IP65 LED 44x10W RGBW
Wash Panel (with barn doors)

SKU: LLIP4410WP

USER MANUAL

This user manual includes important information for installation and operation. Please read this user manual carefully to install, operate, and maintain the lighting safety and correctly. A verified technician should do the installation and operation.

Please carefully check for any damages caused by transportation.

Before delivery, this device has passed strict quality control and inspection. Please follow the user manual for proper operation. If this fixture is damaged due to operation error or disregard of this manual, the fixture will be out of warranty, and the manufacture or dealer will not be held responsible.

Product Specs:

The fixture comes with quarter-turn brackets that can be used to mount the fixture at elevation.

The fixture is IP65 rated, and is designed to use in wet locations.
The unit is protected from:

- Dust. However, dust cannot enter the fixture in large quantities, as this will interfere with its operation.
- Lower pressure jets of water from any direction. Do not immerse the unit in water or allow contact with high-pressure water jets.

Installation:

Ensure the fixture is powered off before installation or maintenance. Keep the fixture at least 1.5ft. away from any combustible material, as it is not suitable for direct installation on these surfaces.

The applicable temperature for this fixture is between 20°F to 113°F. Do not use the fixture under or above this temperature range.

The truss used for hanging this fixture must be able to hold 10 times the weight of this fixture without deformation one hour after installation. Do not stand directly under the fixture while installing, uninstalling or adjusting the fixture.

The fixture may be installed in any orientation, but if installed horizontally with a downward beam-angle, water can potentially pool in the fan wells. Under normal operation, the moisture will evaporate. However, in locations with high rainfall, you may wish to fabricate a rain shield above the fixture, or modify the position and orientation of the fixture to minimize pooling.

We advise that an electrician confirms the safety of the electrical data prior to installation. Power off the fixture before installation or maintenance. Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

Rigging:

Fix the clamp on truss.

Two quarter-turn brackets are supplied with the fixture if it is flown above the ground. Remove the floor stand/base and rig the fixture to a support truss or structure using the supplied brackets and suitable clamps. Pull the safety rope through the holes on the bottom of the base and fasten it on the truss or other fixing point.

For permanent installation on the ground, remove the rubber feet from the floor stand/ base. Fasten securely through the resulting holes with four corrosion-resistant mechanical fasteners suitable for the location.

The fixture can be tilted from 0° - 170°. To adjust the tilt of the angle, loosen the two tilt screws (one on each side of the fixture), then tilt the fixture to the angle required and re-tighten the screws.

Connecting AV Power:

The fixture can operate on any 100-240 V, 50/60 Hz AC mains power supply. It draws approximately 2 amps of full power. The junction's ingress protection (IP) rating must be suitable for the location.

For temporary installation, the main cable may be fitted with a grounded connector intended for exterior use. When installing standard type C circuit breakers there will be no limitations due to the fixture in-rush current. Due to the nominal current of the fixture, ensure that no more than 4 fixtures are connected through the same type C, 10A circuit breaker. 7 fixtures are connected through the same type C, 15A circuit breaker.

The fixture must be grounded/earthed and be able to be isolated from AC power. The AC power supply must incorporate a fuse or circuit breaker for fault protection.

After connecting the fixture to power, run the on-board test, using the "Mode→Mode = Demo" menu, to ensure that the fixture and each LED are functioning correctly. See "Control menu."

Do not open the fixture to replace the supplied power cable, or connect the fixture to an electrical dimmer system.

Fixture Configuration:

Set up the fixture using the control panel and LCD display at the base of the fixture. Navigate the menus and options using the arrow buttons and select items using the *enter* button. The options available are listed in the "control menu." After powering on, the display will show the currently selected operating mode and other information.

The fixture is set by default to be controlled in the DMX Mode.

Master/Slave Configuration:

Set a fixture to operate as the master fixture to another fixture (which then becomes a slave fixture), or an entire group of fixtures (which then become slave fixtures). The assigned slave fixture(s) will mimic the settings of the master fixture. Use the "Mode→AutoSlip/ AutoSkip/ Scene" menu to set your fixture as master fixture, then other fixture set to DMX mode as slave fixture.

Setting a static color manually:

The fixture can be configured to display a predefined and static color using the "Mode→Scene" menus. There are 99 static colors that can be color mixed without a DMX controller.

Using stand-alone operation:

Stand-alone operation refers to when the fixture is not connected to a control device, but preprogrammed with 3 modes (AutoSlip/AutoSkip/Demo), which play continuously in a loop. The run speed of AutoSlip and AutoSkip are adjustable. To define a stand-alone program, use the *mode* menus.

Setting the DMX Address:

The DMX address can be seen on the main screen. To change the address setting, press the *UP* arrow to increase the address, or *DOWN* to decrease. When the desired address is displayed, press *ENTER* to save the setting. Note that the DMX Mode determines channel spacing. See *DMX protocols* for specific DMX control values.

