

# Skyline 12 Wash Light User Data



Product Code:  
**SL12-WL-RGBW**

RGBW  
(White 4000k)

4 Channel

3,360lm at source

57.6W per lamp

48VF  
Forward Voltage

350mA CC Input

15° / 25° / 40°  
optic lens options

IP65  
Ingress Protection

Aluminium Housing

Grey / White / Black  
Housing Options

110 x 300 x 130mm  
(H) x (W) x (D)

-10°C / +40°C  
Operating Temp

Cooling System:  
Convection



Product Code:  
**SL12-WL-TW**

Tuneable White  
(592nm - 6500k)

4 Channel

5,352lm at source

57.6W per lamp

48VF  
Forward Voltage

350mA CC Input

15° / 25° / 40°  
optic lens options

IP65  
Ingress Protection

Aluminium Housing

Grey / White / Black  
Housing Options

110 x 300 x 130mm  
(H) x (W) x (D)

-10°C / +40°C  
Operating Temp

Cooling System:  
Convection



Product Code:  
**SL12-WL-S**

Single Colour  
(R,G,B,A,W)

1 Channel

-

14.4W per lamp

48VF  
Forward Voltage

350mA CC Input

15° / 25° / 40°  
optic lens options

IP65  
Ingress Protection

Aluminium Housing

Grey / White / Black  
Housing Options

110 x 300 x 130mm  
(H) x (W) x (D)

-10°C / +40°C  
Operating Temp

Cooling System:  
Convection



Product Code:  
**SL12-WL-RGBA**

RGBA  
(Amber 592nm)

4 Channel

2,724lm at source

57.6W per lamp

48VF  
Forward Voltage

350mA CC Input

15° / 25° / 40°  
optic lens options

IP65  
Ingress Protection

Aluminium Housing

Grey / White / Black  
Housing Options

110 x 300 x 130mm  
(H) x (W) x (D)

-10°C / +40°C  
Operating Temp

Cooling System:  
Convection



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# Skyline 12 Wash Light User Data

## More Options



**Lamp-only  
(Externally Driven)**

Product Code Suffix:  
N/A

See page 4 for wiring



**DMX Driver Onboard  
(Integrated)**

Product Code Suffix:  
SLX-WL-X-D

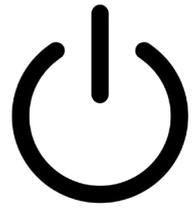
See page 5 for wiring



**Wireless DMX Onboard  
(Integrated)**

Product Code Suffix:  
SLX-WL-X-WD

See page 6 for wiring



**Switchable PSU Onboard  
(Single Colour)**

Product Code Suffix:  
SLX-WL-X-P

See page 7 for wiring

## Accessories



**Skyline Programmer  
Optional Accessory**

(For addressing and configuring DMX  
Driver Onboard Units)



**Wireless DMX Transceiver  
Optional Accessory**

## Compatible Drivers



Product Code:  
**LUD48-D**

Powers  
1 x SL12

LED Outputs  
1

Max per Output  
1 x SL12

DMX Channels  
1 - 4



Product Code:  
**LUD192-D**

Powers  
4 x SL12

LED Outputs  
4

Max per Output  
1 x SL12

DMX Channels  
1 - 16



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## Dimensions



300mm width

110mm height  
150mm (max extended)

130mm depth  
200mm (max extended)

