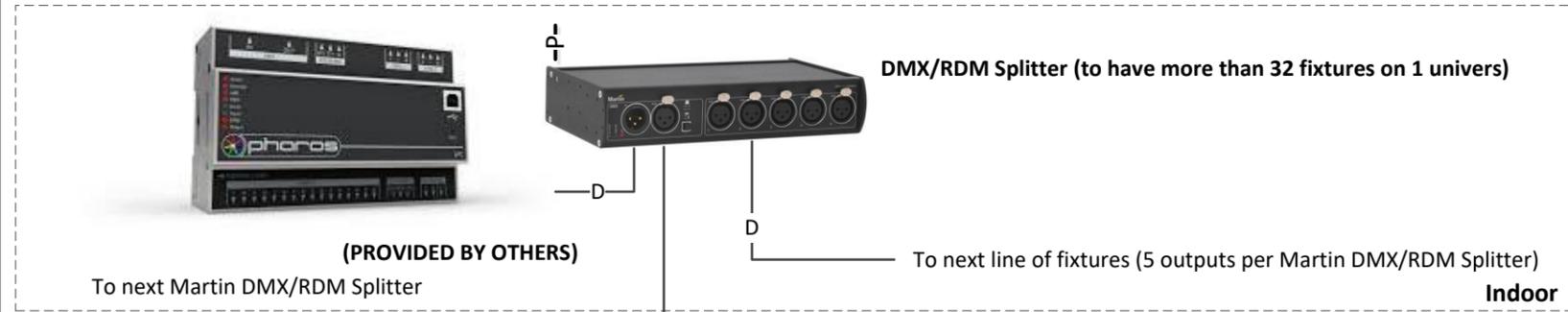


DMX Source



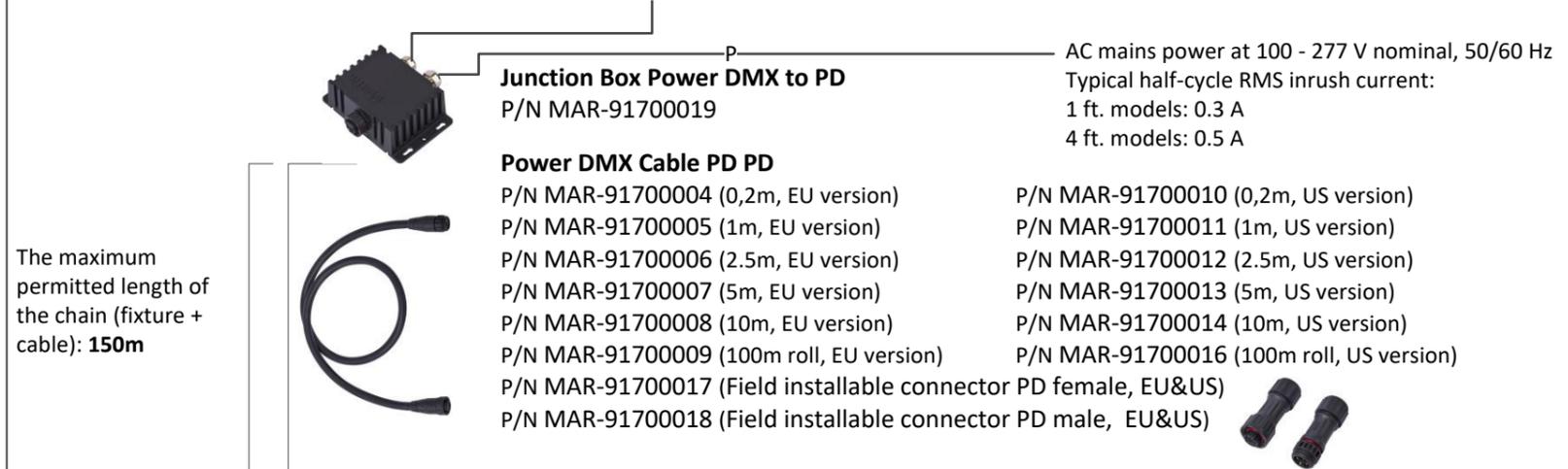
GENERIC SYSTEM DIAGRAM – EXTERIOR LINEAR PRO SERIES



DMX Channels							
	Length	RAW Mode	Std Mode	1 Seg Mode	2/4 Seg Mode*	8 Seg Mode	Fixtures/Univiers
EL PRO QUAD	1 ft.	4 ch	6 ch	3 ch	6 ch	-	128/85/170/85/- pcs
EL PRO QUAD	4 ft.	4 ch	6 ch	3 ch	12 ch	24 ch	128/85/170/42/21 pcs
EL PRO CTC	1 ft.	-	3 ch	3 ch	6 ch	-	-/170/170/85/- pcs
EL PRO CTC	4 ft.	-	3 ch	3 ch	12 ch	24 ch	-/170/170/42/21 pcs

*1 ft. versions are controlled in 2 segments and 4 ft. versions are controlled in 4 segments.

