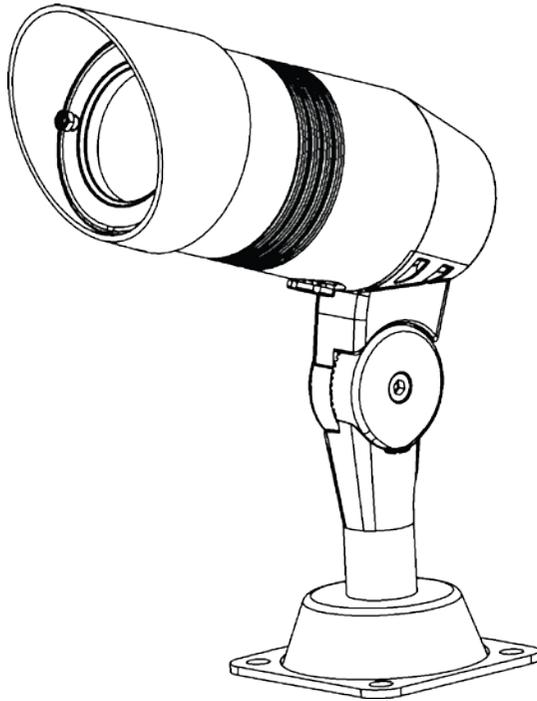# Ilumipod 7 IP Optic RGBW

Quick Reference Guide

ILUMINARC®

About this Guide	The Ilumipod 7 IP Optic RGBW Quick Reference Guide (QRG) only contains the product's connection and mounting information as well as the menu options and the DMX values.
Disclaimer	This QRG does not replace the product's user manual. You must download the corresponding user manual from the ILUMINARC® Web site (www.iluminarc.com) to learn about the disclaimers, safety notes, programming modes and technical information.

Safety Notes

- DO NOT open this fixture unless instructed. It contains no user serviceable parts.
- DO NOT look at the light source when this fixture is on.
- DO NOT touch the fixture when it is operating because it may be hot.
- DO NOT leave any flammable material within 50 cm from this fixture while operating or connected to the power outlet to minimize the risk of fire.
- DO NOT mount this fixture overhead without using a safety cable.
- DO NOT submerge this product at more than 1 m and/or for longer than 30 minutes (IP67 rating). Regular outdoor operation is fine.
- DO NOT operate this fixture if you see damage on the housing, lenses, or cables; have the damaged parts replaced by an authorized technician at once.
- DO NOT connect this fixture to a dimmer or rheostat.
- ONLY connect this fixture to a grounded and protected circuit.

What is Included

- One Ilumipod 7 IP Optic RGBW
- One mounting plate
- One mounting spike
- One Warranty Card
- One Quick Reference Guide

Features

- 4, 5, or 7-channel DMX RGBW LED wash light
- Operating modes:
  - 4-channel: RGBW control
  - 5-channel: RGBW, dimmer
  - 7-channel: RGBW, dimmer, color macros, strobe
- High power 1 W (350 mA) LEDs
- Static color control without DMX controller
- Cast aluminum, IP67, black housing
- Stainless steel, IP67 gland nuts
- Impact resistant glass lens cover

Options

- Ilumicode controller (for fixture configuration)
- Ilumicon controller (for operation without a DMX controller)

Ordering

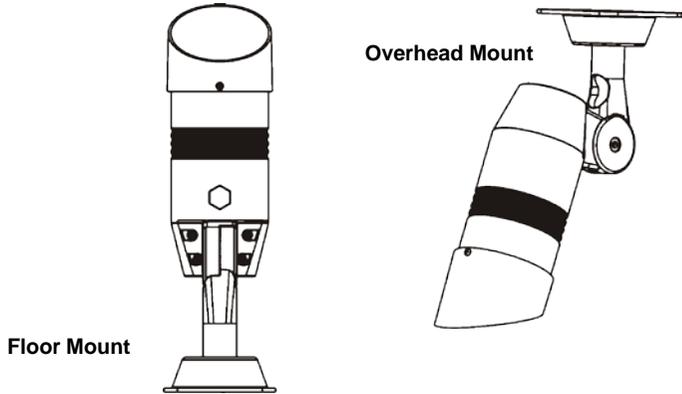- 18° lenses   Order Number: 11007008

Mounting

Before mounting this product, read the safety notes at the beginning of the Ilumipod 7 IP Optic RGBW User Manual and follow the mounting procedures indicated in it.

This product comes with a plate to mount it on any firm, non-flammable surface, whether horizontally or vertically, on the floor or overhead. The articulated arm that connects the light to the base is adjustable and it can swivel, thus providing full angle control.

