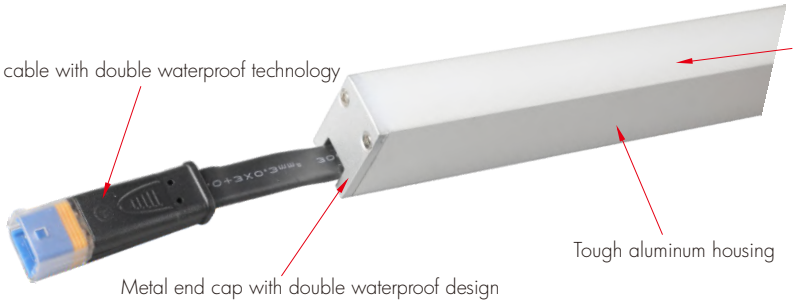
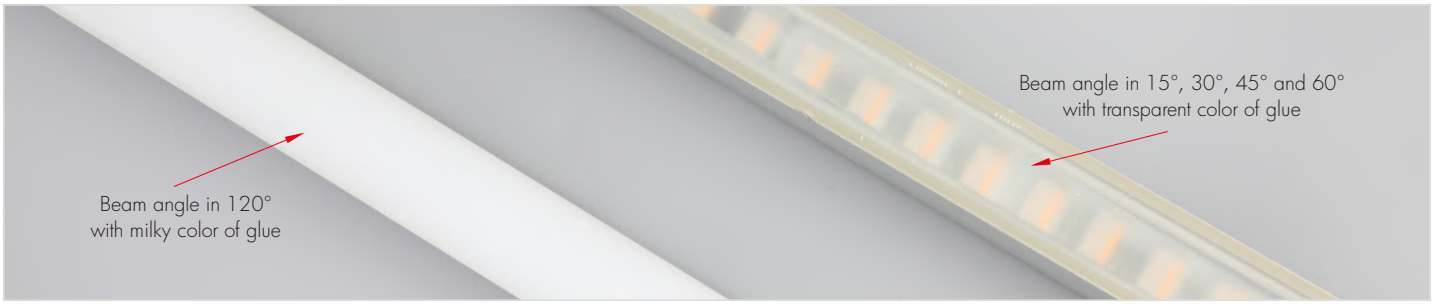
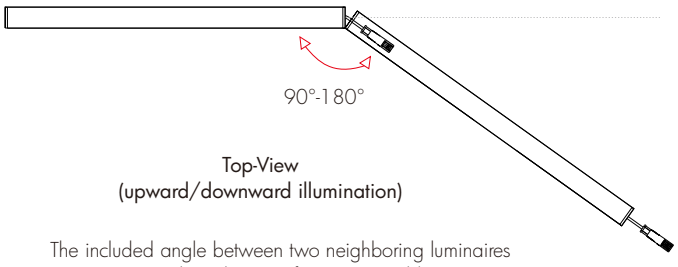
# Characteristic Description

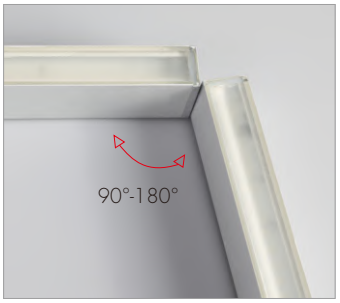


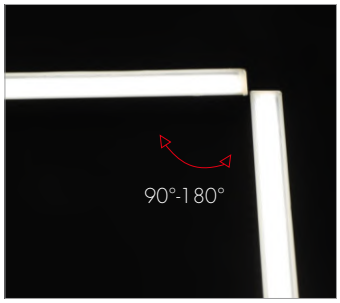



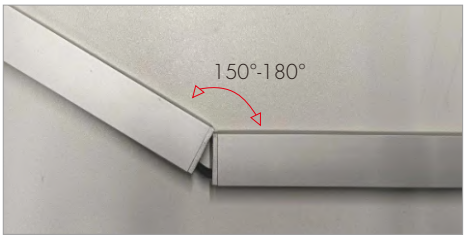

Top-View
(upward/downward illumination)

The included angle between two neighboring luminaires is 90°-180° without the use of extension cable.
Do not lower angles to avoid placing stress on cable.



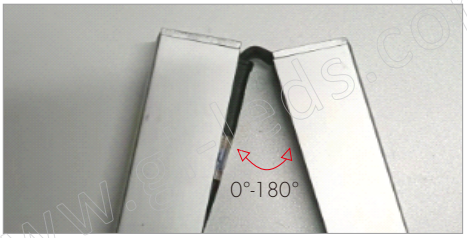




Side-View
(inward illumination)




The included angle between two neighboring luminaires is 150°-180° without the use of extension cable.
Do not lower angles to avoid placing stress on cable.

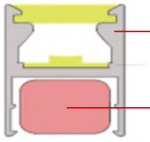
Side-View
(outward illumination)

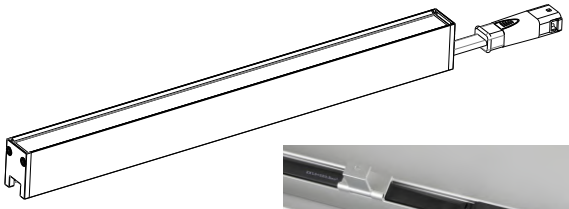



The included angle between two neighboring luminaires is 0°-180° without the use of extension cable.

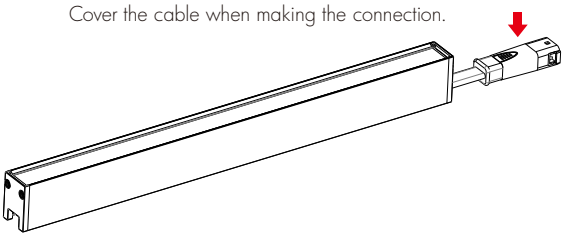
Additional remark: please consider to use suitable extension cable for lower angle or other comolex connection requirements!

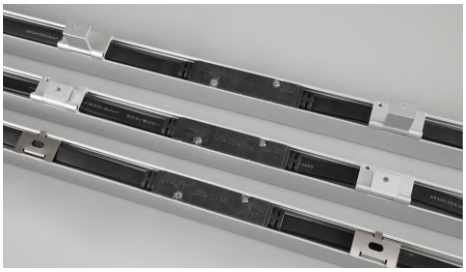
# Characteristic Description



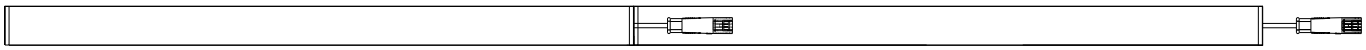



Cover the cable when making the connection.





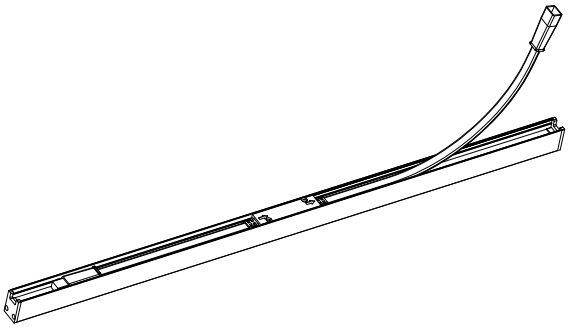
The cable can be limited and fixed inside the trunking, while applying the installation accessory.