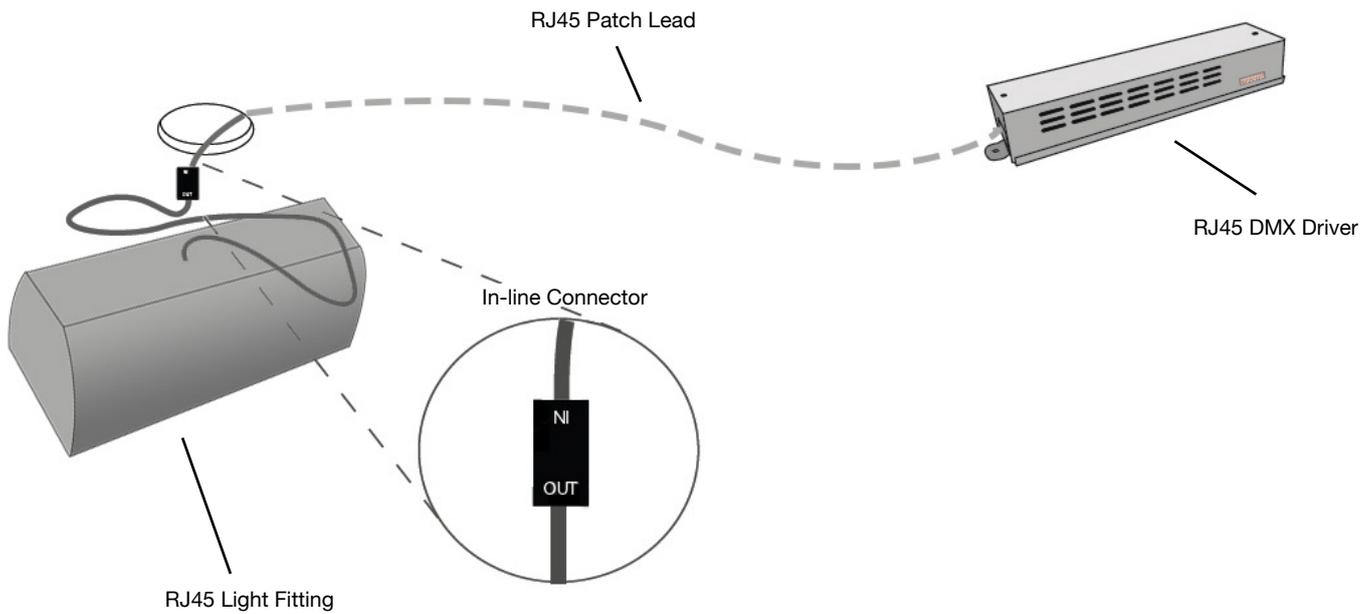


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# Lamp Only RJ45 System Wiring



**WARNING!** Example diagram only. Please read this section carefully before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may void any warranty. These instructions are to be used in addition to the Driver manuals.

## IMPORTANT

All work involving electrical components should be carried out by a competent qualified electrical professional in accordance to IET BS 7671 and any local by-laws.

All mains power **MUST** be turned off before starting installation or maintenance; and **MUST** remain off for the duration of installation or maintenance.

Equipment may become hot to the touch when used for periods of time. Ensure equipment is off and cooled before carrying out maintenance.

**DO NOT** connect or disconnect light fittings while mains power is connected. All RJ45 connections **MUST** be made before mains power is connected. Failure to do so may result in catastrophic failure of the LED.

You can install any combination of RJ45 fittings from a single 'LED' output on the Driver, ensuring the total combined forward voltage of the fittings connected to any single 'LED' output **DOES NOT EXCEED 48V** and is **NO LESS THAN 8V**.

## TESTING

You should test each fitting in isolation before continuing installation.

1. Disconnect the Driver from mains power.
2. Connect RJ45 light fitting to the 'LED' socket of the Driver in isolation.
3. Power up the Driver.
4. Press 'ENT' continuously to select RED, GREEN, BLUE and WHITE.
5. Repeat steps 1 to 4, for each fitting.

If each fitting lights up and displays each colour you can continue with your installation.

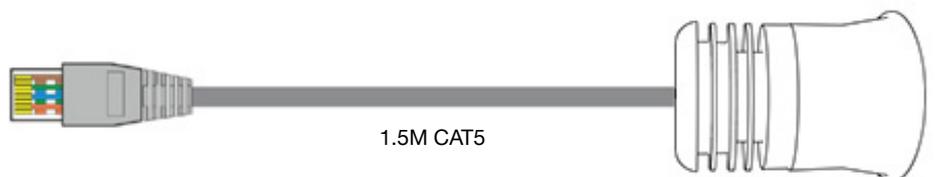
If a fitting does not light up or display each colour please contact us for help. Do not continue your installation.

