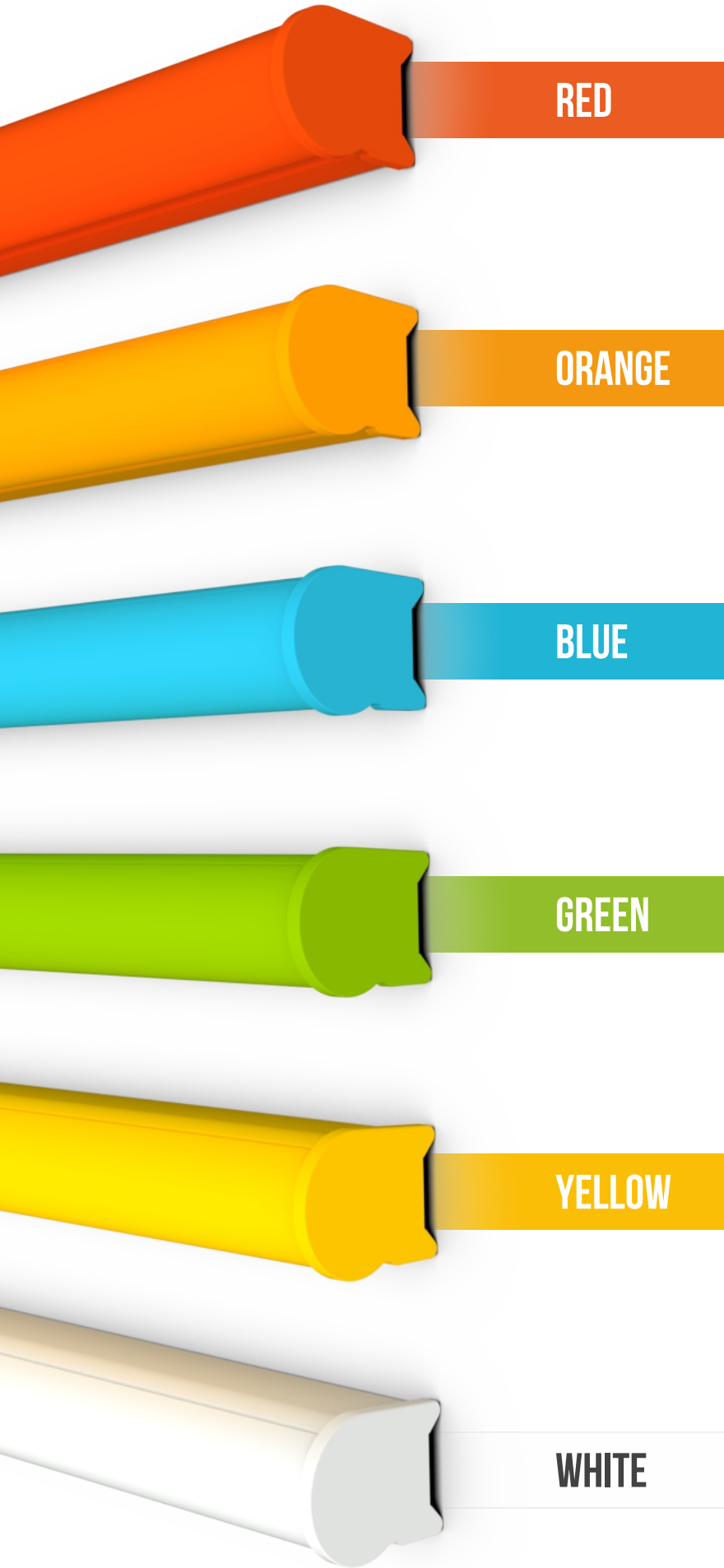
SMD

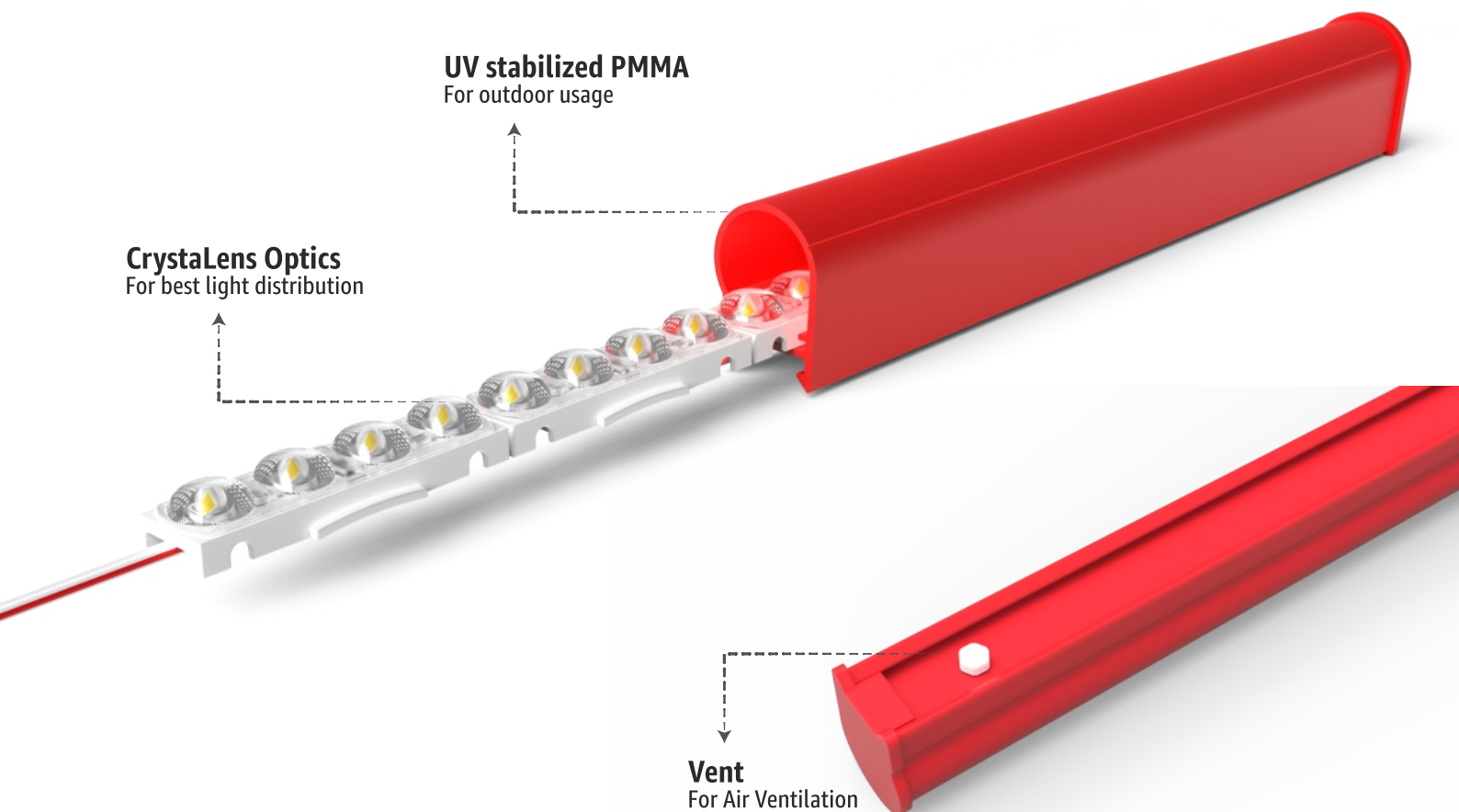
CRI 80

160°

DIMMABLE

LINERA
GAME CHANGER BORDER LIGHTING





Product Overview

Introducing TMT LINERA the ultimate LED lighting solution for architectural and contour lighting, building facades, gas stations, and car wash facilities. Designed for durability and performance, TMT LINERA is waterproof and resistant to fading, ensuring long-lasting brilliance in any environment. With its sleek design and energy-efficient technology, it enhances the aesthetics of any structure while providing reliable illumination. Elevate your outdoor lighting with TMT LINERA where innovation meets endurance.

