

A9990365 Play-XV Wallpanel 4 zone RGB-RF/DMX

- Touch Controller for wireless Receiver(s)
- Each Receiver is addressable to RF Touch-Controller
- 256 levels logarithmic dimming, smoothly without any flash
- Switch ON/OFF slowly without any flash
- Dimming range 0.1-100%

Technical Specifications:

Battery Voltage: 3VDC (Lithium Battery Cr2430)
 Input Voltage: 12-24VDC
 Output: DMX-512 & RF
 Operation Frequency: 868Mhz
 Range: 10-15 mtr
 Ta: -20° - +50°
 Tc: +75°
 Dimension L x W x H (mm): 86 x 86 x 29.1
 Weight: 0.02 Kg
 Protection: IP-20 Class II
 Approvals: CE / FCC / RoHS

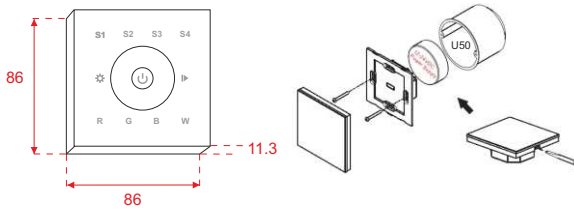
Working with a wireless RF receiver

1. short press learning key on receivers, then immediately slide touch the color wheel the led light will flash, means remote and receiver well paired.
 By this way you can pair with multiple receivers with one remote to control in sync.

The A9990365 also works as a DMX controller and can connected multiple DMX RGB(W) dimmers
 After connect the DMX dimmers with A9990365, all dimmers must be set to DMX-address 001



Dimensions in mm:



4 saving buttons: S1, S2, S3, S4 after adjust a color or effect, if you like it you can save it by hold S1 or S2 or S3 or S4 for about 2 seconds.

ON/OFF Switch.

short press to play effects, press again to pause, press again next mode, if you keep on pressing, it is effect 1--pause--effect2--pause--effect 3--pause.....
 total 10 built-in effects
 How to adjust speed when playing effect: just hold to speed up, hold it again to speed down.

Hold it to dim up, hold it again to dim down
 8 dimming levels
 dim only all RGB channels
 Not included channel W

Short press R to turn on red color, short press again to turn off it.
 Hold R to dim up red color, hold R again to dim down it.
 The same way for green or blue, by holding the G or B.
 You can adjust any color or create a mix color you like.
 By short press R, G, B one by one, you can get the RGB mixed white.

W is for the 4th channel (White)
 Short press to turn on 4th channel .
 Hold it to dim up, hold again to dim down.

A9910020 Wireless RF Receiver 4x4A constant voltage PWM-dimmer (order separately)

Designed for Home installation, Hotels, Theater, Shops where LED RGB color-changing is required

- Controlled by, RF-remote Controller
- Built-in WIFI transmitter for operation without a router
- Each Receiver is addressable to 8 zones
- Possibility to save 6-8 static, mixing colors or RGB-chase modes
- Separate control function for channel-4 (white)

Technical Specifications:

Input/Output Power: 12V-36V DC
 Max. total load: 4x4A
 4x 48W@12V
 4x 96W@24V
 4x 144W@36V

RF Operation Frequency: 868Mhz
 Range: +/-15 mtr
 Ta: -20° - +50° Tc: +75°
 Dimension L x W x H (mm): 178 x 56 x 21
 Weight: 0.144 Kg
 Protection: IP-20 Class II
 Approvals: CE / FCC / RoHS