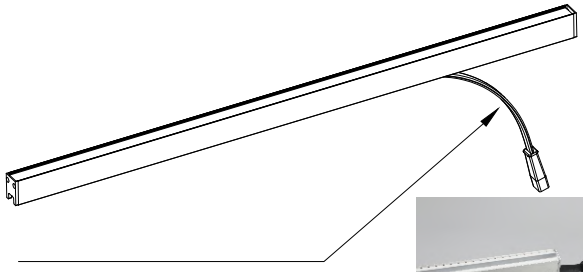
Top-View

Seamless splicing for the light, and the splicing cable is invisible by embedding in the trunking at the bottom.

Side-View



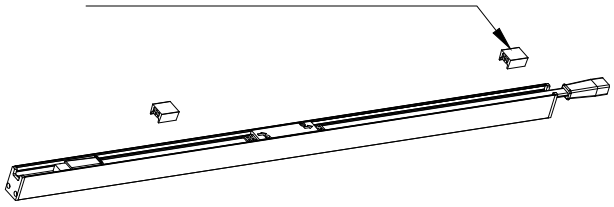
Before installing the silicone cable clamper.



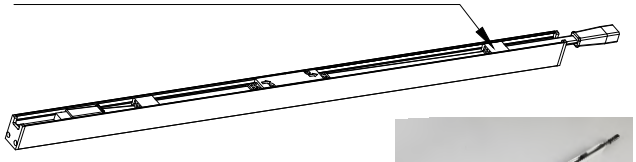
The cable will hand down and not good.

Presentation of the assembled effect

Press the silicone cable clamper into the trunking.



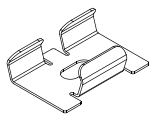
The cable is clamped tightly and will not hang down.

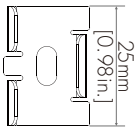


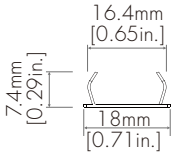
Presentation of the assembled effect

# Installation Accessory

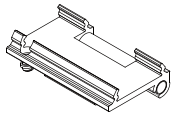
① Stainless bracket + Screw

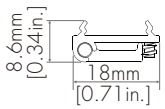


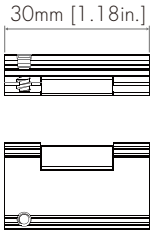


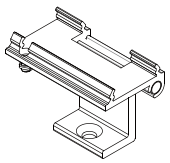

② 90° rotatable bracket with limit screw + Screw

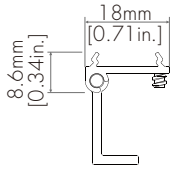


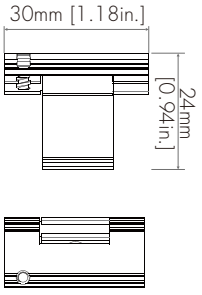


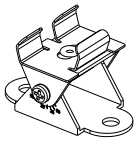

③ 180° rotatable bracket with limit screw + Screw

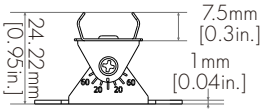


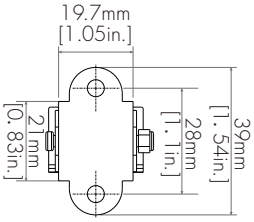


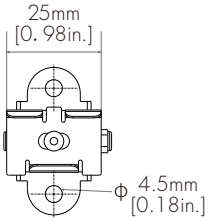




④ 120° rotatable bracket with fastening screw and angle scale



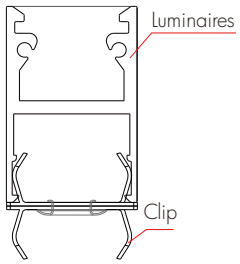


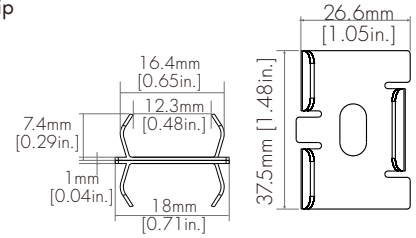



# Installation Accessory

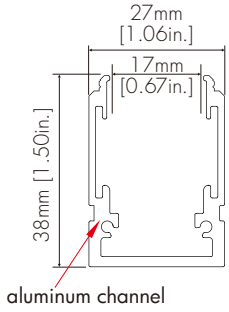
## ⑤ Embedded aluminum channel with end cap (in-wall installation)