## INSTALLATION

Ensure you have carried out the testing before installation.

1. Disconnect the Driver from mains power.
2. Using a RJ45 patch lead connect from 'LED' socket of the Driver to 'IN' socket of In-line connector.
3. Connect the RJ45 of fitting to 'OUT' socket of In-line.
4. Repeat steps 2. and 3 for each fitting, ensuring you do not exceed a total forward voltage of 48V to any 'LED' output of a Driver.

| RJ45 Plug Wiring |          |                |
|------------------|----------|----------------|
| Pin              | Function | Wire           |
| 1 -              | Red +    | Orange / White |
| 2 -              | Green +  | Orange         |
| 3 -              | Blue +   | Green / White  |
| 4 -              | White +  | Blue           |
| 5 -              | Red -    | Blue / White   |
| 6 -              | Green -  | Green          |
| 7 -              | Blue -   | Brown / White  |
| 8 -              | White -  | Brown          |

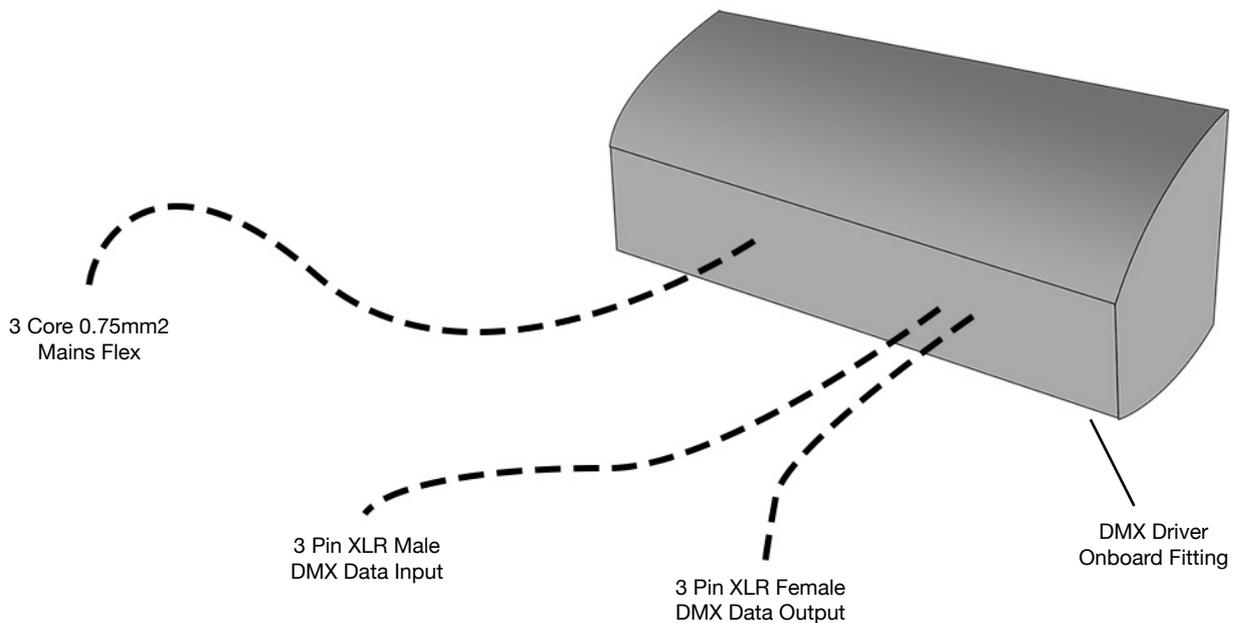


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# DMX Driver Onboard System Wiring



**WARNING!** Example diagram only. Please read this section carefully before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may void any warranty.

## IMPORTANT

All work involving electrical components should be carried out by a competent qualified electrical professional in accordance to IET BS 7671 and any local by-laws.

All mains power **MUST** be turned off before starting installation or maintenance; and **MUST** remain off for the duration of installation or maintenance.

Equipment may become hot to the touch when used for periods of time. Ensure equipment is off and cooled before carrying out maintenance.