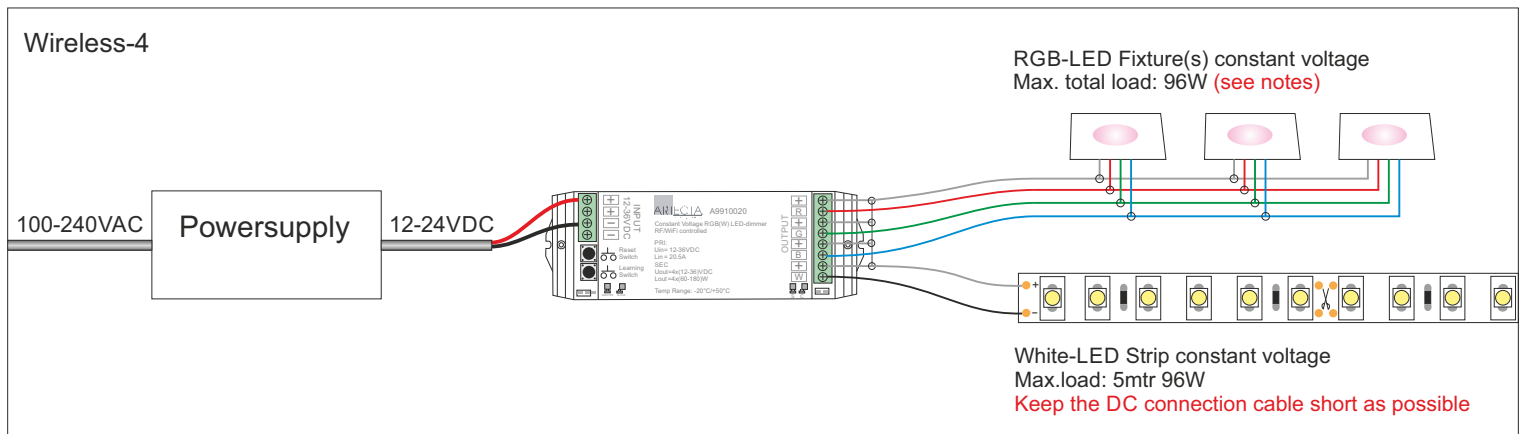
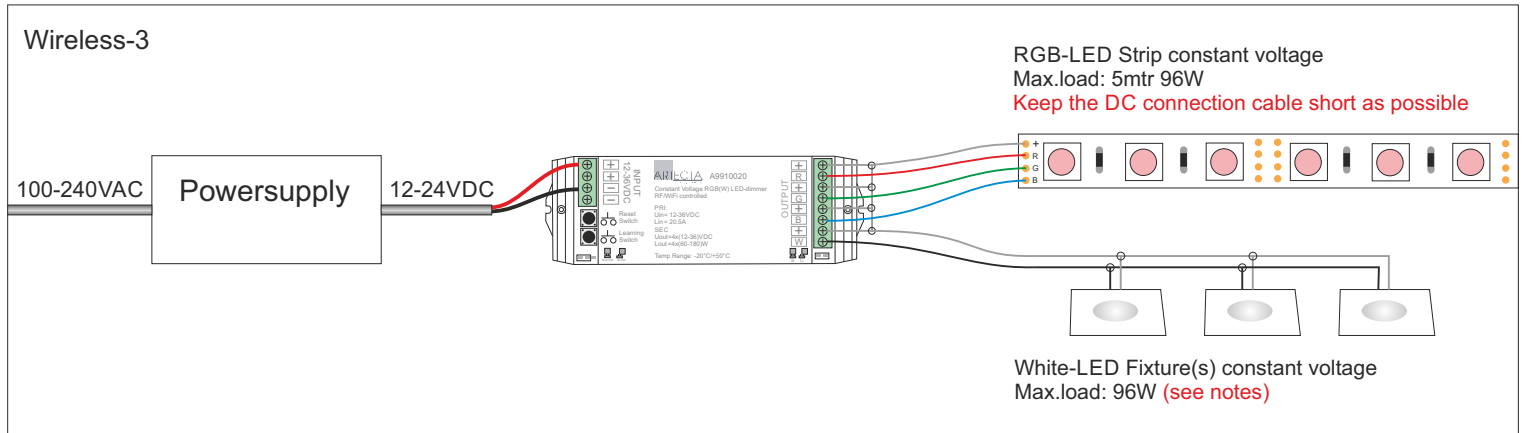
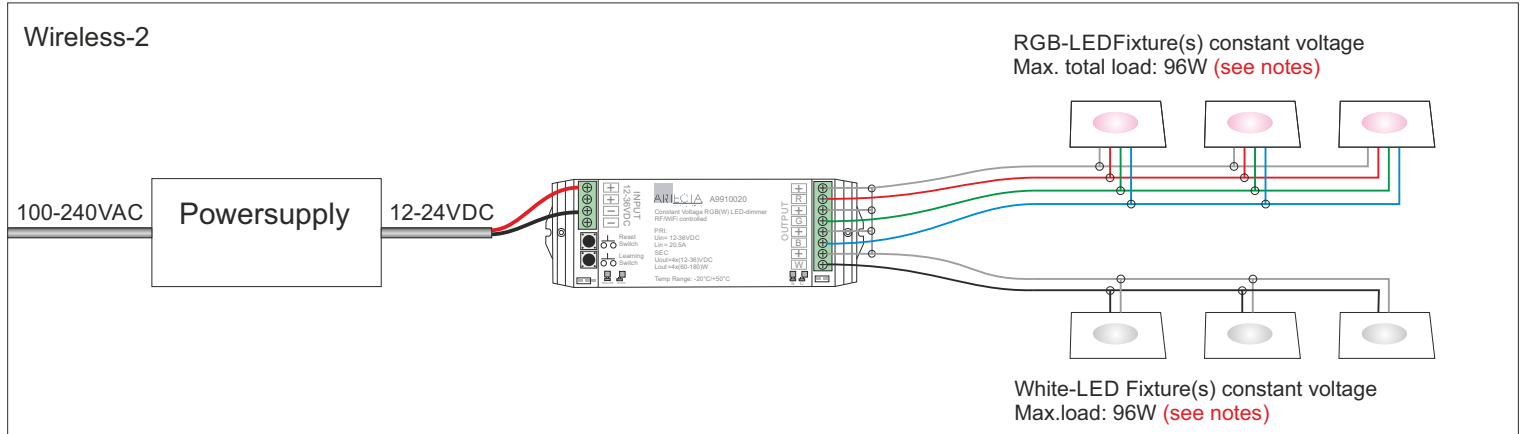
