GENERIC SYSTEM DIAGRAM – EXTERIOR PROJECTION SERIES
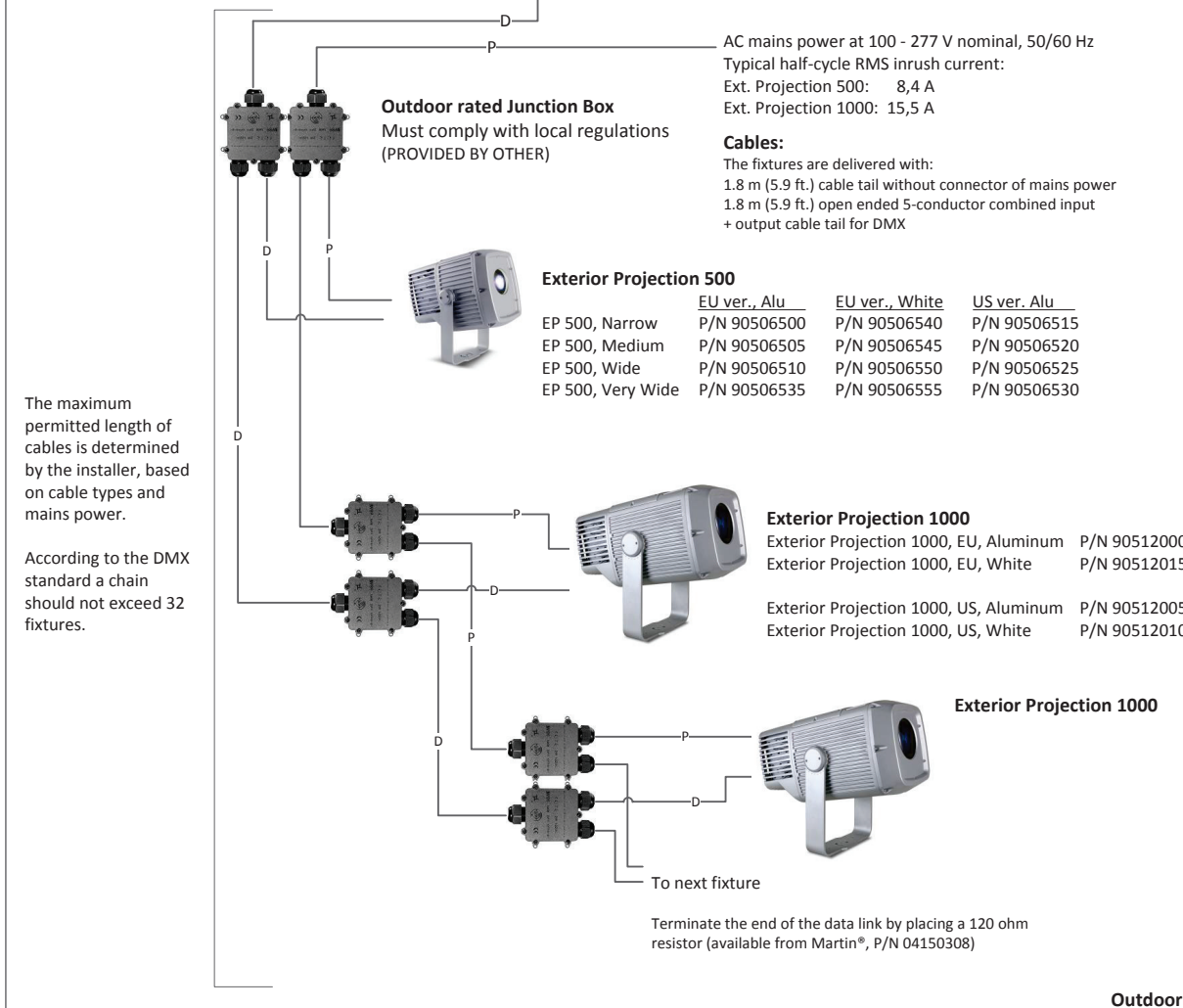
Martin by HARMAN