Experience the power of TMT LINERA a high-performance 24V LED lighting system delivering up to 1100 lumens per meter with just 7W energy consumption. Designed for efficiency and versatility, a single driver can power up to 30 meters, making it perfect for large-scale architectural applications. Available in vibrant colors including red, green, blue, white, orange, and yellow, TMT LINERA ensures stunning illumination with long-lasting durability. Upgrade your lighting with cutting-edge technology and superior performance.

Technical Specifications

Power	7W / Meter (0,5W / Module)
Input Voltage	24V DC
Maximum Length for Single Side Power Loading	15 M
Dimensions	30mm x 40mm
Lengths	600mm, 1200mm, 2400mm, 3000mm
Cut Interval	Can be cut in every 70mm
Tube Material	UV Stabilized PMMA
Lighting Source	IP 67 170° Diffused Ultrasonic Welded Linera LED Module
Ingress Protection	IP 67
System Connection	3M Scotchlock
Mounting Bracket	UV Stabilized PC (Injection moulded)
Mounting Clamp Pull Force	> 20 KG
Mounting Clamp Shear Force	> 30 KG
Lifespan	> 80.000 Hours
Operating Temperature	-30°C - +60°C
Warranty	5 Years
Certification	CE, UL

Product Models

600 MM

Product Name	Family	Input (V)	Length (mm)	Power (W)	Cd/m2	Module Quantity	150W PS Load	Color
TMT Linera 24V WHITE 600 MM	TMT Linera	24V	600	4		8	32	WHITE
TMT Linera 24V YELLOW 600 MM	TMT Linera	24V	600	4		8	32	YELLOW
TMT Linera 24V ORANGE 600 MM	TMT Linera	24V	600	4		8	32	ORANGE
TMT Linera 24V RED 600 MM	TMT Linera	24V	600	4		8	32	RED
TMT Linera 24V GREEN 600 MM	TMT Linera	24V	600	4		8	32	GREEN
TMT Linera 24V BLUE 600 MM	TMT Linera	24V	600	4		8	32	BLUE

1200 MM

Product Name	Family	Input (V)	Length (mm)	Power (W)	Cd/m2	Module Quantity	150W PS Load	Color
TMT Linera 24V WHITE 1200 MM	TMT Linera	24V	1200	8		16	16	WHITE
TMT Linera 24V YELLOW 1200 MM	TMT Linera	24V	1200	8		16	16	YELLOW
TMT Linera 24V ORANGE 1200 MM	TMT Linera	24V	1200	8		16	16	ORANGE
TMT Linera 24V RED 1200 MM	TMT Linera	24V	1200	8		16	16	RED
TMT Linera 24V GREEN 1200 MM	TMT Linera	24V	1200	8		16	16	GREEN
TMT Linera 24V BLUE 1200 MM	TMT Linera	24V	1200	8		16	16	BLUE

2400 MM

Product Name	Family	Input (V)	Length (mm)	Power (W)	Cd/m2	Module Quantity	150W PS Load	Color
TMT Linera 24V WHITE 2400 MM	TMT Linera	24V	2400	16		32	8	WHITE
TMT Linera 24V YELLOW 2400 MM	TMT Linera	24V	2400	16		32	8	YELLOW
TMT Linera 24V ORANGE 2400 MM	TMT Linera	24V	2400	16		32	8	ORANGE
TMT Linera 24V RED 2400 MM	TMT Linera	24V	2400	16		32	8	RED
TMT Linera 24V GREEN 2400 MM	TMT Linera	24V	2400	16		32	8	GREEN
TMT Linera 24V BLUE 2400 MM	TMT Linera	24V	2400	16		32	8	BLUE