A spike is included for mounting this product on soil (gardens and large flowerpots).
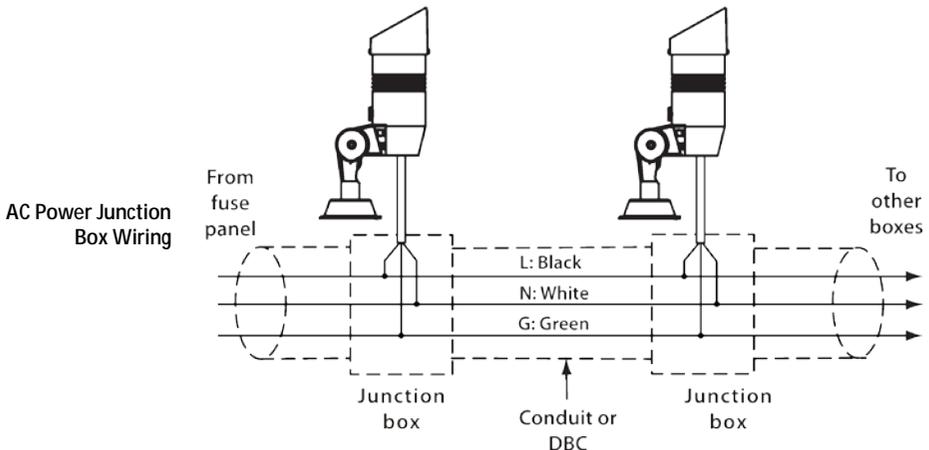
Mounting Diagram

Overhead Mount

Floor Mount

AC Power

This product has an auto-ranging power supply that can work with an input voltage range of 100~240 VAC, 50/60 Hz.

Power Wiring

You can connect the bare-ended IP67 rated power cable from the fixture to an IP67 junction box, as shown below. Make sure to use IP67 rated conduit or direct buried cable (DBC) to link the junction boxes.

AC Power Junction Box Wiring

From fuse panel

To other boxes

L: Black
N: White
G: Green

Junction box

Conduit or DBC

Junction box

DMX Control

You will be able to control this product using a standard DMX controller. The Ilumipod 7 IP Optic RGBW is set by default to the 7-channel **ARC FULL** DMX personality and its DMX address is **001**. The connections for the DMX cables are indicated below.
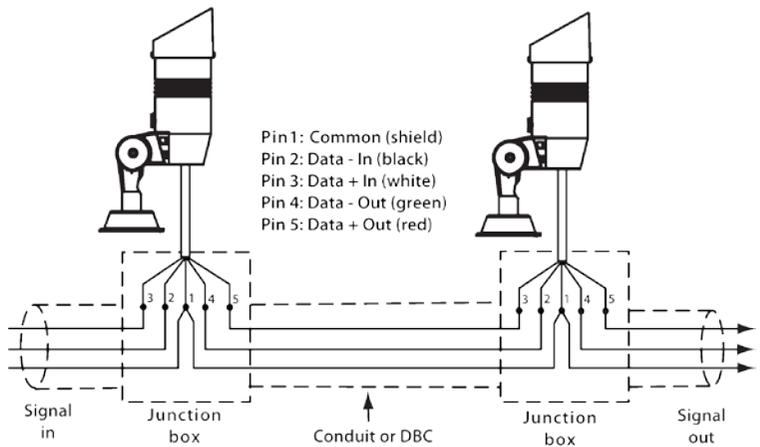
To change the DMX personality, DMX address, or any other parameter of the Ilumipod 7 IP Optic RGBW, you will need to use the optional Ilumicode unit (see Settings on page 5).

DMX Connection

You can connect the bare-ended IP67 rated signal cable from the fixture to an IP67 junction box, as shown below.

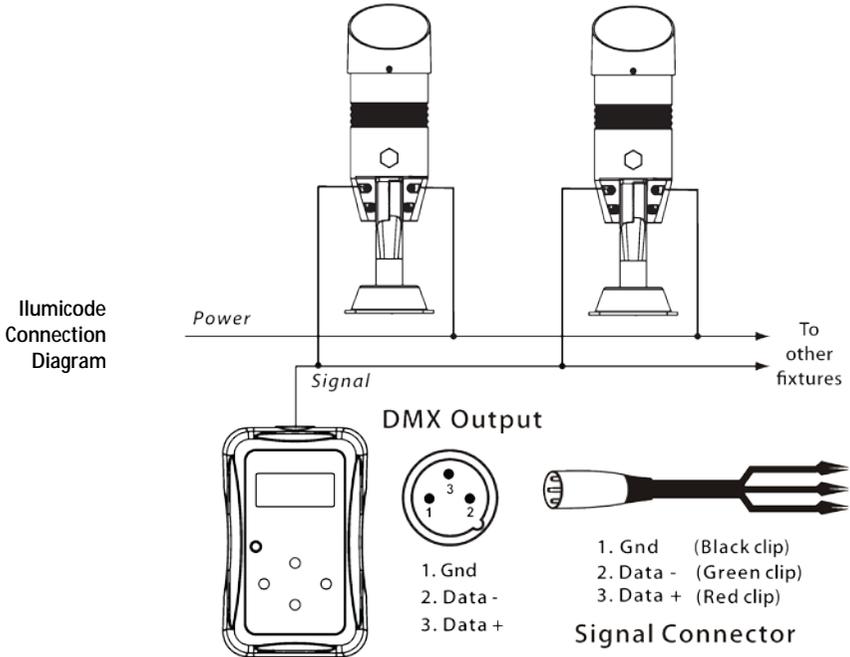Make sure to use IP67 rated conduit or direct buried cable (DBC) to link the junction boxes.