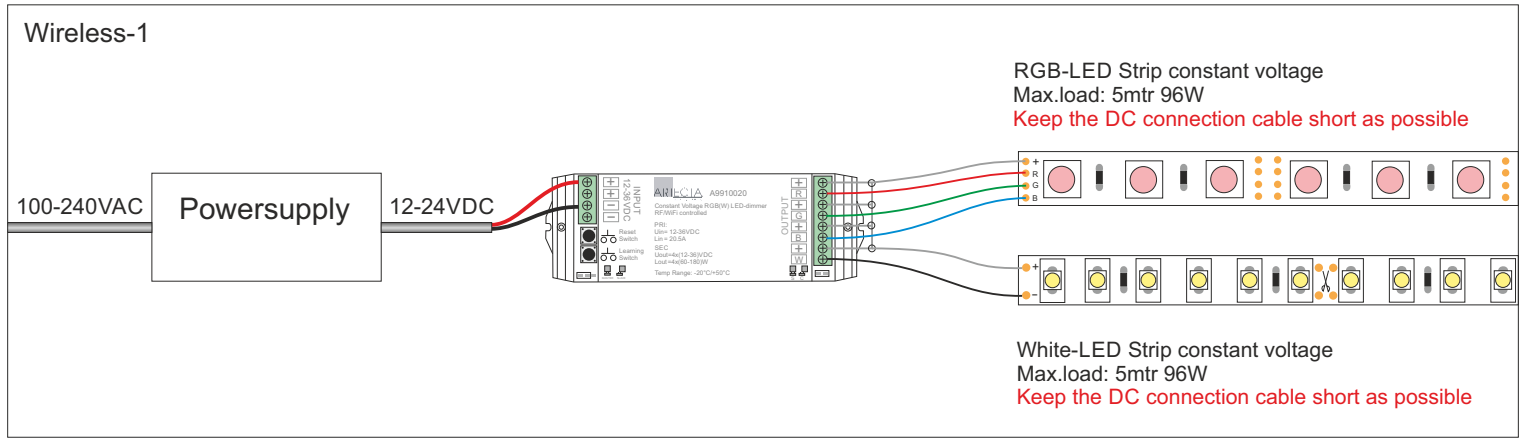
Available RF wireless hand-remote control:

