

# Wash Light User Data



RGBW (White 4000k)	Tuneable White (592nm - 6500k)	Single Colour (R,G,B,A,W)	RGBA (Amber 592nm)
4-8 Channel	4-8 Channel	1 Channel	4-8 Channel
6,720lm at source	10,704lm at source	-	5,448lm at source
115.2W per lamp	115.2W per lamp	28.8W per lamp	115.2W per lamp
2 x 48VF Forward Voltage			
350mA CC Input	350mA CC Input	350mA CC Input	350mA CC Input
15° / 25° / 40° optic lens options			
IP65 Ingress Protection	IP65 Ingress Protection	IP65 Ingress Protection	IP65 Ingress Protection
Aluminium Housing	Aluminium Housing	Aluminium Housing	Aluminium Housing
Grey / White / Black Housing Options			
110 x 560 x 130mm (H) x (W) x (D)	110 x 560 x 130mm (H) x (W) x (D)	110 x 560 x 130mm (H) x (W) x (D)	110 x 300 x 130mm (H) x (W) x (D)
-10°C / +40°C Operating Temp			
Cooling System: Convection	Cooling System: Convection	Cooling System: Convection	Cooling System: Convection



# Wash Light User Data

## More Options



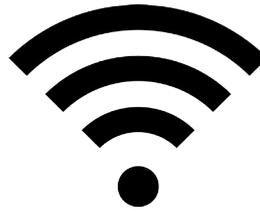
**Lamp-only  
(Externally Driven)**

See page 4 for wiring



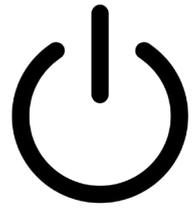
**DMX Driver Onboard  
(Integrated)**

See page 5 for wiring



**Wireless DMX Onboard  
(Integrated)**

See page 6 for wiring



**Switchable PSU Onboard  
(Single Colour)**

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



Powers  
2 pcs

LED Outputs  
4

DMX Channels  
1 - 16



# Wash Light User Data

## Dimensions

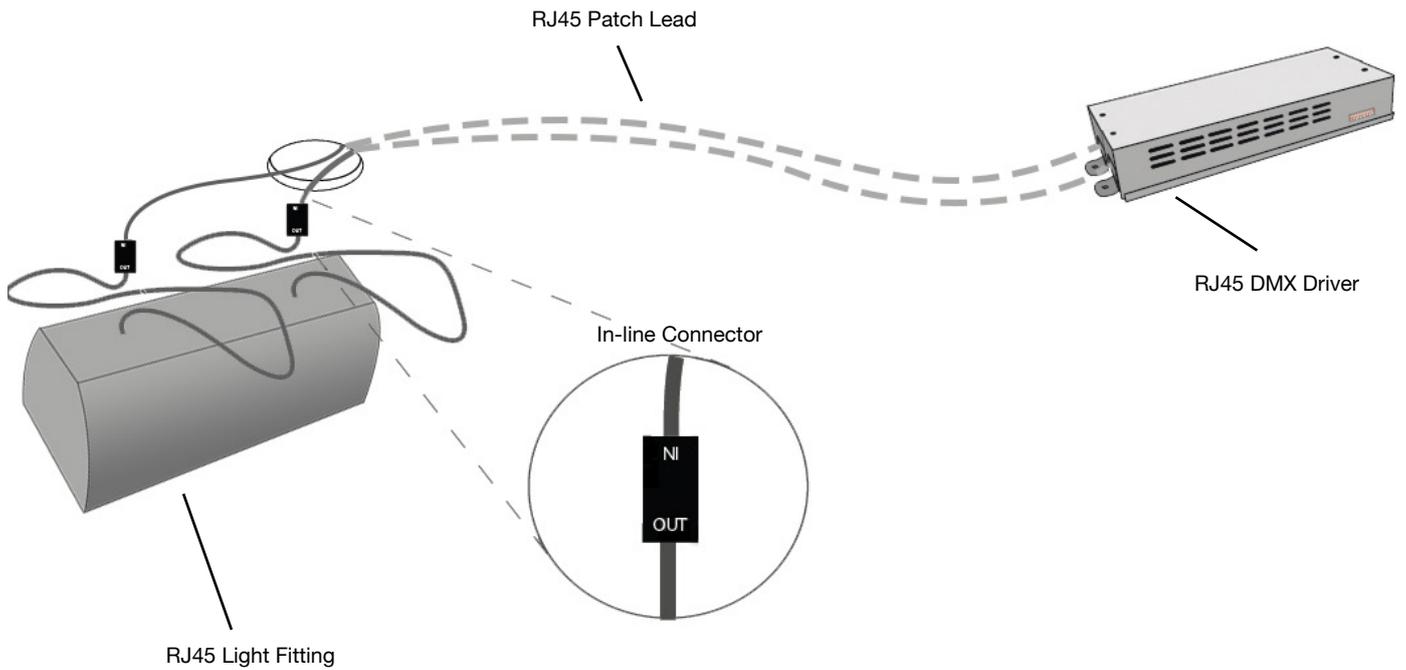
560mm width

110mm height  
150mm (max extended)