Setting the DMX Mode:

Using the *DMX Mode* menu available from the control panel, specify the DMX mode that provides the fixture controls. Confirm chosen mode by pressing *ENTER.*

DMX Protocols:

Channel		Value	Function
4CH	**8CH**		
*	1		**Dimmer:**
		0-255	All dimmer
1	2		**Red :**
		0-255	Red dimmer
2	3		**Green :**
		0-255	Green dimmer
3	4		**Blue :**
		0-255	Blue dimmer
4	5		**White :**
		0-255	White dimmer
*	6		**Strobe :**
		0-9	No function
		10-255	Strobe
*	7		**Auto Macro :**
		0-9	No function
		10-50	Color change macro
		51-100	Color fade macro
		101-150	Color pulse macro
		151-200	Color macro mixed
		201-255	No function
*	8		**Auto Macro Speed:**
		0-255	Speed from slow to fast

Level 1	Level 2	Description
DMX SET	001-512	*DMX address setting*
Show Mode	DMX_CH4	*4 channels mode*
	DMX_CH8	*8channels mode*
	Auto 1	*Color change mode*
	Auto 2	*Color fade mode*
	Auto 3	*Color pulse mode*
	Auto 4	*Color macro mixed*
	Sound	*Sound control*
Sense Auto 1	Val[xxx]	*Color change speed adjustment [001-099]*
Sense Auto 2	Val[xxx]	*Color fade speed adjustment [001-099]*

Sense Auto 3	Val[xxx]	*Color pulse speed adjustment [001-099]*
Offset Correct	RED	*Red color manual dimmer*
	GREEN	*Green color manual dimmer*
	BLUE	*Blue color manual dimmer*
	WHITE	*White color manual dimmer*
	DRIM	*Dimmer curve reference to CH9*
	TEMP	*Fixture temperature display*

Product Specifications:

Light Source:

AC90-240V, 50/60HZ

300W power consumption

44 x high-power RGBW 4IN1 LEDs (10W) 50,000 hours expected lifetime

Control:

0-100% 32bit linear dimming

1-20 times/second strobe 4/8
DMX channels

4 built in auto mode 6

Dimmer curve

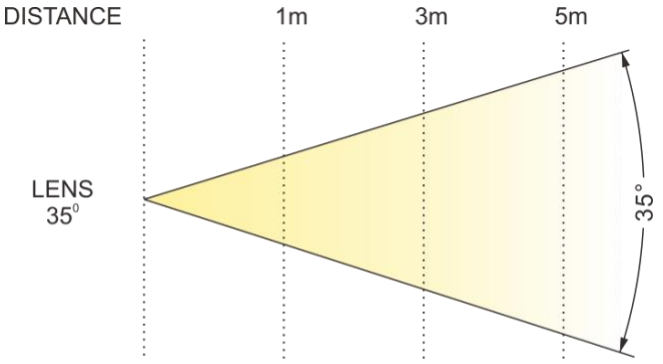
Construction:

170° Tilt adjustment Cast
aluminum body IP65 rating
2 x two quarter-turn locking points for one or two Omega brackets
Floor stand or hanging rigging possibilities

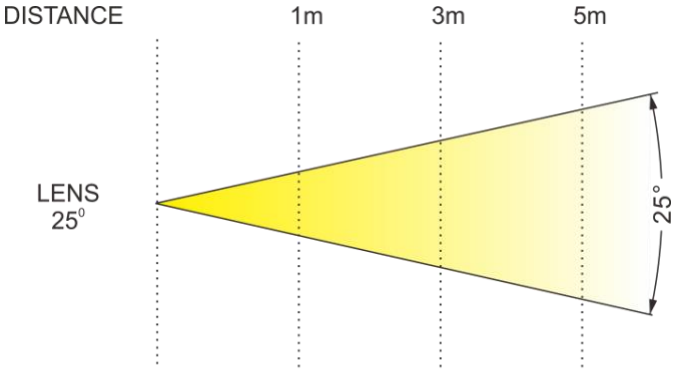
bottom mount for safety wire

Forced air cooling system
IP65 Seetronic powercon in and out
IP65 Seetronic DMX in and out

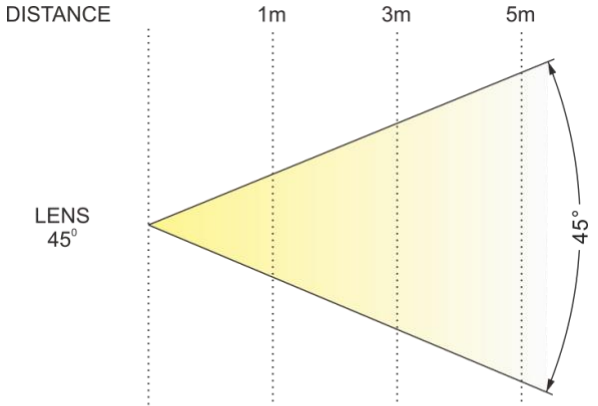
Photometrics:



LX				
	RED	3730	722	299
	GREEN	10410	1870	660
	BLUE	1090	135	121
	WHITE	9579	1700	602
	GRBW	22060	3960	1298



LX				
	RED	5414	1188	458
	GREEN	22500	4667	1579
	BLUE	463	192	136
	WHITE	22300	4601	1566
	GRBW	29300	6299	2230



LX				
	RED	1096	245	160
	GREEN	4682	743	330
	BLUE	548	127	113
	WHITE	4224	684	316
	GRBW	5926	933	394

Symbol Instruction on Fixture:

CE certificate

RoHS certificate