A9990370 (order separately)

synchronously control with wall mounted touch controller

- control up to 6 zones with 6 scenes at each zone
 - preset 10 changing modes, with pause function
 - Synchronization function of pattern changes ensure consistent change forever.
 - Control synchronously with installed software on iphone, ipad, android.
 - enable to dim or mix colour of each R, G, B, W Channel
- Dimension L x W x H (mm): 140 x 86 x 29.1 mm
 Weight: 0.09 Kg





Notes:

UK
The thickness of the 24V DC cable depends on the total cable length and total power consumption of all connected fixtures. (See page 3)

D
Der Durchmesser des 24V DC-Kabels hängt von der Gesamtlänge des Kabels und der gesamten Leistungsaufnahme aller angeschlossenen Geräte ab. (Siehe Seite 5)

ES
La sección del cable de 24V DC depende de la longitud total del cable y el consumo de energía total de todas las luminarias (véase la página 7)

NL
De diameter van de 24V DC-kabel is afhankelijk van de totale lengte van de kabel en het totale stroomverbruik van alle verbonden toestellen. (zie tabel op pagina 4)

FR
Le diamètre du câble d'alimentation 24V DC dépend de la longueur totale du câble et la consommation électrique totale de tous les périphériques connectés. (voir page 6)

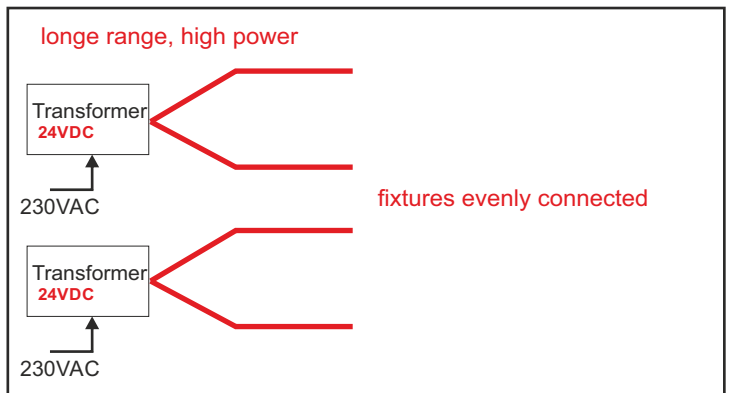
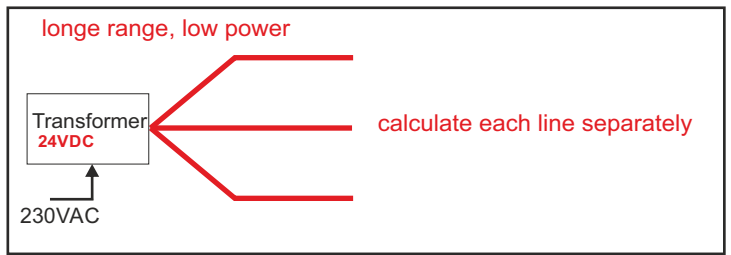
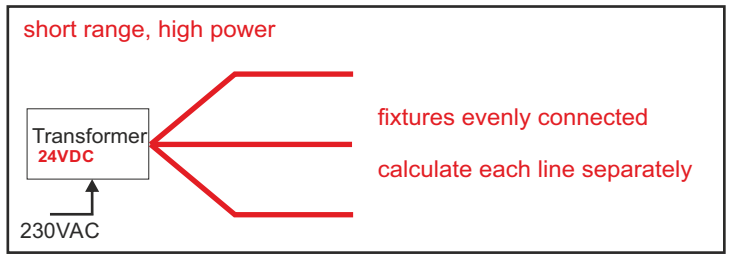
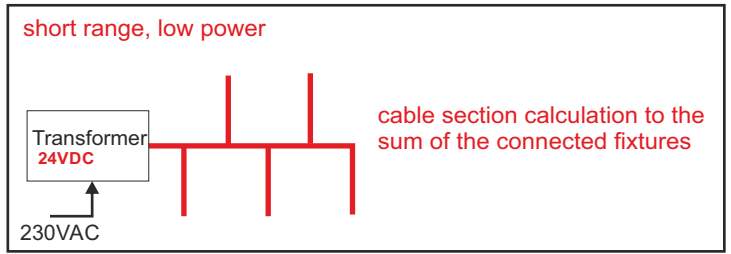
IT
Il diametro del cavo 24V DC dipende dalla lunghezza totale del cavo e il consumo di energia totale di tutti apparecchi collegati