130mm depth  
200mm (max extended)



# 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' sockets 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.

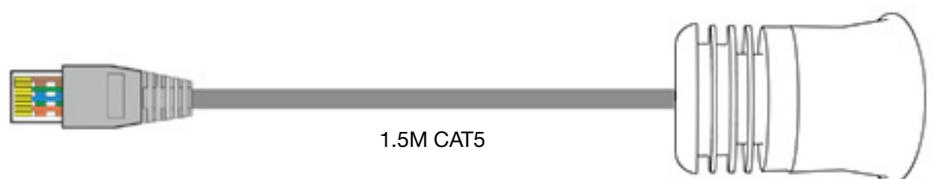
If a fitting does not light up or display each colour please contact us for help. Do not continue your installation.

## INSTALLATION

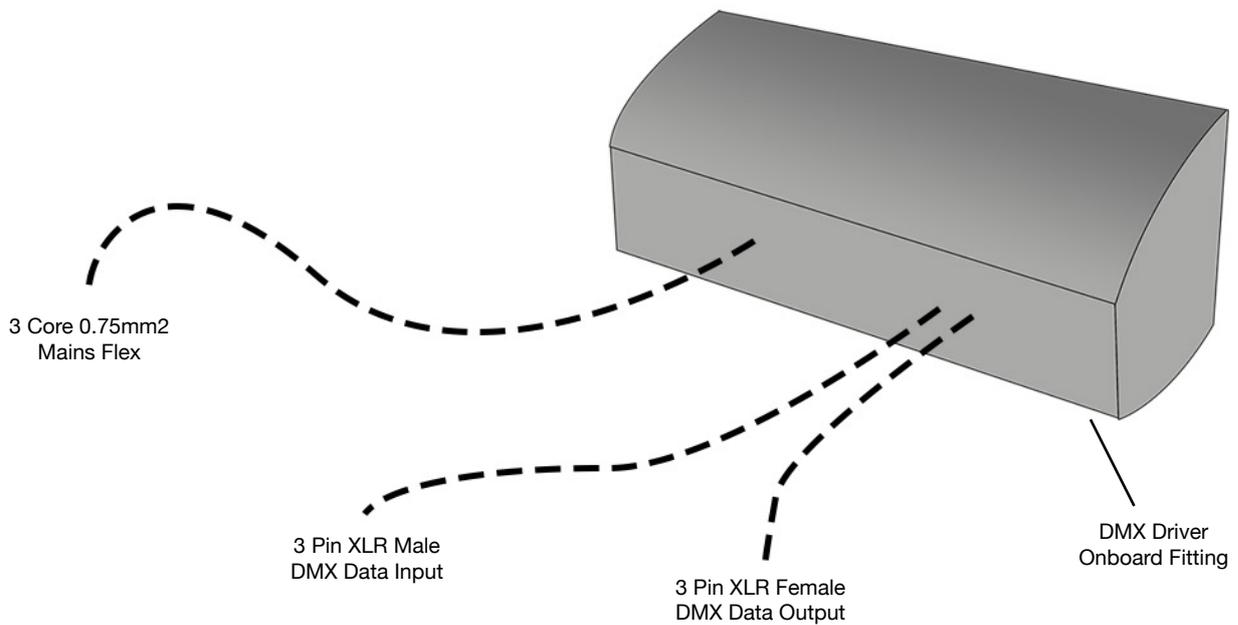
Ensure you have carried out the testing before installation.

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



# 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.

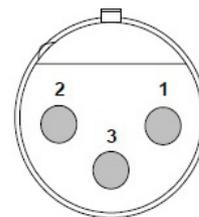
If a fitting does not light up or display each colour please contact us for help. Do not continue your installation.

## INSTALLATION

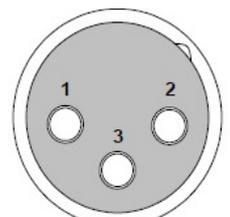
Ensure you have carried out the testing before installation.

