

# LiteWare

## RGB Battery Uplighter

with SHoW DMX

### Supplied Items

- 1 x LiteWare-UL (SHoW DMX)
- Instruction Leaflet
- Battery Charger
- Mains Lead
- Aerial



### Introduction

The GDS LiteWare-UL with SHoW DMX is a battery powered 38 Watt full colour LED light source. LiteWare-UL can be controlled wirelessly using a SHoW DMX transmitter, or as a stand alone device using the 50 built-in preset colours, 20 preset fade and snap sequences.

### Features

- Full RGB with 16 bit dimming curve
- SHoW DMX Control
- Up to 24 hour runtime from fully charged battery (12 hours full white)
- 50 preset colours
- 20 preset colour chases
- Charging Cycle Approximately 8 hours
- Wireless Firmware Update

### Conformity

The RGB Uplighter conforms to the following standards:

EN 61000-6-3      Light Industrial Emissions  
EN 61000-4-2      Heavy Industrial Immunity



Further information can be obtained from [technical@gds.uk.com](mailto:technical@gds.uk.com)

## Switching the Unit ON

To turn the unit ON or OFF, the TOP Button needs to be pressed and held for 1.5 Seconds, the button LED will illuminate to show the unit is awake.

When the battery voltage becomes too low, the unit will go to sleep and pulse the top button LED. The unit can't be switched back on until it has been recharged.

## Address Settings

The address of the unit is set using 2 push buttons on the base. These are labelled UP and DN. Pushing the UP button will increment the address, pushing the DN button will decrement the address. If you hold one of the buttons the address will slowly increment/decrement gradually speeding up. When the address reaches 510 it will stop at the boundary. You must then release the button and push it once again to get to address 601. These boundaries are intended to make the addressing easier to navigate. The boundaries are: -

### DMX Mode

1-510          SHoW DMX Mode Start Address

### Stand Alone Mode

601-650      Fixed Colour Mode (see table on rear page)  
651-660      Colour Fade Sequence  
661-670      Colour Snap Sequence

Any time you push UP or DN the address will display for 5 seconds before blanking. The address will be displayed for another 5 seconds upon pressing either button.

## DMX Mode (Address 1-510)

In SHoW DMX Mode – the unit will simply respond to the DMX levels being received. DMX channel allocations are as follows:

Start Address	Red Level
Start Address +1	Green Level
Start Address +2	Blue Level

In SHoW DMX mode, the unit will hold the last DMX value upon loss of signal or DMX. The unit will store this level when turned off so it can be resumed when it is powered back up.

If the battery is disconnected these values will be lost and the DMX address will be reset to 001.

## Setting the SHoW ID

LiteWare-UL can be configured to operate on any of the 64 SHoW ID's. To change the SHoW ID press both the UP and DN buttons simultaneously when the power is on, but the display is blank. The display will show H01. Use the UP and DN button to select the correct SHoW ID. The SHoW ID will be stored when the display blanks.

If the battery is disconnected, the SHoW ID will be reset to 01.

## **In Stand Alone Mode**

A short push of the TOP button will dim the unit, there are 7 output levels. When the button is pushed for the 7th time, the unit will jump back up to full level.

### **Stand-Alone Mode (Address 600+)**

601-650 FIXED COLOURS  
Detailed in table on page 4

651-655 COLOUR FADE SEQUENCE 1  
A colour fade sequence with 5 different speeds of transition

656-660 COLOUR FADE SEQUENCE 2  
A colour fade sequence with 5 different speeds of transition

661-665 COLOUR SNAP SEQUENCE 1  
A colour snap sequence with 5 different speeds of transition

666-670 COLOUR SNAP SEQUENCE 2  
A colour snap sequence with 5 different speeds of transition

## **Charging System**

There are two charging methods available for LiteWare-UL. Both charger options are designed specifically for LiteWare-UL. Please DO NOT use any other charging system as this can damage the unit.

### Flight Case Charger System

Ensure that the flightcase is plugged into a mains supply with the supplied mains lead. Place the LiteWare-UL into the flightcase and the unit will start charging. During charging, the button LED will be on constantly and when the units are fully charged, the LED will flash. If the flightcase is not plugged into the mains the button LED will remain off.

### Single Unit Charger

Simply plug the supplied charger into the base of LiteWare-UL. During charging, the button LED will be on constantly and when the units are fully charged, the LED will flash. **Leaving the LiteWare-UL connected to the single charger without the charger connected to the mains will flatten the battery quickly.**

## **Battery Care**

The Uplighter contains a Sealed Lead-Acid battery. The battery should not be left in a discharged state for long periods because it will reduce its capacity. We recommend leaving LiteWare UL on charge permanently when not in use.

**Fixed Colour Table**

<b>ADDRESS</b>	<b>COLOUR</b>	<b>LEE Ref</b>	<b>ROSCO Ref</b>
601	RED		
602	GREEN		
603	BLUE		
604	YELLOW		
605	CYAN		
606	MAGENTA		
607	ORANGE		
608	GOLD		
609	PINK		
610	VIOLET		
611	AQUA		
612	SKY BLUE		
613	FULL WHITE		
614	COOL WHITE		
615	WARM WHITE		
616	YELLOW	LEE 101	
617	STRAW	LEE 103	
618	ORANGE	LEE 105	
619	PRIMARY RED	LEE 106	
620	LIGHT ROSE	LEE 107	
621	DARK PINK	LEE 111	
622	MAGENTA	LEE 113	
623	BLUE	LEE 115	
624	MED BLUE GREEN	LEE 116	
625	DARK BLUE	LEE 119	
626	BRIGHT PINK	LEE 128	
627	MEDIUM BLUE	LEE 132	
628	GOLDEN AMBER	LEE 134	
629	DEEP GOLDEN AMBER	LEE 135	
630	PALE LAVENDER	LEE 136	
631	APRICOT	LEE 147	
632	DARK LAVENDER	LEE 180	
633	CHOCOLATE	LEE 156	
634	JUST BLUE	LEE 079	
635	SURPRISE PINK	LEE 194	
636	SCARLET	LEE 024	
637	SURPRISE PEACH	LEE 017	
638	FIRE	LEE 019	
639	ENGLISH ROSE	LEE 108	
640	MAUVE	LEE 126	
641	BRIGHT BLUE	LEE 141	
642	ALICE BLUE		ROSCO 378
643	ROSE INDIGO		ROSCO 358
644	URBAN BLUE		ROSCO 081
645	COOL BLUE		ROSCO 066
646	LIGHT SALMON		ROSCO 030
647	MAYAN SUN		ROSCO 318
648	CHERRY ROSE		ROSCO 332
649	FLESH PINK		ROSCO 034
650	SKELTON EXOTIC SANGRIA		ROSCO 039