Recommended cable conductor surface (mm²) with cable lengths of 1-50 meters. for parallel connected 24 volt LED fixtures.

Note; This table is an obligation and not a binding opinion. If necessary, make a electrical resistance calculation ($Pouillet A \times R = p \times l$)

24 Volt		Cable inner conductor 1.5mm ²					Cable inner conductor 2.5mm ²					Cable inner conductor 4mm ²				
		Watt	24	48	72	96	120	144	168	192	216	240	264	288	312	336
Kabel- lengte (m)	Ampere	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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- As much as possible shortest path for the 24V cables
- Branching cables without interrupting the main cable
- Transformer must be placed in centre of the connected fixtures
- Polarity: positive (+) = red or brown, minus (-) = black or blue
- Transformer-capacity 25% greater than the sum of conected fixtures



Geadviseerd kabelgeleider-oppervlak (mm²) bij kabellengtes van 1-50 mtr. voor 24 Volt parallel aangesloten LED armaturen.

Note; Deze tabel is een vrijblijvend en geen dwingend advies. Maak indien nodig een berekening van elektrische weerstand en geleidbaarheid met de wet van Pouillet ($A \times R = p \times l$)

24 Volt	Kabelgeleider 1.5mm ²					Kabelgeleider 2.5mm ²					Kabelgeleider 4mm ²				
	Watt	24	48	72	96	120	144	168	192	216	240	264	288	312	336
Kabel-lengte (m) \ Ampere	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Zoveel mogelijk kortste weg voor de 24V kabels

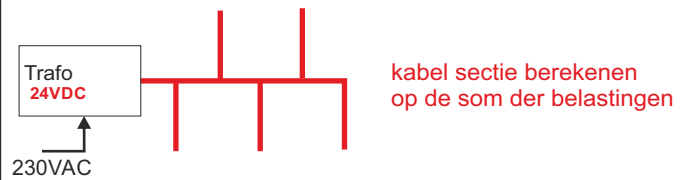
Kabels aftakken zonder de hoofdkabel te onderbreken