DMX Source

Martin DMX/RDM Splitter™ (to have more than 32 fixtures on 1 univers)
P/N 90758150

(PROVIDED BY OTHERS)

To next Martin DMX/RDM Splitter

To next line of fixtures (5 outputs per Martin DMX/RDM Splitter)

Indoor
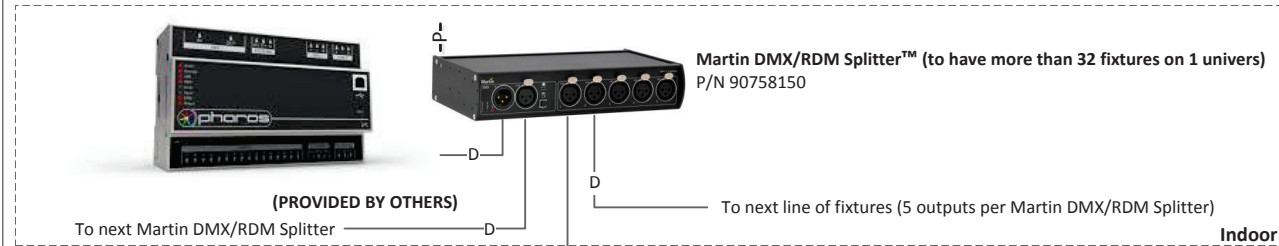
DMX Channels

	Channels	Fixtures/Univers
Ext. Projection 1000	20 ch	25 pcs
Ext. Projection 500	13 ch	39 pcs

Exterior Projection Series generic layout

Outdoor rated Junction Box
Must comply with local regulations
(PROVIDED BY OTHER)

AC mains power at 100 - 277 V nominal, 50/60 Hz
Typical half-cycle RMS inrush current:
Ext. Projection 500: 8,4 A
Ext. Projection 1000: 15,5 A

Cables:
The fixtures are delivered with:
1.8 m (5.9 ft.) cable tail without connector of mains power
1.8 m (5.9 ft.) open ended 5-conductor combined input
+ output cable tail for DMX

Exterior Projection 500

	EU ver., Alu	EU ver., White	US ver. Alu
EP 500, Narrow	P/N 90506500	P/N 90506540	P/N 90506515
EP 500, Medium	P/N 90506505	P/N 90506545	P/N 90506520
EP 500, Wide	P/N 90506510	P/N 90506550	P/N 90506525
EP 500, Very Wide	P/N 90506535	P/N 90506555	P/N 90506530

The maximum permitted length of cables is determined by the installer, based on cable types and mains power.

According to the DMX standard a chain should not exceed 32 fixtures.

Exterior Projection 1000

Exterior Projection 1000, EU, Aluminum   P/N 90512000
Exterior Projection 1000, EU, White   P/N 90512015

Exterior Projection 1000, US, Aluminum   P/N 90512005
Exterior Projection 1000, US, White   P/N 90512010

Exterior Projection 1000

To next fixture

Terminate the end of the data link by placing a 120 ohm resistor (available from Martin®, P/N 04150308)

Outdoor

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:

Wires:	Shield	Input pair (green tube)		Output pair (brown tube)	
Color:	Black	White	Green	White	Brown
Signal:	Common	DMX in +	DMX in -	DMX out +	DMX out -
Male XLR pin:	Pin 1	Pin 3	Pin 2	-	-
Female XLR pin:	Pin 1	-	-	Pin 3	Pin 2

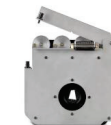**Accessories:**

	EP 500	EP 1000
Glare Shield, Alu, Exterior Projection	P/N 91611767	P/N 91611768
Projection Setup Gobo	P/N 91616068	P/N 91616075
EP-500, Manual Framing Module	P/N 91611842	-
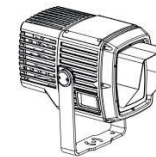
Glare Shield, Alu, Exterior Projection
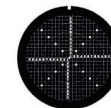
Projection Setup Gobo

EP-500, Manual Framing Module

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