DMX Junction Box Wiring

Pin 1: Common (shield)
Pin 2: Data - In (black)
Pin 3: Data + In (white)
Pin 4: Data - Out (green)
Pin 5: Data + Out (red)

Settings   The Ilumipod 7 IP Optic RGBW uses the Ilumicode unit for configuration purposes.

Ilumicode   The diagram below shows how to connect the Ilumicode to this product.
Connections   Note that this connection will control multiple fixtures at the same time, all having the same DMX address. To assign individual DMX addresses to each fixture, you must connect the Ilumicode unit to each fixture, individually. This means that you will also have to disconnect the DMX output of the fixture under configuration if there are other fixtures connected to it.

Ilumicode
Connection
Diagram

ILUMINARC® suggests you to connect no more than 20 fixtures in this mode, while keeping the total distance to less than 60 m (197 ft). Otherwise, you might need to use an optically isolated signal amplifier.

- **The RDM2go, which includes a built in ilumicode addresser along with many other useful features is now available.**
- **The Ilumicoode addresser is required for product configuration (sold separately).**

Ilumicode Panel Description

Button	Function
\<POWER\>	Turns the Ilumicode unit on
\<MENU\>	Scrolls through the main level or exits from the current menu or function (NOTE: Press and hold it to turn the unit off)
\<ENTER\>	Enables the currently displayed menu or sets the currently selected value into the selected function
\<UP\>	Navigates upwards through the menu options and increases the numeric value when in a function
\<DOWN\>	Navigates downwards through the menu options and decreases the numeric value when in a function

Menu Options

1st Level	Programming Levels			Description
DMX	**001~512**			Sets the DMX starting address
PERSON	**ARC 2**			4-channel: RGBW control
	ARC 2 + D			4-channel: RGBW, dimmer
	ARC FULL			7-channel: RGBW, dimmer, color macros, strobe
CALIB	*WHITE*1~11	*RED GREEN BLUE WHITE*	**0~255**	Determines the white balance for the color macros
	RGB			Determines the white balance when RGBTOW is active
STATIC	*RED*			
	GREN		**0~255**	Configures the static color and effect
	BLUE			
	WHITE			
	STRB			

DMX Channel Values

ARC FULL

Channel	Function	Value	Percent/Setting			
1	RGB Dimmer	000 ↔ 255	0~100%			
2	Red	000 ↔ 255	0~100%			
3	Green	000 ↔ 255	0~100%			
4	Blue	000 ↔ 255	0~100%			
5	White	000 ↔ 255	0~100%			
6	Color Macros	000 ↔ 010	No function			
		011 ↔ 030	R: 100%	G: Up	B: 0%	
		031 ↔ 050	R: Down	G: 100%	B: 0%	
		051 ↔ 070	R: 0%	G: 100%	B: Up	
		071 ↔ 090	R: 0%	G: Down	Be: 100%	
		091 ↔ 110	R: Up	G: 0%	Be: 100%	
		111 ↔ 130	R: 100%	G: 0%	B: Down	
		131 ↔ 150	R: 100%	G: Up	B: Up	
		151 ↔ 170	R: Down	G: Down	B: 100%	
		171 ↔ 200	R: 100%	G: 100%	B: 100%	W:100%
		201 ↔ 205	White 1:	3,200 K		
		206 ↔ 210	White 2:	3,400 K		
		211 ↔ 215	White 3:	4,200 K		
		216 ↔ 220	White 4:	4,900 K		
		221 ↔ 225	White 5:	5,600 K		
		226 ↔ 230	White 6:	5,900 K		
		231 ↔ 235	White 7:	6,500 K		
		236 ↔ 240	White 8:	7,200 K		
		241 ↔ 245	White 9:	8,000 K		
		246 ↔ 250	White 10:	8,500 K		
		251 ↔ 255	White 11:	10,000 K		
7	Strobe	000 ↔ 009	No function			
		010 ↔ 255	Slow~Fast			

ARC2

Channel	Function	Value	Percent/Setting
1	Red	000 ↔ 255	0~100%
2	Green	000 ↔ 255	0~100%
3	Blue	000 ↔ 255	0~100%
4	White	000 ↔ 255	0~100%

ARC2 + D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue	000 ó 255	0~100%
5	White	000 ó 255	0~100%

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Outside the U.S., United Kingdom, Ireland, Mexico, or Benelux contact the dealer of record. Follow their instructions to request support or to return a product. Visit our website for contact details.

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