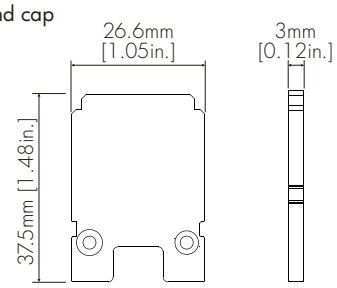

clip



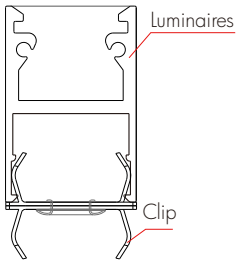

aluminum channel



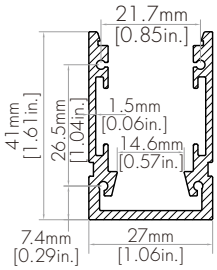

end cap



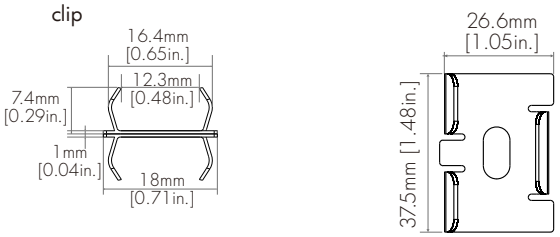

## ⑥ Embedded aluminum channel with clip, cover and end cap (underground installation)



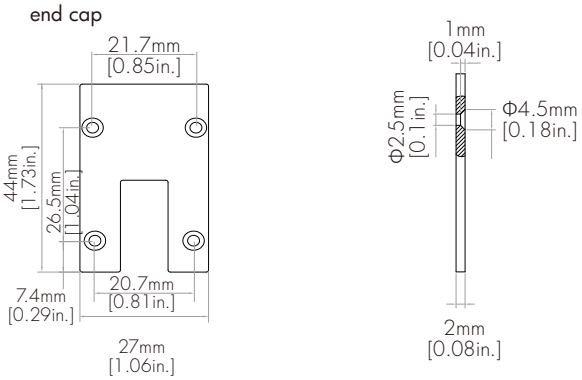

aluminum channel



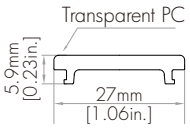

clip



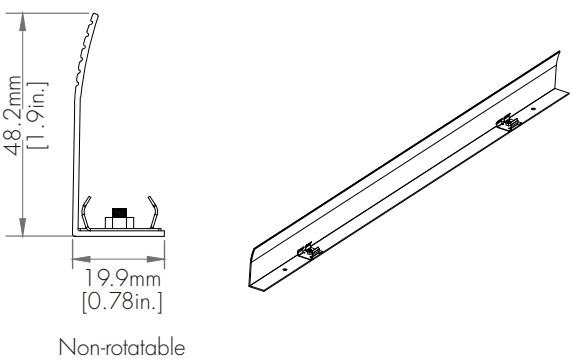

end cap




cover

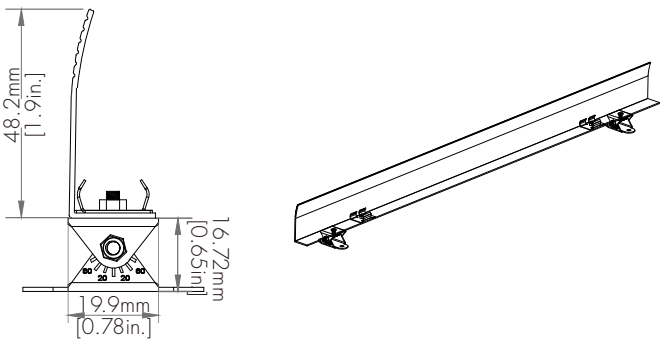



## ⑦ Non rotatable anti-glare shield + screw



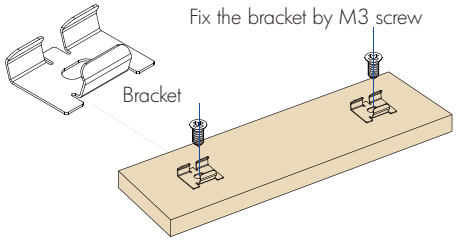

Non-rotatable

## ⑧ 120° rotatable anti-glare shield + screw

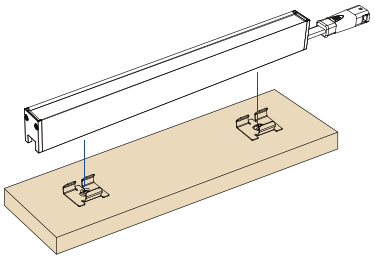


# Installation

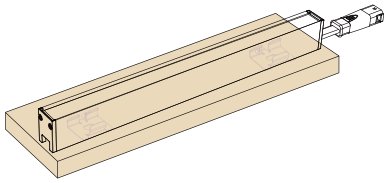
① Stainless bracket




(2pcs for 1M[3.28ft.] length luminaires is advised.)

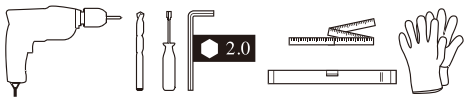


Fix the luminaires by pressing it to the bracket.

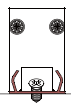


Adjust and complete.

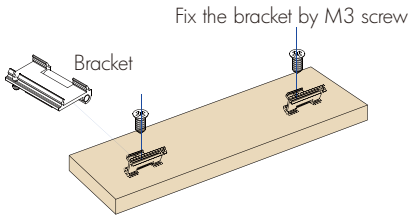
Tool



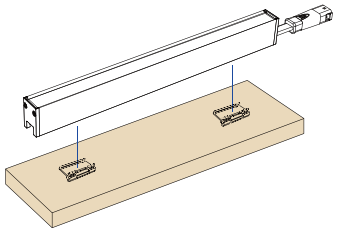

Sectional view after installation



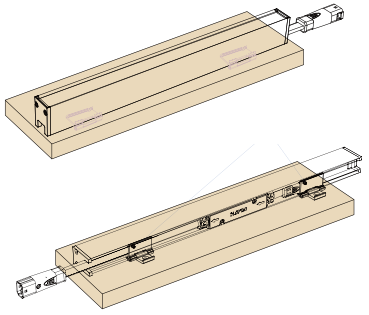
② 90° rotatable bracket




(2pcs for 1M[3.28ft.] length luminaires is advised.)

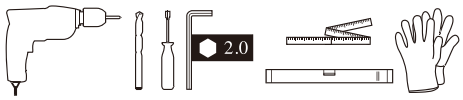


Fix the luminaires by pressing it to the bracket.

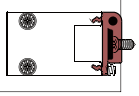


Adjust, lock the limit screw and complete

Tool

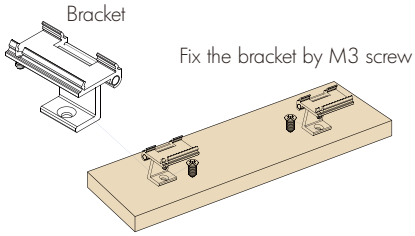



Sectional view after installation

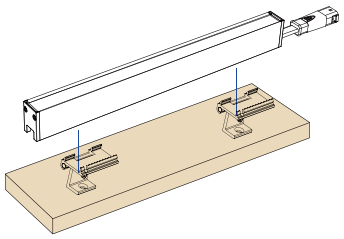


# Installation

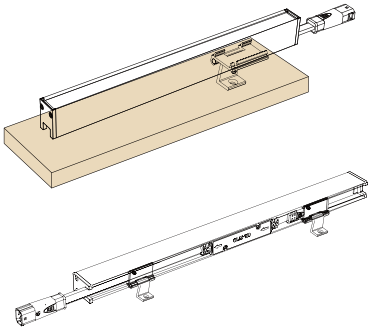
③ 180° rotatable bracket




(2pcs for 1M[3.28ft.] length luminaires is advised.)

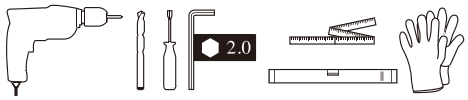


Fix the luminaires by pressing it to the bracket.

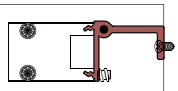


Adjust, lock the limit screw and complete

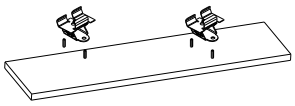
Tool



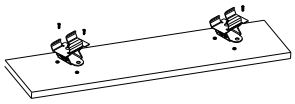

Sectional view after installation



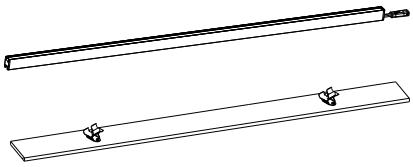
④ 120° rotatable bracket



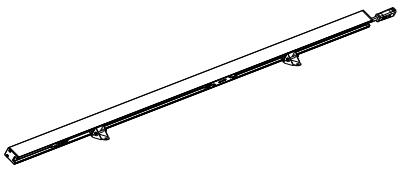
Locate the location on the mounting surface where the luminaires is to be installed, drill holes and insert the expanded rubber particle.



Fix the bracket into the expanded rubber particle by screw.
(2pcs for 1M[3.28ft.] length luminaires is advised.)