## TESTING

You should test each fitting in isolation before continuing installation.

1. Connect mains power 110-240VAC.
2. Connect Male 3 Pin XLR directly into DMX controller.
3. Test DMX channels 1 - 4 to select RED, GREEN, BLUE and WHITE.
4. Repeat steps 1 to 3, for each fitting.

If each fitting lights up and displays each colour you can continue with your installation.

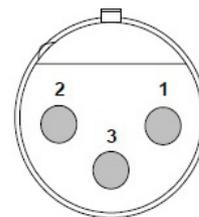
If a fitting does not light up or display each colour please contact us for help. Do not continue your installation.

## INSTALLATION

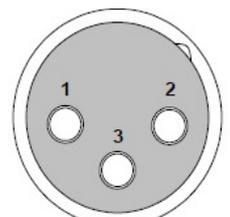
Ensure you have carried out the testing before installation.

1. Connect mains power 110-240VAC.
2. Using a 3 Pin XLR cable, connect DMX signal to the fitting via Male 3 Pin XLR.
3. Connect DMX to following fittings using 3 Pin XLR cable.
4. Repeat steps 1 to 3 for each fitting.

| Pin | XLR Plug Wiring Function |
|-----|--------------------------|
| 1 - | Ground                   |
| 2 - | Data -                   |
| 3 - | Data +                   |



FEMALE



MALE

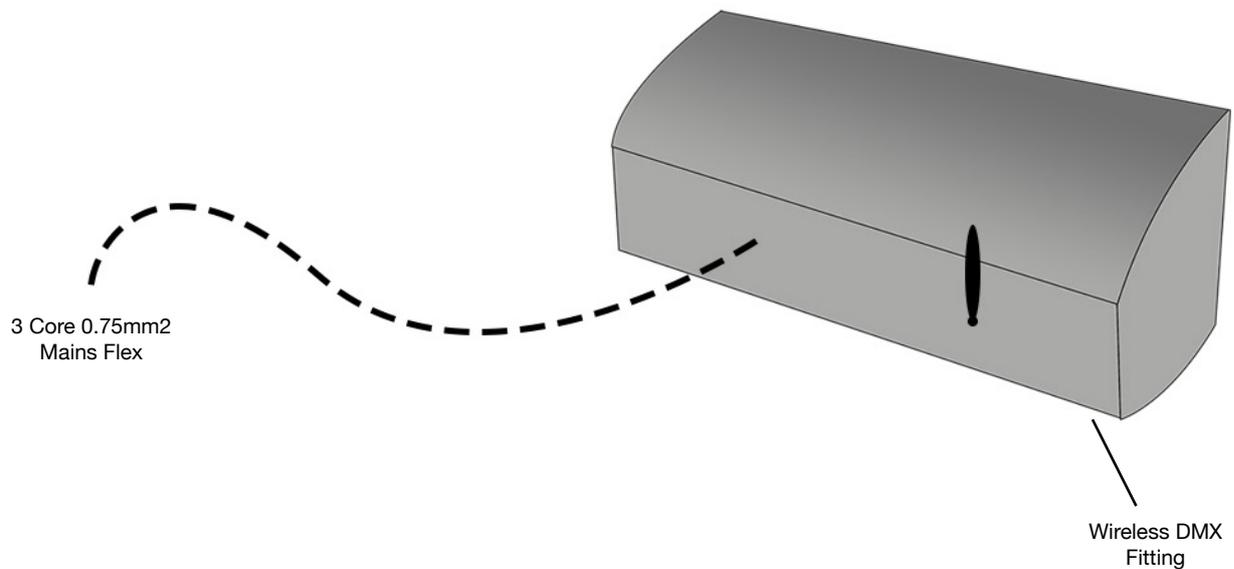


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# Wireless DMX System Wiring



**WARNING!** Example diagram only. Please read this section carefully before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may void any warranty.

## IMPORTANT

All work involving electrical components should be carried out by a competent qualified electrical professional in accordance to IET BS 7671 and any local by-laws.

All mains power **MUST** be turned off before starting installation or maintenance; and **MUST** remain off for the duration of installation or maintenance.

