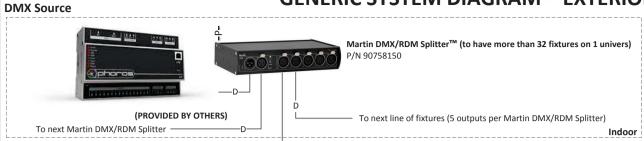
GENERIC SYSTEM DIAGRAM – EXTERIOR LINEAR SERIES





DMX C	DMX Channels							
	Std Mode	Ext Mode	CTC Mode	Ext CTC Mode	Length	Fixtures/Univers		
EL RGBW	4 ch	-	-	-	1 ft.	128 pcs		
EL RGBW	4 ch	16 ch*	-	-	4 ft.	128/32 pcs		
EL QUAD	4 ch	-	-	-	1 ft.	128 pcs		
EL QUAD	4 ch	16 ch*	-	-	4 ft.	128/32 pcs		
EL CTC	2 ch	-	3 ch	-	1 ft.	256/170 pcs		
EL CTC	2 ch	8 ch*	3 ch	12 ch*	4 ft.	128/32/170/42 pcs		

*Use extended mode for 1 ft. segment control

Exterior Linear Series generic layout						Voltage	Max. permitted length of		Increase in max. p
						voitage	fixtures in chain	cable in chain	cable if total leng
0.1	Outdoor rated Jun Must comply with (PROVIDED BY OTHE) Power + Data Inpu	local regulations	Typical half-cy 1 ft. models: 0 4 ft. models: 0	cle RMS inrusl .3 A		110-120 V	15,2m (50 ft.)	70m (230 ft.)	For every 1,5m (5 ft.) from the 15.2m (50 ft fixtures in the chain, cable to the 70m (230 length of cable in the
The maximum permitted length of cable: 70m at 120 V mains 100m at 240 V mains	P/N 91611754 (2m, E P/N 91611755 (2m, U P/N 91611156 (10m, P/N 91611157 (10m,	JS version) EU version)			ion cables are PVC type ion cables are rubber type	220-240 V	30,5m (100 ft.)	100m (328 ft.)	For every 3m (10 ft.) from the 30.5m (100 fixtures in the chain, cable to the 100m (3: length of cable in the
100m at 277 V mains		EL RGBW EL QUAD P/N 90356987 P/N 90356999 P/N 90356970 - P/N 90356980 - P/N 90356971 P/N 9035699	P/N 90356989 P/N 90356975 P/N 90356985 P/N 90356974	Length 1 ft. 4 ft. 1 ft. 4 ft. 4 ft. 1 ft.	<u>Diffuser</u> Narrow Narrow Medium Medium Wide	270 V	36,5m (120 ft.)	100m (328 ft.)	For every 3m (10 ft.) from the 36.5m (120 fixtures in the chain, cable to the 100m (32 length of cable in the
	Davier I Date Side	P/N 90356981 P/N 9035699 P/N 90356972 P/N 9035699 P/N 90356982 P/N 9035699 P/N 90356976 P/N 9035699 P/N 90356979 P/N 9035699	92 P/N 90356973 95 P/N 90356983 97 P/N 90356977 96 P/N 90356978	4 ft. 1 ft. 4 ft. 1 ft. 4 ft.	Wide Asym. Asym. Cove Cove	Power and Power condu US variant	data connector ctors: Live or L Black	Neutral or N White	Earth or Grou Green
The maximum permitted length of	P/N 91611758 (0,2m P/N 91611760 (1m, E P/N 91611162 (5m, E P/N 91611164 (10m,	U version) P/N 9161 U version) P/N 9161	1759 (0,2m, US version 1761 (1m, US version 1163 (5m, US version 1165 (10m, US version	n) n)		EU variant Data conduct	ors: Shield common	Blue Data 1 cold (-ve)	Yellow/gree Data 1 hot, (+ve) co
fixtures: 15,2m at 120 V mains 30,5m at 240 V mains 36,5m at 277 V mains		Exterior Linear Series				** Both DMX and	Copper braid (pin 1)	Red (pin 2) n Data 1 conductors. Data 2	Grey (pin 3) 2 connections are optional.
	Power + Data Extension Cable with 8-pin custom connectors (Not required if Exterior Linear are mounted end-to-end) Exterior Linear Series				Accessories: Exterior Linear 300 Series Glare Shield, set of 4, P/N 91611752 Exterior Linear 1200 Series Glare Shield, set of 4, P/N 91611753				
Install End Termination Caps on all unused						Exterior Linea	r 310/1210 QUAD Gr	aze Louvre, set of 4, P	/N 91611850
female connectors at end of chains	End Termination C P/N 91611766	ар			Outdoor				

Voltage	Max. permitt	ed length of	Increase in max. permitted total length of cable if total length of fixtures is reduced		
Voltage	fixtures in chain	cable in chain			
110-120 V	15,2m (50 ft.)	70m (230 ft.)	For every 1,5m (5 ft.) of fixtures that you remove from the 15.2m (50 ft.) maximum total length of fixtures in the chain, you can add 10m (32 ft.) of cable to the 70m (230 ft.) maximum permitted total length of cable in the chain.		
220-240 V	30,5m (100 ft.)	100m (328 ft.)	For every 3m (10 ft.) of fixtures that you remove from the 30.5m (100 ft.) maximum total length of fixtures in the chain, you can add 10m (32 ft.) of cable to the 100m (328 ft.) maximum permitted total length of cable in the chain.		
270 V	36,5m (120 ft.)	100m (328 ft.)	For every 3m (10 ft.) of fixtures that you remove from the 36.5m (120 ft.) maximum total length of fixtures in the chain, you can add 10m (32 ft.) of cable to the 100m (328 ft.) maximum permitted total length of cable in the chain.		

Power conducto	ors:				
	Live or L	Neutral or N	Earth or	Ground	
US variant	Black	White	Green		
EU variant	Brown	Blue	Yellow/green		
Data conductor	Shield	Data 1	Data 1	Data 2	Data 2
All systems	Common Copper braid	cold (-ve) Red	hot, (+ve) Grev	cold (-ve)** Green	hot, (+ve)** White
All systems	(pin 1)	(pin 2)	(pin 3)	(pin 4)	(pin 5)

Accessories:



