

# CS348 MAGIC LANTERN CONTROLLER INSTRUCTIONS

The Celsun CS348 features smooth dimming for a 100 watt LED Lime-Light for use with single lantern. Dimming rate can be variably timed by the built in speed control. The brightness can be dimmed right down to totally black and without visible steps or colour change. There is also a panel indicator LED to show output status. The sturdy case is solidly built from powder-coated steel. The controller is powered from a laptop style power supply unit that provides low voltage DC. The lamp socket is the same configuration as the Celsun CS332 three channel controller making for interchangeability.

## OPERATION

1. NEVER PLUG IN THE LED LIMELIGHT WITH THE POWER ON otherwise damage could be caused to the lamp or controller.
2. With the supply power off, check the orientation of the XLR plug on the LED Limelight unit lead before plugging into the controller
3. Then plug in the DC power lead and clover-leaf mains power lead and switch on
4. There is brief delay before the lamp output become active.
5. Gently move the speed control to the left (anti-clockwise) for fast response
6. As the control slider is moved up to full brightness, the panel indicator changes from Red through Green and then Blue at full brightness
- 7 Advancing the speed control clockwise slows down the fade transition time. Fully clockwise the time is about 150 seconds.
- 8 When the fade is in automatic in transition, the indicator lamp will flash unit the set-point is reached
- 9 When full brightness is achieved, the indicator lamp will show continuous Blue
- 10 A RED/BLUE flashing shows an overload condition : the lamp should be faded down or should be switched off.  
A flashing RED shows that the LED Limelight is not plugged in or is drawing insufficient power. Switch off and investigate.
- 11 The optional Reading light (USB) brightness is adjusted by the speed control knob by pressing the DIM button once.
- 12 Pressing the DIM button a second time allows the indicator LED to be adjusted for comfort in the room lighting conditions.
- 13 Pressing the DIM button a third time restores the speed control to its normal function. Re-adjust speed back to your preferred rate.
- 14 Pressing the DIM button for more that 3 seconds and the indicator will flash Red Green Blue alternately. The current dimming levels are then saved in the controller's memory and so is automatically restored the next time you power-up. After the save, the speed control is returned to its normal function. This save function may be done after note 11 or note 12.

DC POWER SUPPLY



IEC C5 MAINS POWER INLET

The power supply provided with the CS348 automatically adjusts for any AC mains supply voltage between 100 - 250VAC without any variation to the light output. The Green LED shows it is operating and should not be plugged in or removed from the Cs348.

AC mains power comes from a standard C5 mains lead. On the UK only plug version, the plug fitted with a 3 amp fuse. Should this ever blow, it could indicate a serious problem and the unit should be returned to Celsun for investigation.



DC POWER SUPPLY



DC POWER INPUT 19V.

LED LIMELIGHT XLR 5 PIN PLUG

## DOs and Don't's

**DON'T PLUG IN THE LED LIMELIGHT WITH THE POWER ON OTHERWISE DAMAGE MAY BE CAUSED**

**DON'T OPERATE THE UNIT IN DAMP OR WET CONDITIONS**

**DON'T OPERATE WITH ANY OTHER LAMP NOT SUPPLIED OR RECOMMENDED BY CELSUN**

**DON'T USE ANY DMX CABLES OR DMX DEVICE EVEN THOUGH THE 5pin XLR PLUG IS THE SAME!**

**DON'T REMOVE THE BOTTOM PLATE - NO USER SERVICEABLE PARTS INSIDE**

**DON'T PULL OUT THE DC POWER PLUG BY THE CABLE**

**DO PUSH ON THE XLR SOCKET TAB BEFORE PULLING OUT THE LED LIMELIGHT PLUG BY THE BODY - NEVER THE CABLE!**

**DO PROTECT THE UNIT CONTROLS DURING TRANSPORTATION**

**DO PROTECT FROM DUST, RAIN AND DAMP**

**DO UN-PLUG THE POWER SUPPLY UNIT FROM THE AC MAINS SUPPLY WHEN NOT NEEDED.**

**DO PLUG OR UNPLUG THE USB READING LIGHT ANYTIME - EVEN WITH POWER ON**

**NOTE:  
WHEN LAMP FADED TO BLACK THE SYSTEM IS STILL CONSUMING SOME POWER**