Equipment may become hot to the touch when used for periods of time. Ensure equipment is off and cooled before carrying out maintenance.

## TESTING

You should test each fitting in isolation before continuing installation.

1. Connect mains power 110-240VAC.
2. Connect wireless DMX signal.
3. Test DMX channels 1 - 4 to select RED, GREEN, BLUE and WHITE.
4. Repeat steps 1 to 3, for each fitting.

If each fitting lights up and displays each colour you can continue with your installation.

If a fitting does not light up or display each colour please contact us for help. Do not continue your installation.

## INSTALLATION

Ensure you have carried out the testing before installation.

1. Connect mains power 110-240VAC.

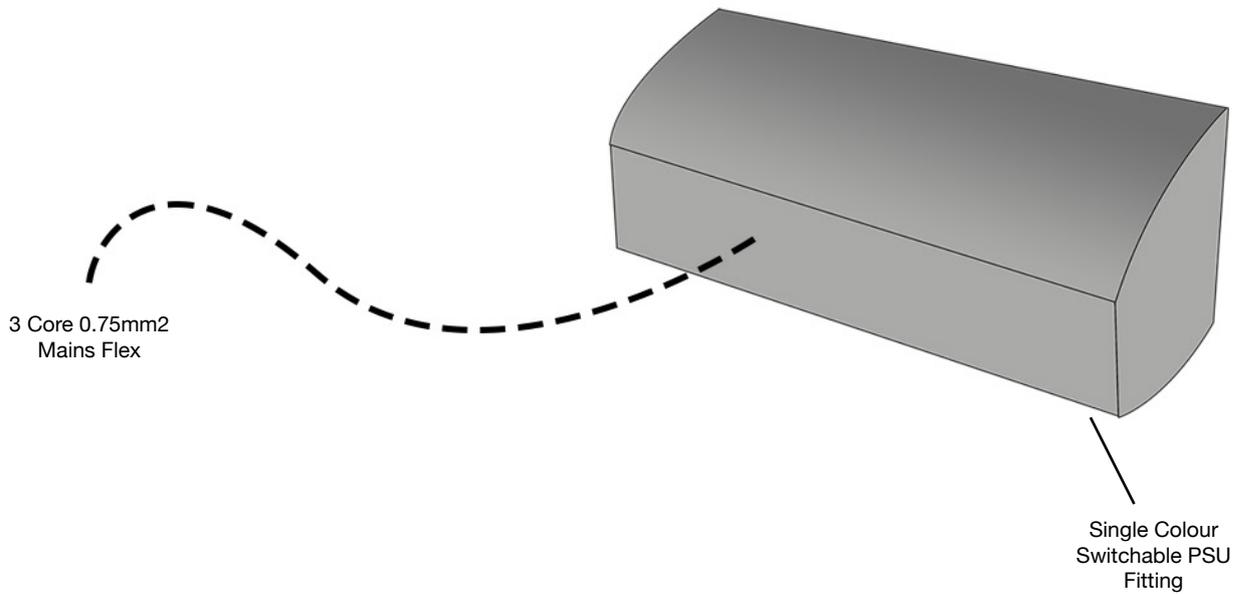


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# Switchable PSU Onboard System Wiring



**WARNING!** Example diagram only. Please read this section carefully before any installation work is carried out. All work should be carried out as per our instructions. Failure to do so may void any warranty.

## IMPORTANT

All work involving electrical components should be carried out by a competent qualified electrical professional in accordance to IET BS 7671 and any local by-laws.

All mains power **MUST** be turned off before starting installation or maintenance; and **MUST** remain off for the duration of installation or maintenance.

Equipment may become hot to the touch when used for periods of time. Ensure equipment is off and cooled before carrying out maintenance.

## TESTING

You should test each fitting in isolation before continuing installation.

1. Connect mains power 110-240VAC.

If each fitting lights up you can continue with your installation.

If a fitting does not light up please contact us for help. Do not continue your installation.

## INSTALLATION

Ensure you have carried out the testing before installation.

1. Connect mains power 110-240VAC.



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