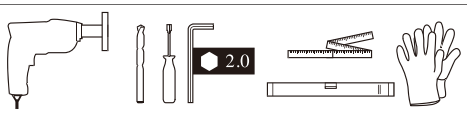


Fix the luminaires by pressing it to the bracket.

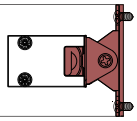


Adjust the luminaires to a desired angle, and then lock the luminaires by fastening screw finally.

Tool

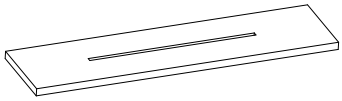



Sectional view after installation

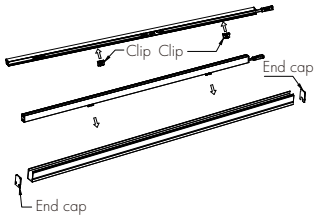


# Installation

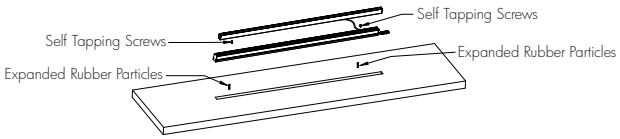
## ⑤ Embedded aluminum channel (in-wall installation)



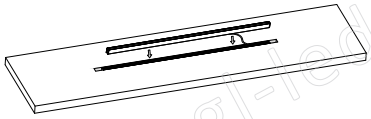
Make a groove on the wall with a size of W30*H38mm[W1.2*H1.5in.]




Fix the clip onto the luminaires, then thread the power cable of luminaires through the end cap and tighten both end caps with screws. Attention: At this time, the luminaires does not need to be inserted into the embedded aluminum channel.




Place the embedded aluminum channel into the groove, mark the corresponding hole position on the embedded aluminum channel, and then remove the embedded aluminum channel and make a hole at the marked position on the groove.
Next, insert the expanded rubber particles into the hole, insert the embedded aluminum channel into the groove again, and finally lock the screws to fix the embedded aluminum channel.



Insert the luminaires into the embedded aluminum channel, and seal it on the surface of the luminaires with adhesive tape for protection.
Then, fill the gaps around the embedded aluminum channel with solidified material, and after it dries completely, tear off the adhesive tape to complete the work.

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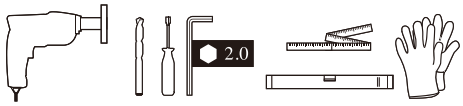
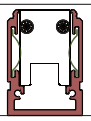
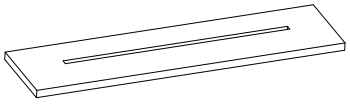
Tool



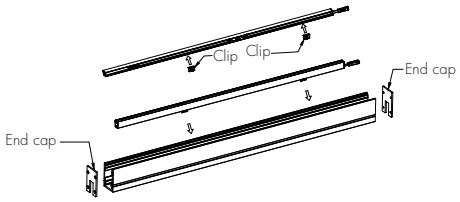

Sectional view after installation



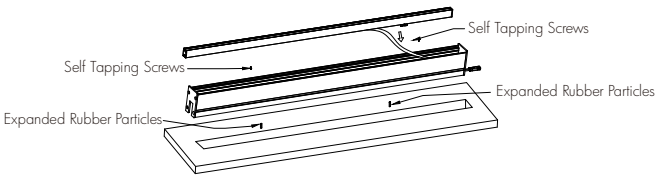
## ⑥ Embedded aluminum channel (underground installation)



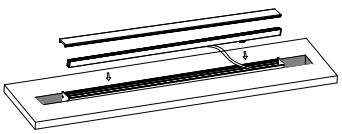
Make a groove on the ground with a size of W30*H44mm[W1.2*H1.7in.]




Fix the clip onto the luminaires, then thread the power cable of luminaires through the end cap and tighten both end caps with screws. Attention: At this time, the luminaires does not need to be inserted into the embedded aluminum channel.

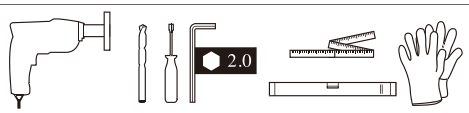



Place the embedded aluminum channel into the groove, mark the corresponding hole position on the embedded aluminum channel, and then remove the embedded aluminum channel and make a hole at the marked position on the groove.
Next, insert the expanded rubber particles into the hole, insert the embedded aluminum channel into the groove again, and finally lock the screws to fix the embedded aluminum channel.

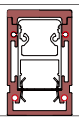


Insert the luminaires into the embedded aluminum channel, and seal it on the surface of the luminaires with cover for protection.
Then, fill the gaps around the embedded aluminum channel with solidified material and after it dries completely, remove the cover and replace it with a new one to complete the work.

Tool

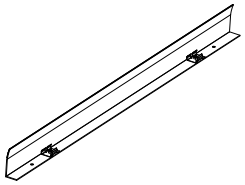



Sectional view after installation

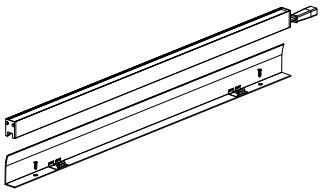


# Installation

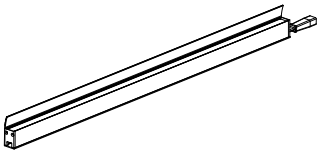
## ⑦ Non rotatable anti-glare shield



Take out the glare shield that has already been fitted with brackets.

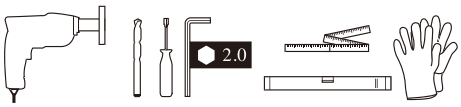


Fix the non rotatable glare shield to the mounting surface by screw, and then buckle the luminaires to the bracket.

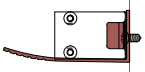


Adjust the position of the luminaires and complete.

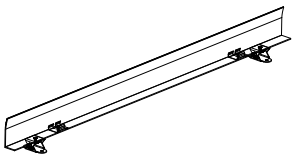
Tool



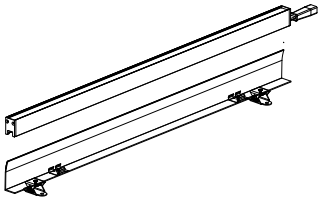

Sectional view after installation



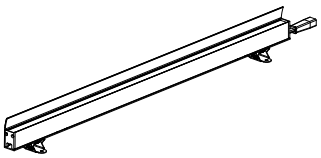
## ⑧ 120° rotatable anti-glare shield



Take out the glare shield that has already been fitted with brackets and 120° rotatable brackets.

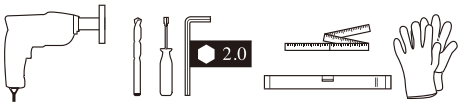


Fix the 120° rotatable glare shield to the mounting surface by screw, and then buckle the luminaires to the bracket.

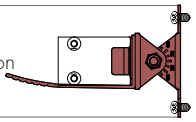


Adjust the position and angle of the luminaires, and then lock the luminaires by fastening screw finally.