Trafo mogelijk in het midden plaatsen

Polariteit: plus(+) = rood of bruin, min(-) = zwart of blauw

Trafo-capaciteit 25% hoger kiezen dan de som der belastingen

korte afstanden, laag vermogen



korte afstanden, hoog vermogen



lange afstanden, laag vermogen



lange afstanden, hoog vermogen

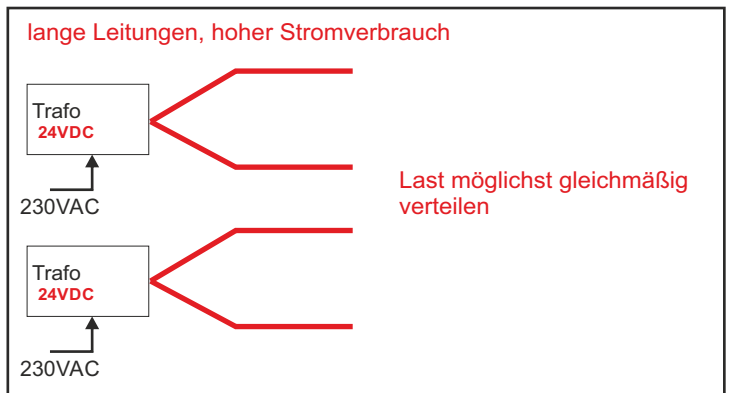
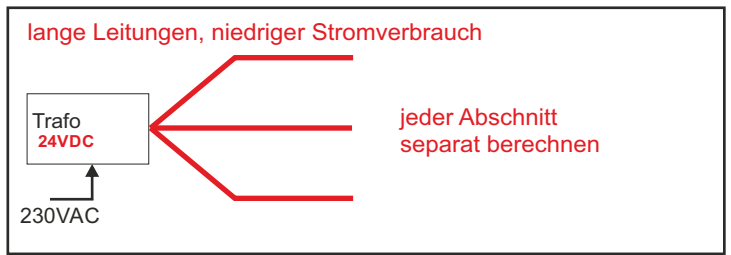
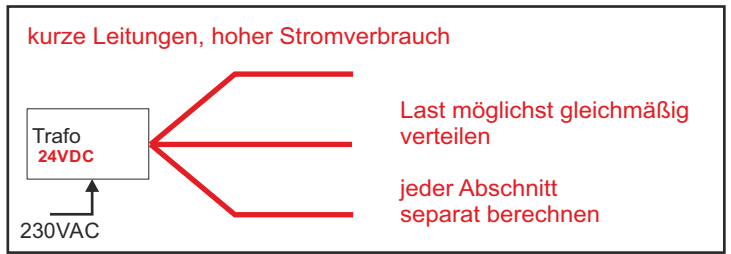
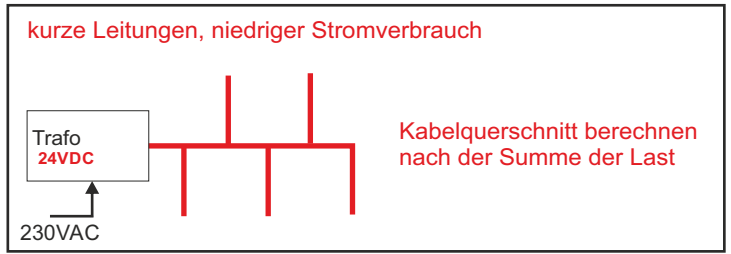


Empfohlener Querschnitt vom Kabelinnenleiter in mm² bei Kabellängen von 1-50 Meter für parallel geschaltete 24-Volt-LED-Leuchten.

Bitte beachten: Diese Tabelle ist eine unverbindliche Beratung. Falls erforderlich, eine Berechnung vom elektrischen Widerstand und Leitfähigkeit mit der Formel von Pouillet machen

24 Volt		Kabelinnenleiter 1.5mm ²					Kabelinnenleiter 2.5mm ²					Kabelinnenleiter 4mm ²				
		Leistung (Watt)					Leistung (Watt)					Leistung (Watt)				
Kabel- länge (m)	Ampere	24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
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- So viel wie möglich dem kürzesten Weg für die 24V-Leitungen
- Kabel abzweigen ohne Unterbrechung der Hauptleitung
- Trafo wenn möglich in der Mitte montieren
- Polarität: positiv(+) = rot oder braun, minus(-) = schwarz oder blau
- Trafo-Kapazität immer 25% größer wählen als die Summe der Last