3000 MM

Product Name	Family	Input (V)	Length (mm)	Power (W)	Cd/m2	Module Quantity	150W PS Load	Color
TMT Linera 24V WHITE 3000 MM	TMT Linera	24V	3000	21		42	6	WHITE
TMT Linera 24V YELLOW 3000 MM	TMT Linera	24V	3000	21		42	6	YELLOW
TMT Linera 24V ORANGE 3000 MM	TMT Linera	24V	3000	21		42	6	ORANGE
TMT Linera 24V RED 3000 MM	TMT Linera	24V	3000	21		42	6	RED
TMT Linera 24V GREEN 3000 MM	TMT Linera	24V	3000	21		42	6	GREEN
TMT Linera 24V BLUE 3000 MM	TMT Linera	24V	3000	21		42	6	BLUE

Accessories

End Cap Left



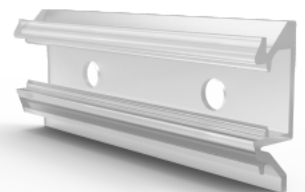
Available Colors

End Cap Right

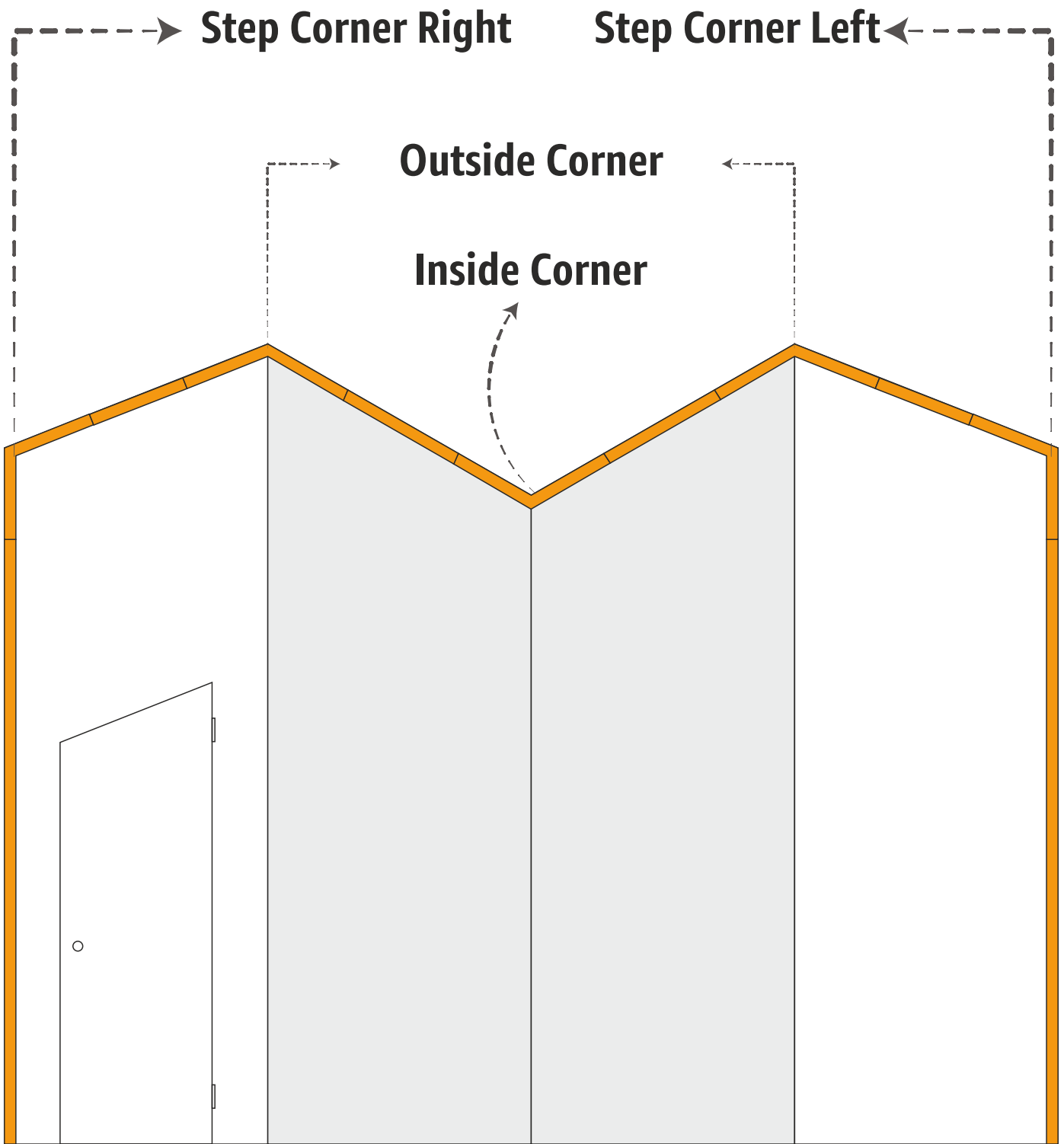
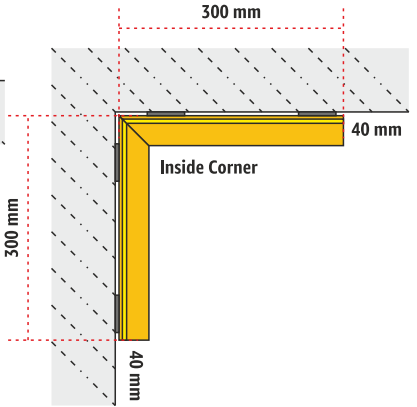
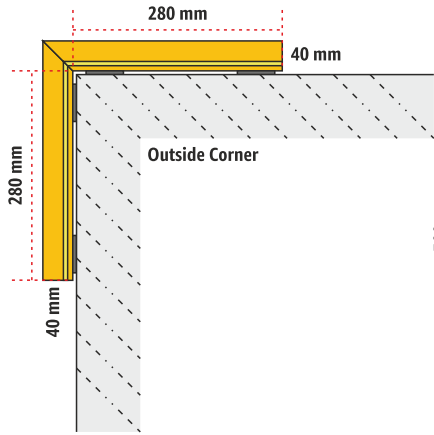
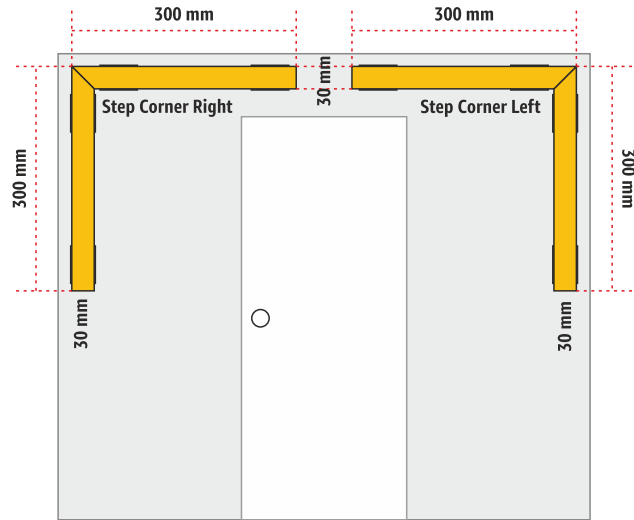