Tool




Sectional view after installation



# Connection (White)

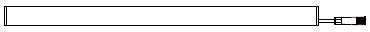
Color identification of cable (White non-dimmable)

Power cable color

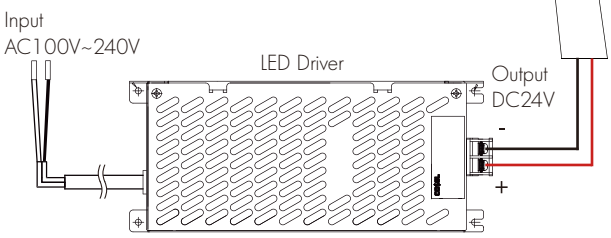
+: Red

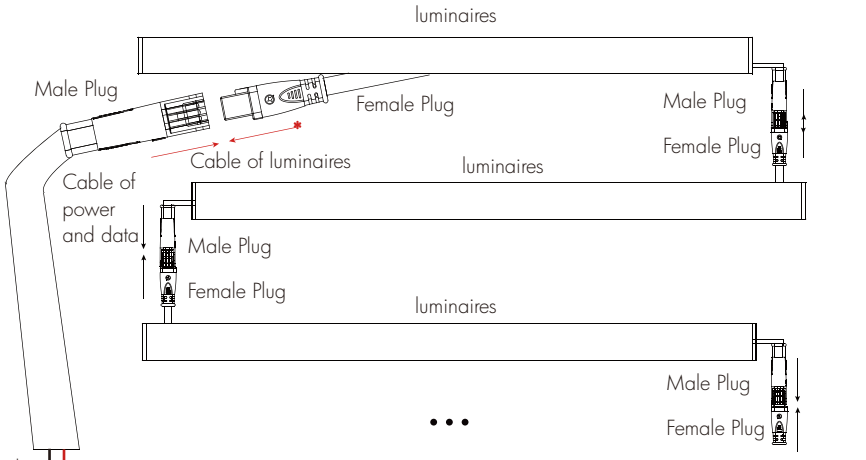
-: Black

Splicing precautions



Make parallel connection for the power, while the splicing length is exceed 10M[32.8ft.] in one string, by using the extension cable with branched power cable.




Notice: Use the female plug with end cap, to seal the male terminal of the last luminaires.

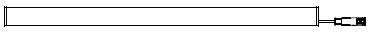
Color identification of cable (White dimmable)

Power cable color

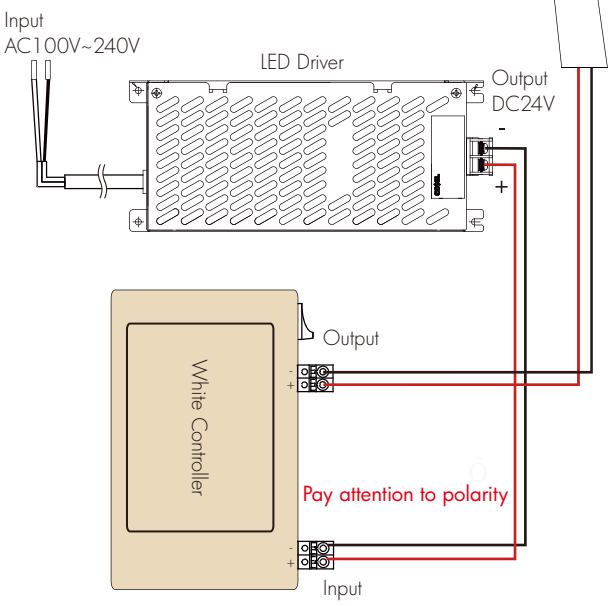
+: Red

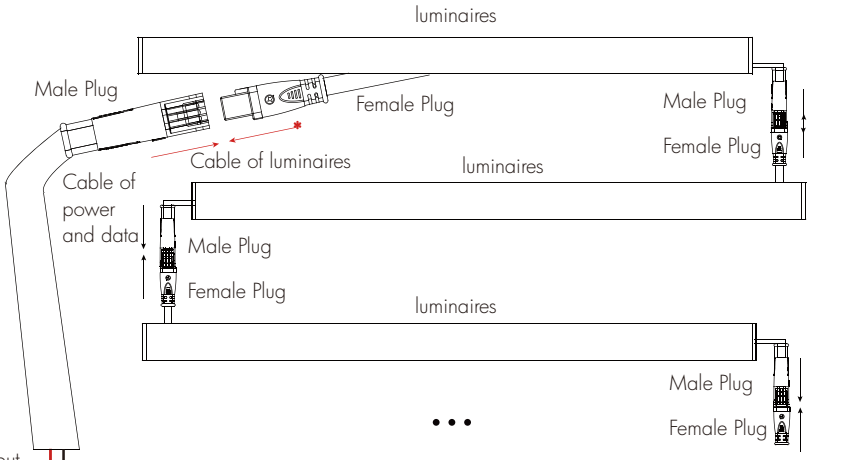
-: Black

Splicing precautions



Make parallel connection for the power, while the splicing length is exceed 10M[32.8ft.] in one string, by using the extension cable with branched power cable.




Notice: Use the female plug with end cap, to seal the male terminal of the last luminaires.

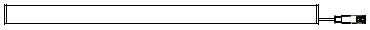
# Connection (RGBW)

Color identification of cable (RGBW)

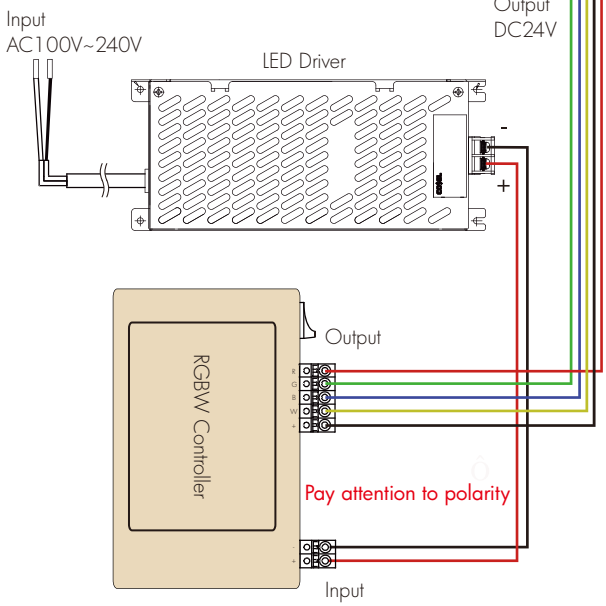
Power cable color

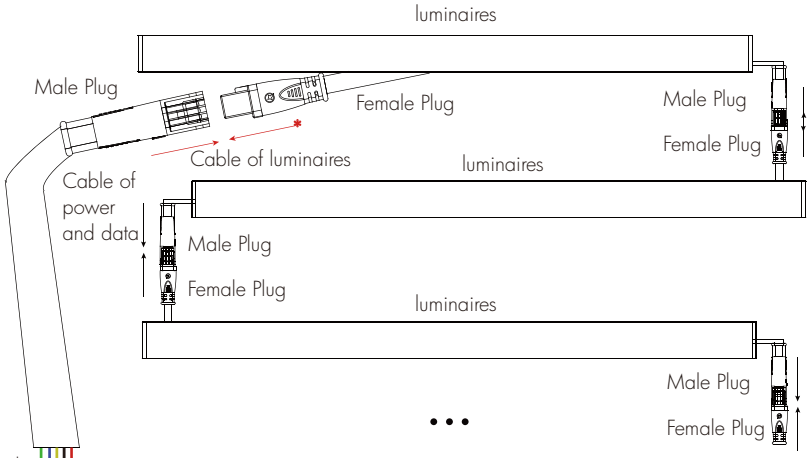
- +: Black
- R: Red
- G:Green
- B: Blue
- W: Yellow