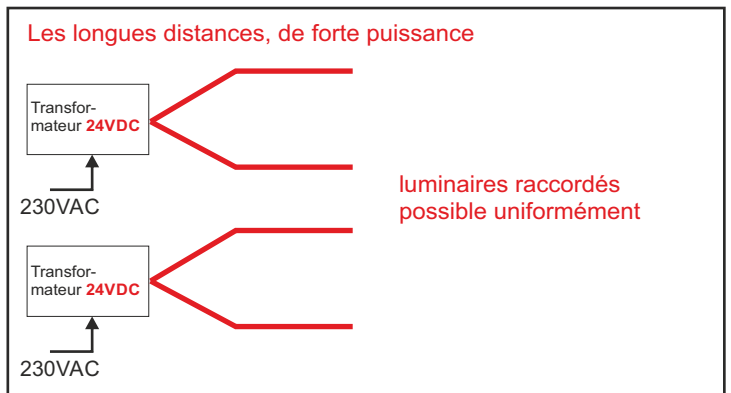
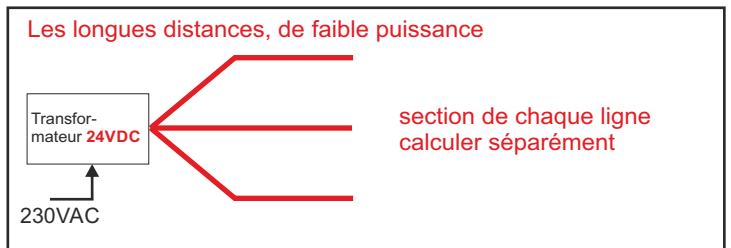
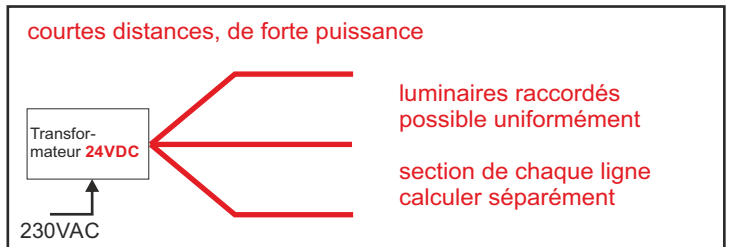
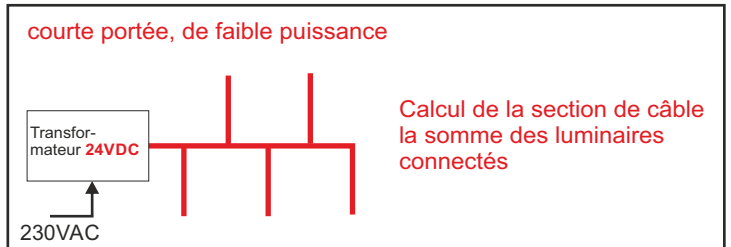


Surface recommandée conducteur de câble (mm²) 1-50 m longueurs de câble. connectés en parallèle pour 24 volts luminaires à LED.

Remarque, Ce tableau est un des conseils informels et non contraignants. Si nécessaire, un calcul de résistance électrique et la conductivité avec la loi de Pouillet ($A \times R = p \times l$)

24 Volts		Conducteur de câble 1.5mm ²					Conducteur de câble 2.5mm ²					Conducteur de câble 4mm ²				
		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Kabel- länge (m)	Ampere	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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- Choisir le chemin le plus court pour les câbles 24V
- Éclaircie câbles sans interrompre le câble principal
- Transformateur peut être centrée
- Polarité: positive (+) = rouge ou brun, moins (-) = noir ou bleu
- Transformateur-capacité de 25% de plus que de choisir la charge
- LED-lampes Parallèlement interrupteur



Sección de cable recomendada en mm² con longitudes de cable 1-50 metros. para conectar en paralelo de 24 voltios LED fixtures.

