

VLAN Colour Guide and IP address information for TSL Luminex-based Lighting Control Systems

To maintain uniformity across our shows and ensure familiarity to our Clients and Freelancers, Lighting Control Systems provided by TSL will adhere to the following standards listed below unless otherwise specified by the Crew Chief or Systems Technician for an event.

IP Addressing

The following IP address ranges are used with endings listed in the categories below:

- 192 . 168 . 0 . *XYZ*
 - Subnet Mask: 255 . 255 . 255 . 0 (/24)
 - Commonly used for addressing of switches and MA-Net2 based devices
- 2 . 0 . 0 . *XYZ*
 - Subnet Mask: 255 . 0 . 0 . 0 (/8)
 - Commonly used for addressing of nodes and other ArtNet compliant devices
- 10 . 101 . 0 . *XYZ*
 - Subnet Mask: 255 . 255 . 0 . 0 (/16)
 - Commonly used for ETC Net3 based systems

001 - 009	Consoles	151 - 174	RoboSpot Devices
011 - 049	Switches	175 - 199	Media Servers
051 - 149	System Processing	201 - 254	Users on the Network
101 - 149	Nodes		

Luminex Groups

Luminex 'Groups', or VLANs, will be colour coded on each switch with each VLAN being reserved primarily for use by the following device or protocol:

For any assistance, please contact the Control Department (controldistro.wh@tsllighting.com)

Group	Protocol	Tape Colour on switch	VID
N/A	ISL	Grey	N/A
1	Management	Earth	1
2	Console Protocol 1	Red	200
3	sACN	Green	300
4	Comms	Purple	400
5	Console Protocol 2	Orange	500
6			600
7	P3 Net	Yellow	700
8			800
9			900
10			1000

Luminex Groups

Luminex 'Groups', or VLANs, will be colour coded on each switch with each VLAN being reserved primarily for use by the following device or protocol:

Group	Protocol	Tape Colour on switch	VID
11	ArtNet	Blue	1100
12	Spare 1	White	1200
13	Spare 2	Black	1300
14	RoboSpot 1	Fluro Pink	1400
15	RoboSpot 2	Fluro Orange	1500
16	RoboSpot 3	Fluro Yellow	1600
17	RoboSpot 4	Fluro Green	1700
18	RoboSpot 5	Fluro Blue	1800
19			1900
20	Internet Access	Brown	2000

For any assistance, please contact the Control Department (controldistro.wh@tsllighting.com)

TSL Standard Network Addressing and Luminex VLAN Group Setup

IP Addressing

IP Address 1923.168.0.xyz range

001 - 009	Desks
011 - 049	Switches
051 - 099	System Processing
101 - 149	Nodes
151 - 174	Media Servers
175 - 199	RoboSpot Devices
200 - 254	Users On The Network
Subnet Mask	255.255.255.0(/24)

IP Address 2.0.0.xyz range or 172.31.0.xyz range

001 - 009	Desks
011 - 049	Switches
051 - 099	System Processing
101 - 149	Nodes
151 - 099	Media Servers
175 - 199	RoboSpot Devices
200 - 254	Users On The Network
Subnet Mask	255.0.0.0(/8)

Switch Login Info

Username: admin
Password: n/a

Robe Reap

Username: robe
Password: 2479

Group	Protocol	Tape	VID
N/A	ISL	Grey	N/A
1	Management	Earth	1
2	Console	Red	200
3	sACN	Green	300
4	Comms	Purple	400
5	Console	Orange	500
6			600
7	P3 Net	Yellow	700
8			800
9			900
10			1000
11	ArtNet	Blue	1100
12	Spare 1	White	1200
13	Spare 2	Black	1300
14	RoboSpot 1	Fluro Pink	1400
15	RoboSpot 2	Fluro Orange	1500
16	RoboSpot 3	Fluro Yellow	1600
17	RoboSpot 4	Fluro Green	1700
18	RoboSpot 5	Fluro Blue	1800
19			1900
20	Internet Access	Brown	2000