Splicing precautions



Make parallel connection for the power, while the splicing length is exceed 10M[32.8ft.] in one string, by using the extension cable with branched power cable.




Notice: Use the female plug with end cap, to seal the male terminal of the last luminaires.

# Connection (DMX RGBW)

Color identification of cable (DMX RGBW)

Power cable color

+ Red

- Black

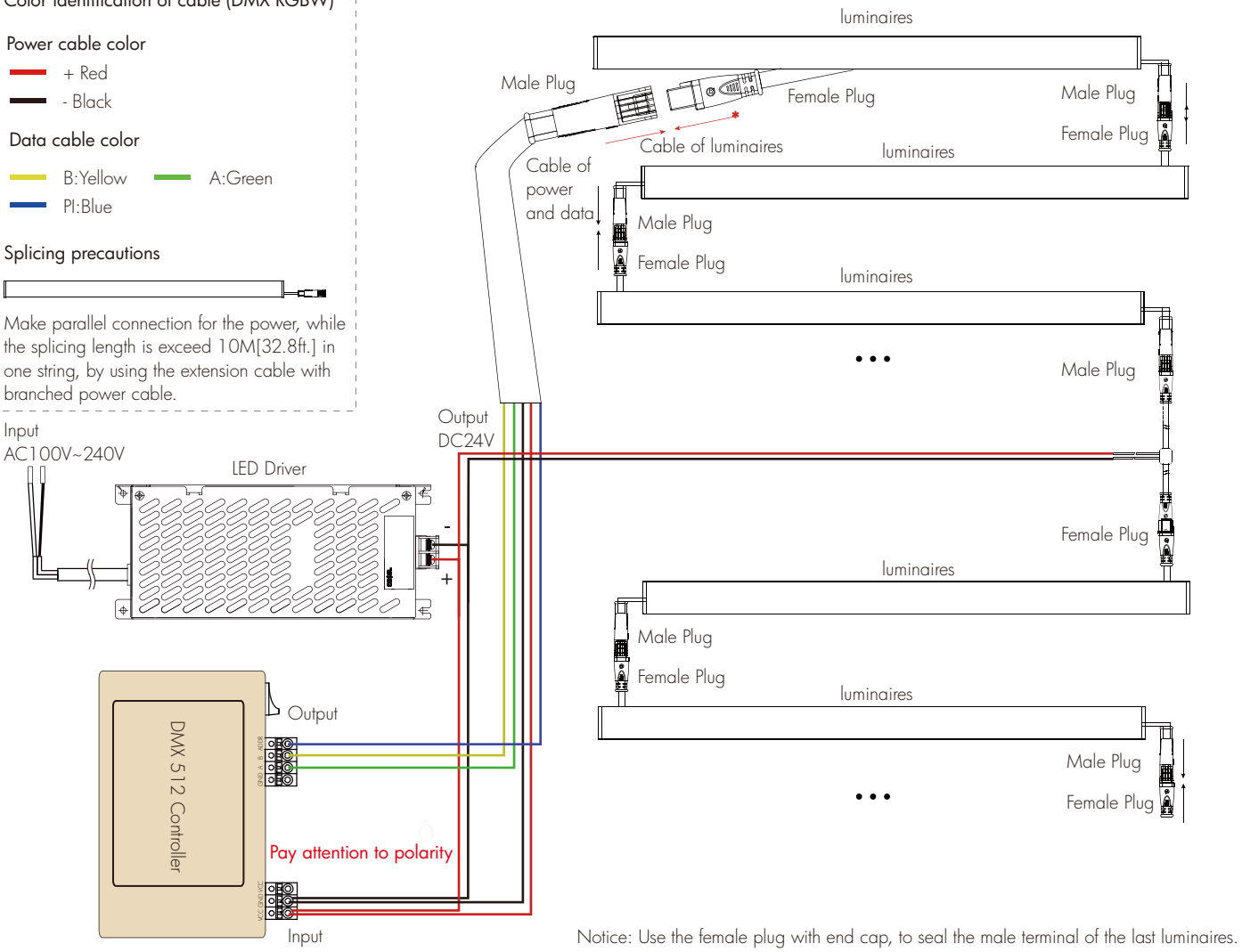
Data cable color

B:Yellow A:Green

PI:Blue

Splicing precautions

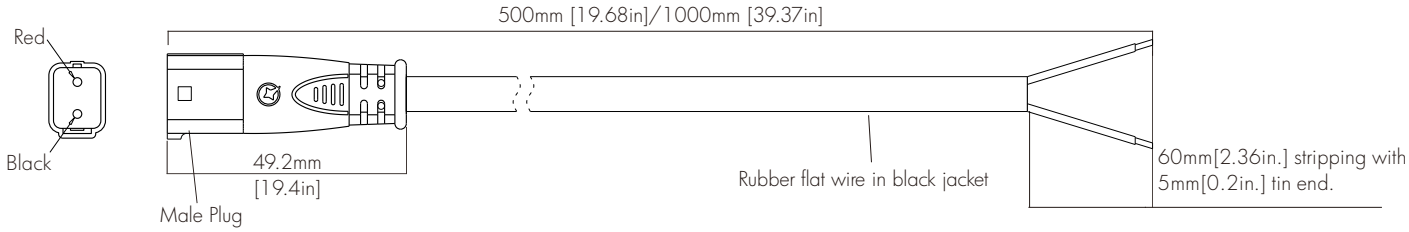
Make parallel connection for the power, while the splicing length is exceed 10M[32.8ft.] in one string, by using the extension cable with branched power cable.



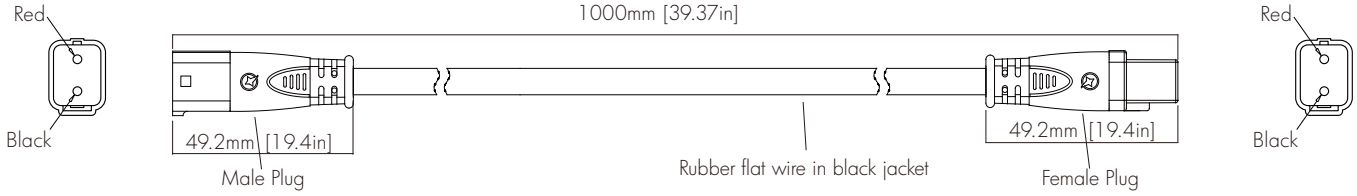

Notice: Use the female plug with end cap, to seal the male terminal of the last luminaires.