Note; Este cuadro es un consejo informal y no vinculante. Si es necesario, un cálculo de resistencia eléctrica y la conductividad con la ley de Pouillet ($A \times R = p \times l$)

24 Voltios	Sección de cable 1.5mm ²					Sección de cable 2.5mm ²					Sección de cable 4mm ²				
	Watt	24	48	72	96	120	144	168	192	216	240	264	288	312	336
Kabel-lengte (m) \ Ampere	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Intente utilizar la mínima distancia de cable en líneas de 24V.

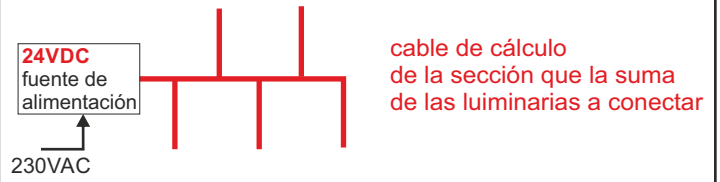
Intente utilizar una línea principal sin cortarlo y sacar de él derivaciones individuales

Si es posible coloque la fuente de alimentación en el centro de la línea [principal de distribución]

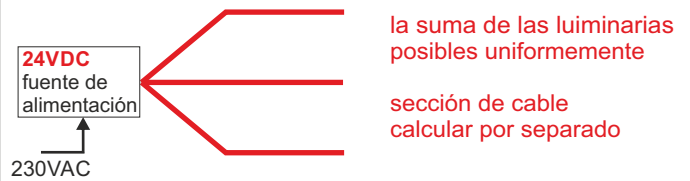
Polaridad: positivo (+) = rojo o marrón, negativo (-) = negro o azul

La fuente de alimentación debe ser 25% mayor que la suma de las luminarias a conectar

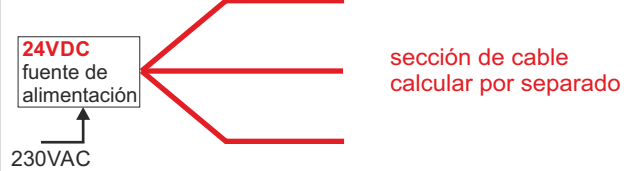
distancias cortas, de baja potencia



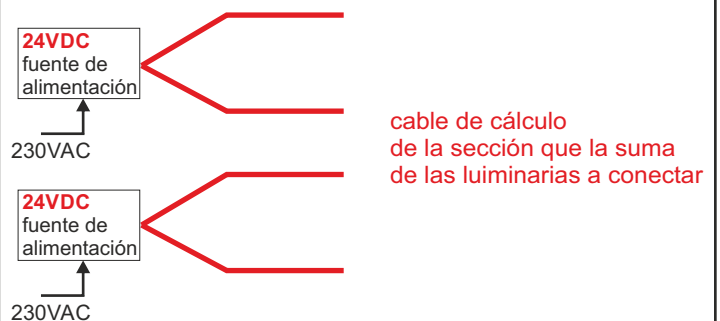
distancias cortas, de alta potencia



distancias largas, de baja potencia



distancias largas, de alta potencia



Sezione (mm²) raccomandata dei cavi con lunghezza da 1m a 50m per apparecchiature LED a 24V collegate in parallelo.

Nota: questa tabella indica valori tassativi, non solo suggerimenti.

Se necessario, sviluppare un calcolo di resistenza elettrica ($Pouillet A \times R = p \times l$)

24 Volt	Condotore interno del cavo 1.5mm ²					Condotore interno del cavo 2.5mm ²					Condotore interno del cavo 4mm ²				
	Watt	24	48	72	96	120	144	168	192	216	240	264	288	312	336
Lunghezza del cavo \ Ampere	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Lunghezza più breve possibile per cavi 24V

Derivare i cavi senza interrompere il cavo principale

Collocare il trasformatore al centro delle apparecchiature collegate

Polarità: positivo (+) = rosso o marrone, negativo (-) = nero o blu

Trasformatore di potenza almeno superiore al 25% della somma delle potenze delle apparecchiature collegate

