

P3 PowerPorts™ Capacity Information Note

The number of LED video fixtures that can be driven by a single output of a P3 PowerPort is subject to the following limits:

	P3 PowerPort 1500	P3 PowerPort 1000 IP
Pixels per output	1024	1024
Power per output	48 V / 7.5 A	48 V / 5.0 A
Fixtures per output	63	63

This means that the following numbers of products can be driven by one single output of a P3 PowerPort:

Product	P3 PowerPort 1500	P3 PowerPort 1000 IP	Martin IP66 PSU 240W
VC-Grid 8x8 60	12	8	8
VC-Grid 4x4 60	45	30	30
VC-Grid 8x8 30	12	8	8
VC-Grid 8x8 25	12	8	8
VC-Grid 16x16 15	4	4	4
VC-Strip 8x1 60	63	60	60
VC-Strip 4x1 60	63	60	60
VC-Strip 16x1 30	45	30	30
VC-Strip 8x1 30	63	60	60
VC-Strip 16x1 25	45	30	30

VC-Strip 8x1 25	63	60	60
VC-Strip 32x1 15	32	30	30
VC-Strip 16x1 15	63	60	60
VDO Sceptron 40 1000mm	40	27	27
VDO Sceptron 40 320mm	63	63	63
VDO Sceptron 20 1000mm	20	14	14
VDO Sceptron 20 320mm	62	43	43
VDO Sceptron 10 1000mm	10	7	7
VDO Sceptron 10 320mm	31	21	21
VDO Fatron 20 1000mm	5	3	3
VDO Fatron 20 320mm	15	10	10
VDO Dotron	60	40	40
Exterior PixLine 40 1280mm	31	21	21
Exterior PixLine 40 320mm	63	63	63
Exterior PixLine 20 1280mm	15	10	10
Exterior PixLine 20 320mm	62	43	43
Exterior PixLine 10 1280mm	7	5	5
Exterior PixLine 10 320mm	31	21	21
Exterior Dot-HP	60	40	40
VC-Dot 1 Pixels	300	200	200
VC-Dot 4 Pixels	192	128	128
VC-Dot 9 Pixels	108	72	72

Table above is based on 50 m total length from P3 PowerPort to the last fixture in the chain (incl. length of the fixtures themselves). Some fixtures support extended range (longer

maximum cable-length between P3 PowerPort and last fixture in the chain) with less fixtures per output. Please see corresponding product user manual for more information.