# Waterproof Cable (White)

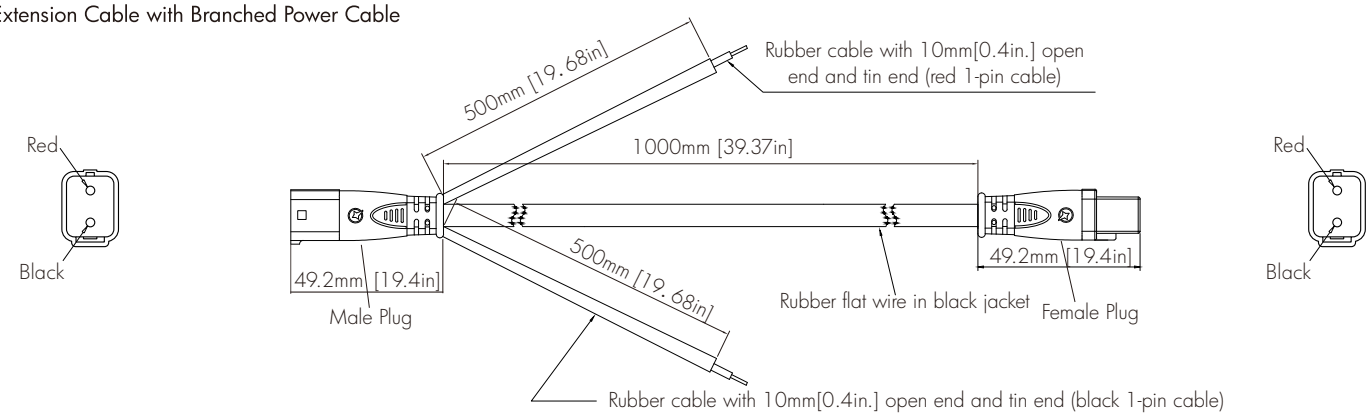
Power Cable in 0.5M[1.64ft.]/1M[3.28ft.]



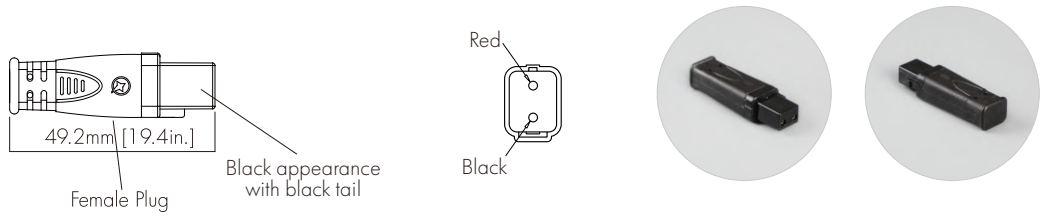

Extension Cable in 1M[3.28ft.]




Extension Cable with Branched Power Cable




Female Plug without Cable as End Cap




Color identification of cable (White non-dimmable/ dimmable)

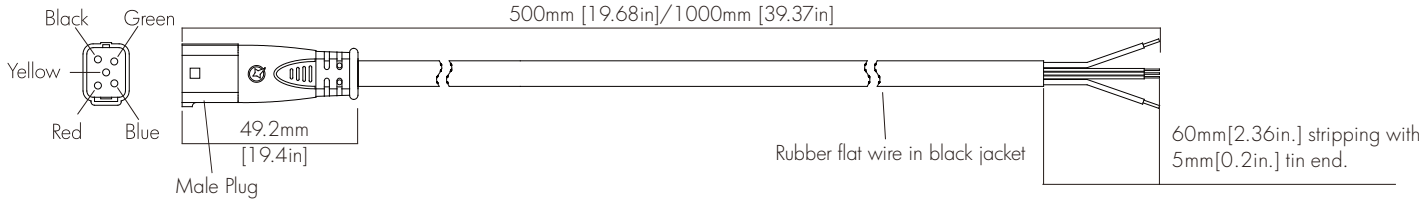
Power cable color

+: Red

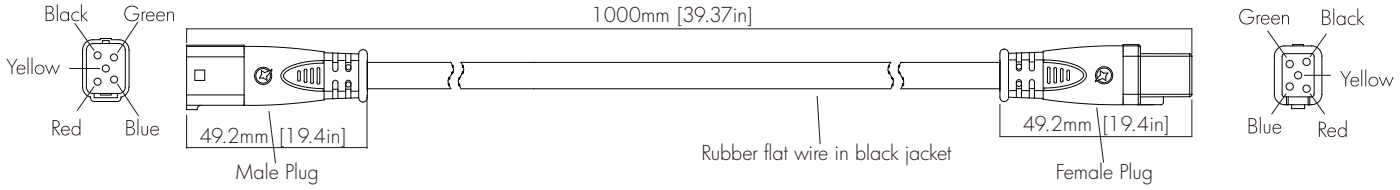
- : Black

# Waterproof Cable (RGBW)

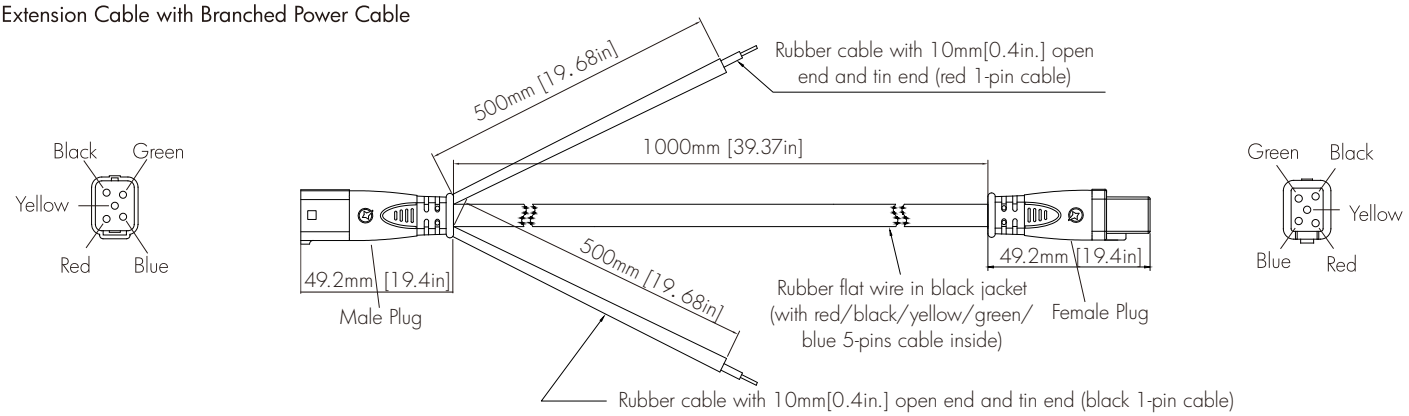
Power Cable in 0.5M[1.64ft.]/1M[3.28ft.]