Available Colors

Mounting Clip

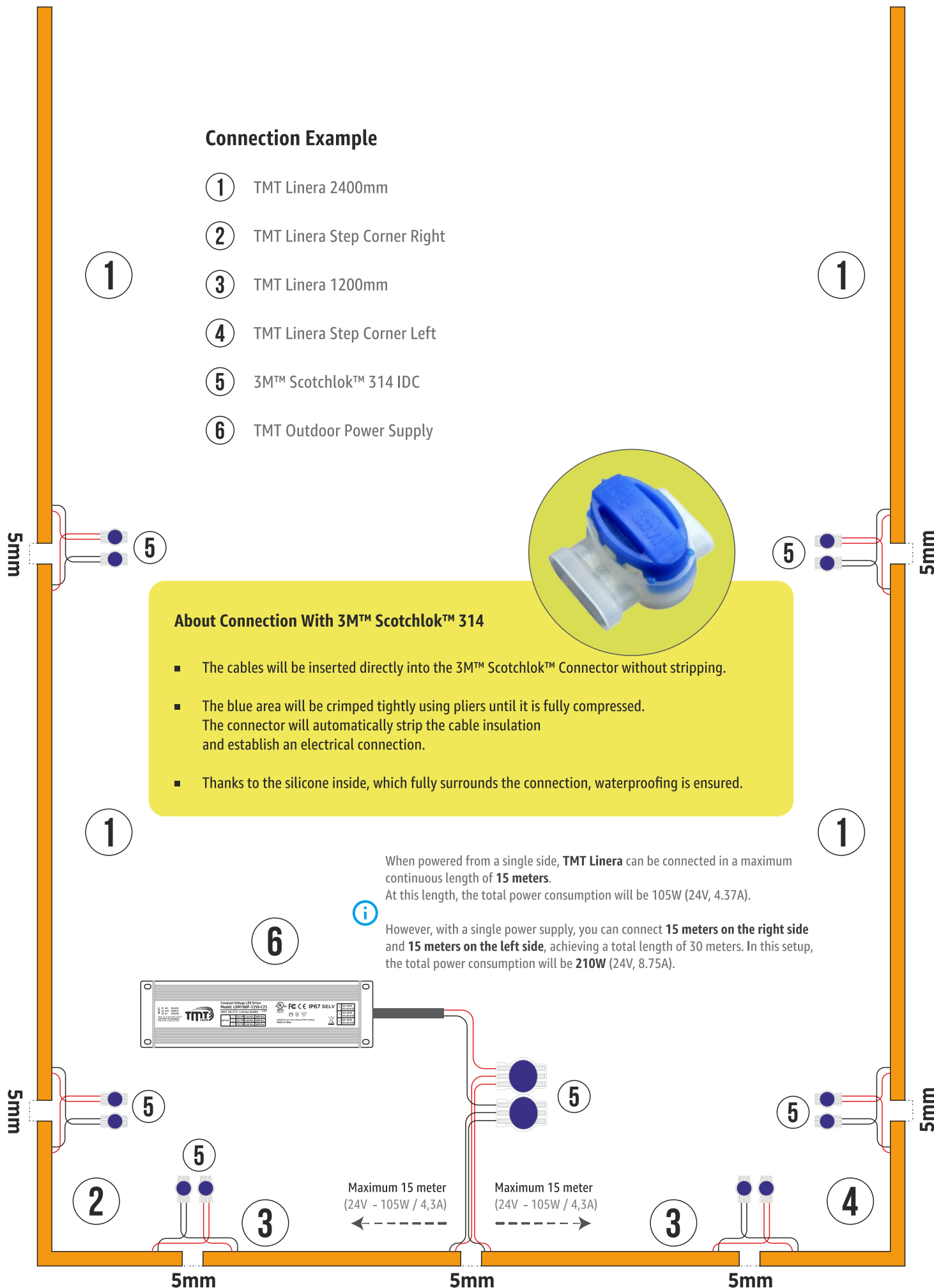


Transparent Color



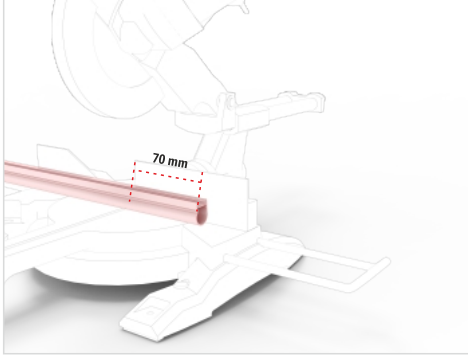
Connection Example

- ① TMT Linera 2400mm
- ② TMT Linera Step Corner Right
- ③ TMT Linera 1200mm
- ④ TMT Linera Step Corner Left
- ⑤ 3M™ Scotchlok™ 314 IDC
- ⑥ TMT Outdoor Power Supply