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 +



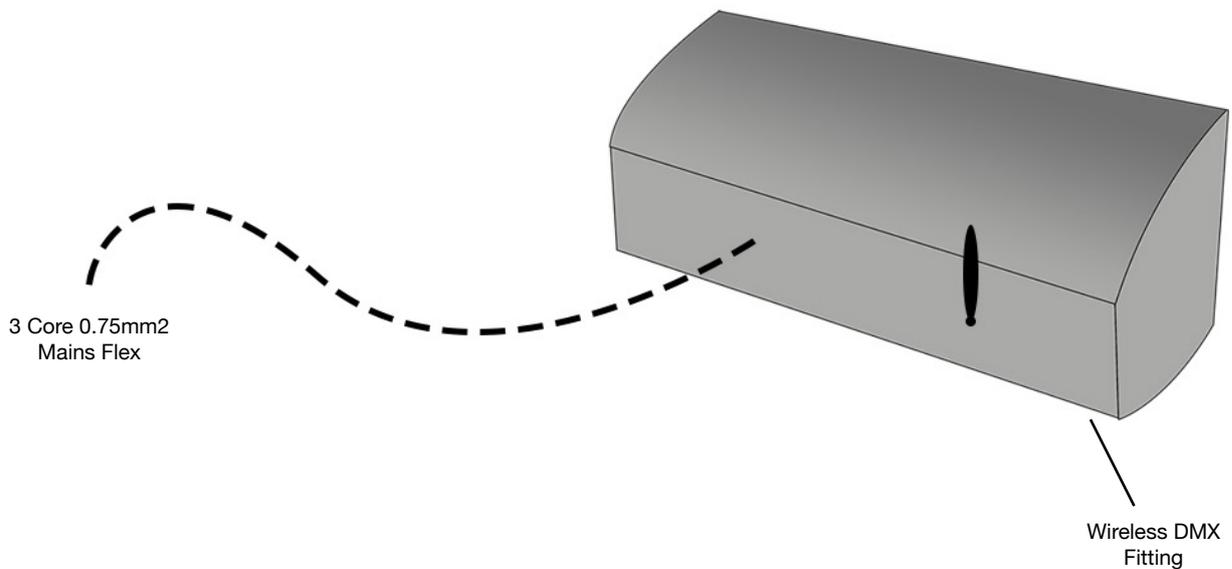
FEMALE



MALE



# 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.

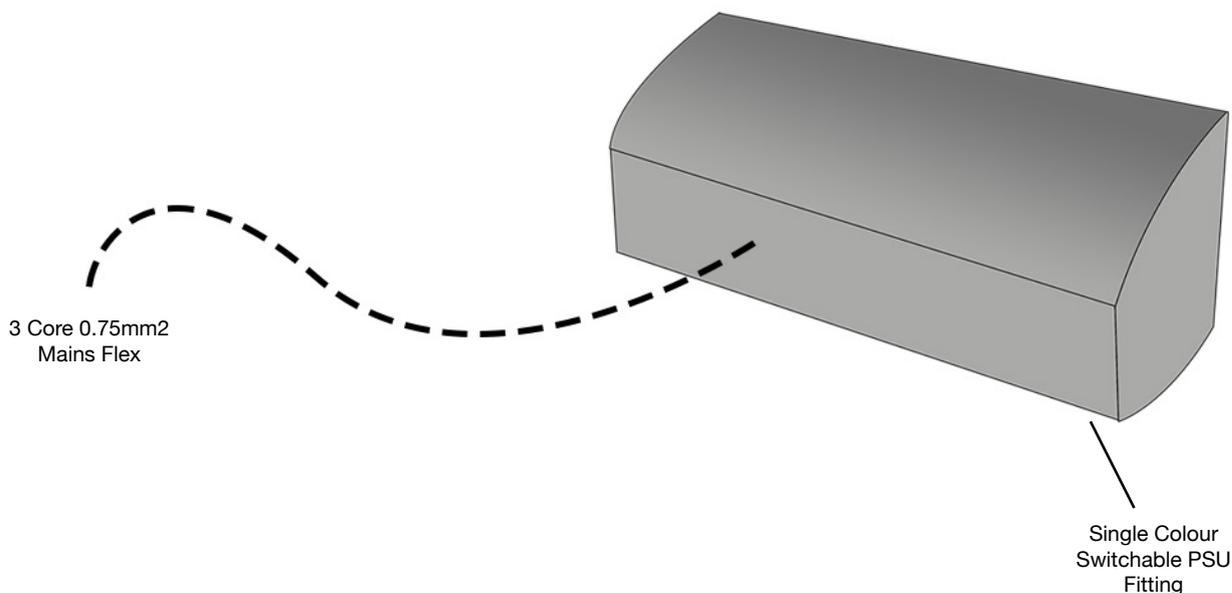
## INSTALLATION

Ensure you have carried out the testing before installation.

1. Connect mains power 110-240VAC.



# 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.