Exterior Linear Pro Series generic layout



The maximum permitted length of the chain (fixture + cable): **150m**

See table for maximum permitted length of fixtures

Install End Termination Caps on all unused female connectors at end of chains

- Junction Box Power DMX to PD**
P/N MAR-91700019
- Power DMX Cable PD PD**
P/N MAR-91700004 (0,2m, EU version) P/N MAR-91700010 (0,2m, US version)
P/N MAR-91700005 (1m, EU version) P/N MAR-91700011 (1m, US version)
P/N MAR-91700006 (2.5m, EU version) P/N MAR-91700012 (2.5m, US version)
P/N MAR-91700007 (5m, EU version) P/N MAR-91700013 (5m, US version)
P/N MAR-91700008 (10m, EU version) P/N MAR-91700014 (10m, US version)
P/N MAR-91700009 (100m roll, EU version) P/N MAR-91700016 (100m roll, US version)
P/N MAR-91700017 (Field installable connector PD female, EU&US)
P/N MAR-91700018 (Field installable connector PD male, EU&US)
- AC mains power at 100 - 277 V nominal, 50/60 Hz
Typical half-cycle RMS inrush current:
1 ft. models: 0.3 A
4 ft. models: 0.5 A

- Exterior Linear Pro Series**
- | EL Pro QUAD GRAZE | EL Pro QUAD COVE | EL Pro QUAD DV | Length |
|-------------------|-------------------|-------------------|--------|
| P/N MAR- 90570000 | P/N MAR- 90570001 | P/N MAR- 90570002 | 1ft. |
| P/N MAR- 90570003 | P/N MAR- 90570004 | P/N MAR- 90570005 | 4ft. |
-
- | EL Pro CTC GRAZE | EL Pro CTC COVE | Length |
|-------------------|-------------------|--------|
| P/N MAR- 90570006 | P/N MAR- 90570007 | 1ft. |
| P/N MAR- 90570008 | P/N MAR- 90570009 | 4ft. |
-
- Exterior Linear Pro Diffuser**
- | Asymm Wide | Asymm Narrow | Length |
|-------------------|-------------------|--------|
| P/N MAR- 90570020 | P/N MAR- 90570021 | 4ft. |

- Power DMX Cable PD PD**
(Not required if Exterior Linear are mounted end-to-end)
- Exterior Linear Pro Series**
- End Termination Cap**
P/N MAR-91700015

Voltage and DMX	Max. permitted length of									
	fixtures in chain [pcs] (12W mode)		fixtures in chain [pcs] (10W mode)			fixtures in chain [pcs] (5W mode)			full chain (Fixtures + cable)	
	Mode	1 ft.	4 ft.	Mode	1 ft.	4 ft.	Mode	1 ft.		4 ft.
110-120 V	RAW Mode:	42	24	RAW Mode:	42	30	RAW Mode:	42	42	150m (492 ft.)
	Std Mode:	42	24	Std Mode:	42	30	Std Mode:	42	42	
	1 Seg Mode:	42	24	1 Seg Mode:	42	30	1 Seg Mode:	42	42	
	2/4 Seg Mode:	42	24	2/4 Seg Mode:	42	30	2/4 Seg Mode:	42	42	
	8 Seg Mode:	42	21	8 Seg Mode:	42	21	8 Seg Mode:	42	21	
220-270 V	RAW Mode:	42	42	RAW Mode:	42	42	RAW Mode:	42	42	150m (492 ft.)
	Std Mode:	42	42	Std Mode:	42	42	Std Mode:	42	42	
	1 Seg Mode:	42	42	1 Seg Mode:	42	42	1 Seg Mode:	42	42	
	2/4 Seg Mode:	42	42	2/4 Seg Mode:	42	42	2/4 Seg Mode:	42	42	
	8 Seg Mode:	42	21	8 Seg Mode:	42	21	8 Seg Mode:	42	21	

Typical earth-leakage current: 4ft fixture: 0,21mA, 1ft fixture: 0,15 mA

Power and data connector

Power conductors:	Live or L	Neutral or N	Earth or Ground
US variant	Black	White	Green
EU variant	Brown	Blue	Yellow/green

Data conductors:	Shield common	Data cold (-ve)	Data hot, (+ve)
All systems	Alu braid (pin 1)	Grey (pin 2)	Red (pin 3)

- Accessories:**
- Adjustable bracket EL Pro, 10 pcs, P/N MAR-90570025
 - Flange bracket EL Pro, 10 pcs, P/N MAR-90570026
 - Quick mount bracket EL Pro, 10 pcs, P/N MAR-90570027
 - Glare shield, EL Pro 1ft set of 4, P/N MAR-90570022
 - Glare shield, EL Pro 4ft set of 4, P/N MAR-90570023
 - Louvre, EL Pro QUAD 1ft set of 4, P/N MAR-90570024
 - Louvre, EL Pro CTC 1ft set of 4, P/N MAR-90570028

CABLES:
D - DMX CABLE F - FIBER OPTIC CABLE (PROVIDED BY OTHERS) H - HYBRID CABLE (PROVIDED BY MARTIN) P - POWER CABLE

Information subject to change without notice. HARMAN Professional Denmark ApS disclaims liability for any injury, damage, direct or indirect loss, consequential or economic loss or any other loss occasioned by the use of, inability to use or reliance on the information contained in this document. Rev B – 09-02-23