Application Usage

Step 1



Pipe Cutting Process

After the light turns on, you can easily see the shadow between the two modules by looking from behind the pipes. Mark the spot with a pencil, then use an electric saw, ensuring that the blade is positioned between two modules before performing the cutting process.

Step 2



Applying Adhesive

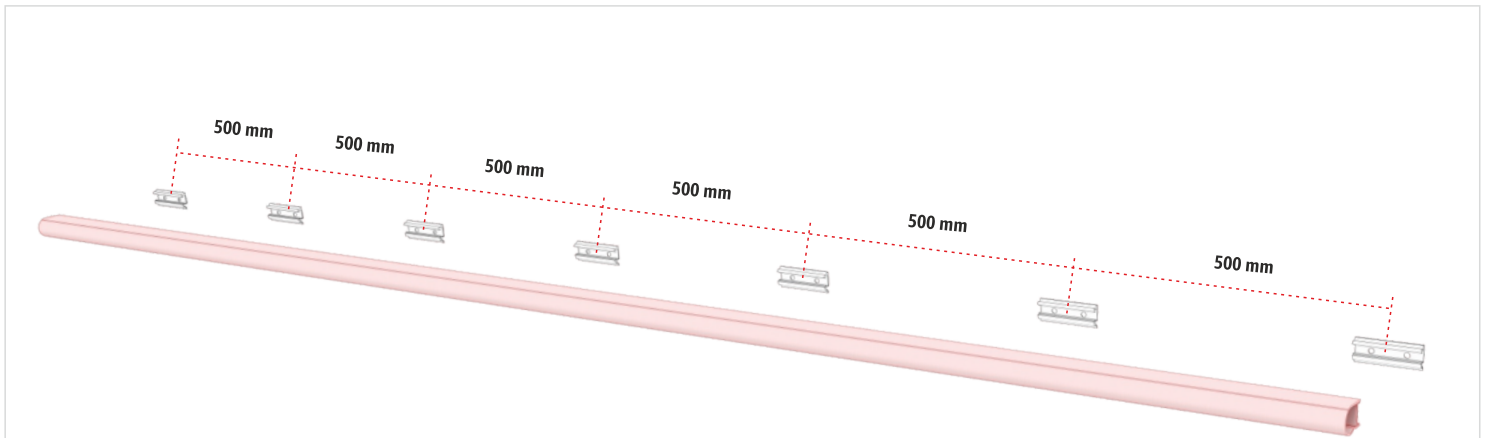
Using a caulking gun, apply an acrylic-based adhesive to the left or right covers. Before closing the covers, make sure to remove any remaining debris inside the pipe using compressed air.

Step 3

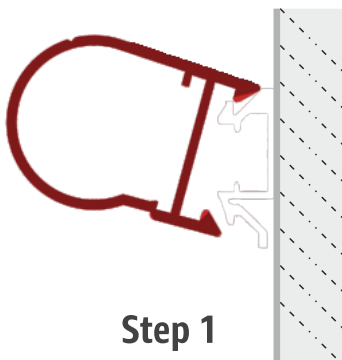


Securing the Cover

Place the cover in position and secure it with masking tape until it dries. Depending on the drying time, you can remove the masking tape once the adhesive has fully set.



Mounting Clip Installation Guide



Mounting to Clips

Place the tube over all the clips. Press it down until it snaps into the spring-loaded section of each clip. Ensure that the tube is securely fastened in all clips, especially the fixed clip.