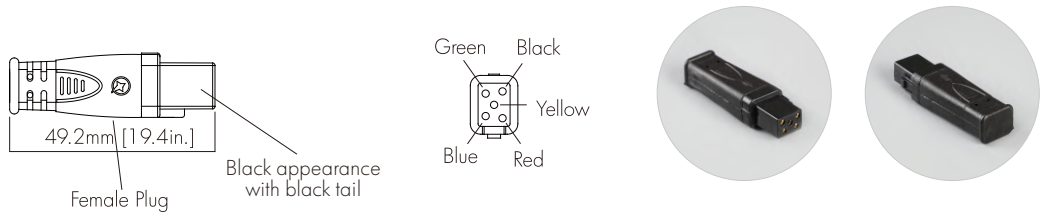

Extension Cable in 1M[3.28ft.]




Extension Cable with Branched Power Cable




Female Plug without Cable as End Cap



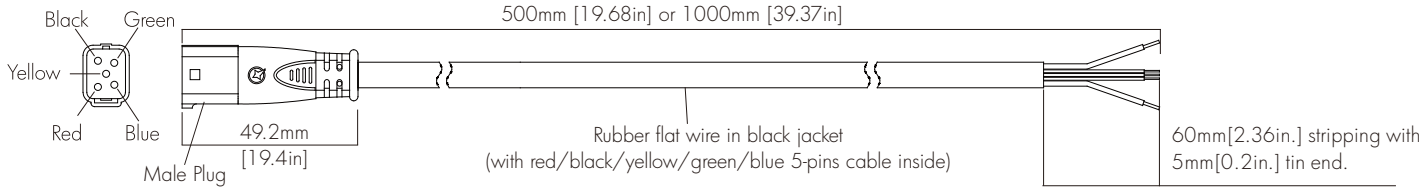

Color identification of cable (RGBW)

Power cable color

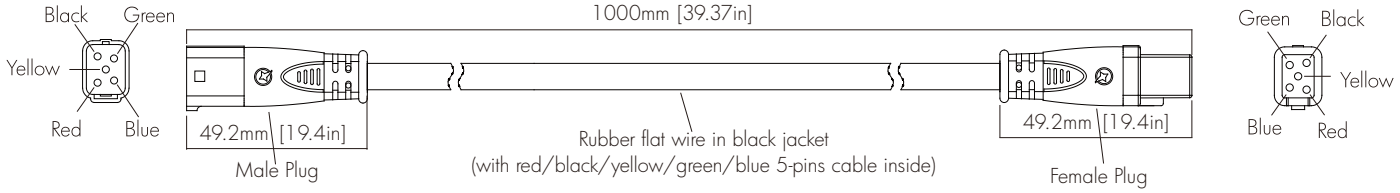
- +: Black
- R: Red
- G: Green
- B: Blue
- W: Yellow

# Waterproof Cable (DMX RGBW)

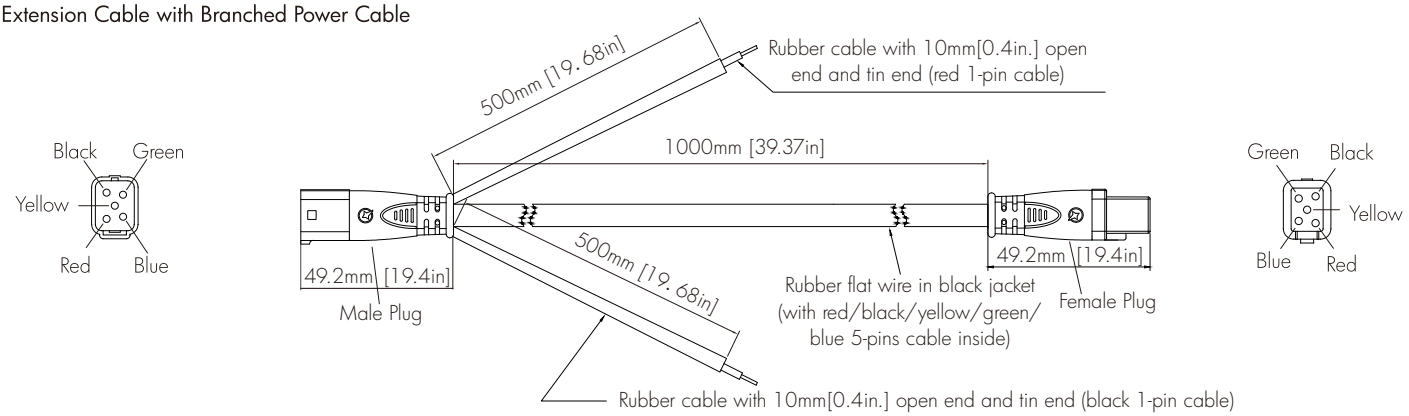
## Power Cable



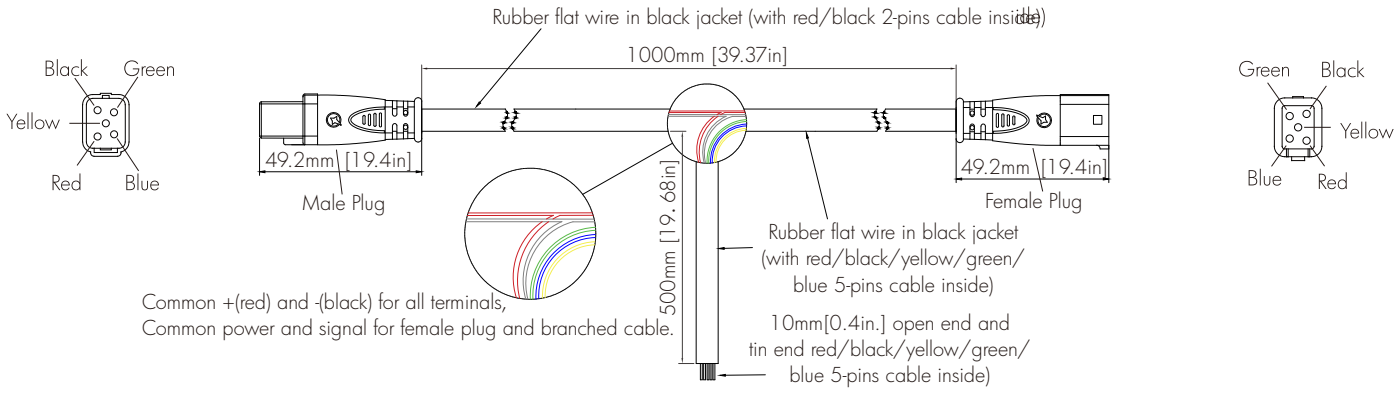

## Extension Cable




## Extension Cable with Branched Power Cable




## Extension Cable with Branched Power&Signal Cable




## Female Plug without Cable as End Cap