

Illumipod 42 IP Series

Quick Reference Guide



ILUMINARC®

About this Guide

The Ilumipod 42 IP Series 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 (IP66). 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 42 IP fixture (either RGBW or VW)
- Warranty Card
- Quick Reference Guide

Ordering Info

Model	Housing Color	Yoke	Item Number
Optic 15 RGBW	White	Double	11042001
Optic 30 RGBW	White	Double	11042002
Optic 15 RGBW	Gray	Single	11042003
Optic 30 RGBW	Gray	Single	11042004
Optic 15 VW	White	Double	11042005
Optic 30 VW	White	Double	11042006
Optic 15 VW	Gray	Single	11042007
Optic 30 VW	Gray	Single	11042008

**Common
Features**

- White or gray cast aluminum housing
- Single or double bracket yoke
- IP66 ingress protection rating
- IP66 stainless steel gland nuts for cable entry
- Bare ended IP66 power input cable
- Bare ended IP66 data input/output cable
- Impact resistant glass lens cover
- High-power, 1 W (350 mA) LEDs

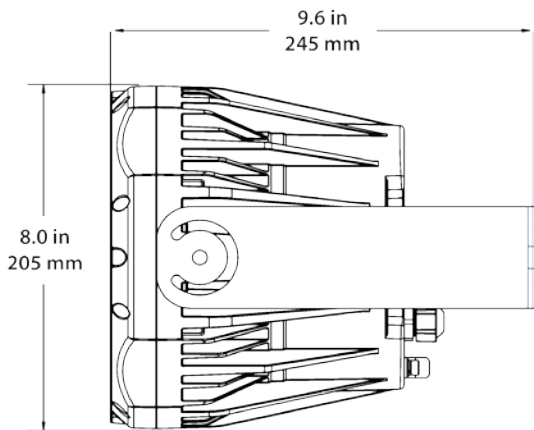
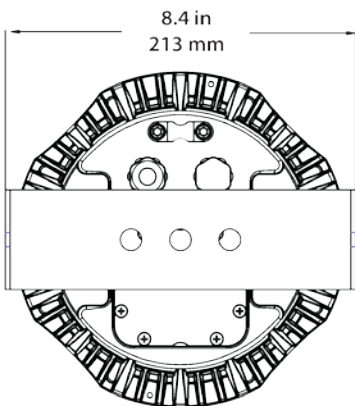
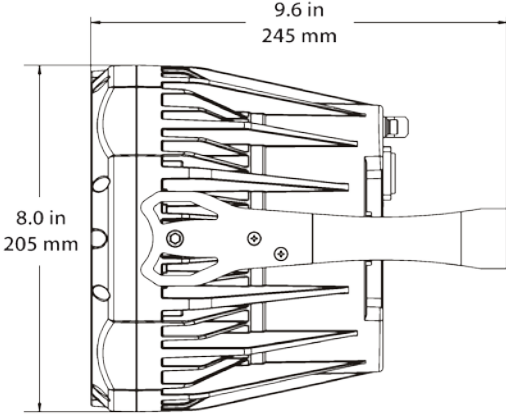
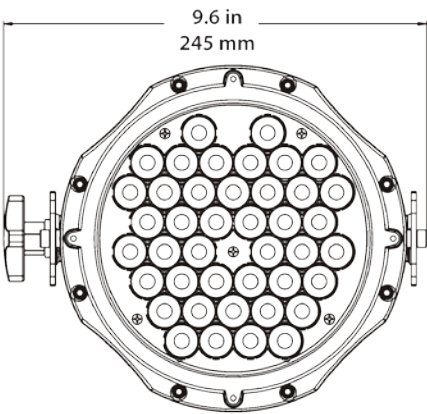
**RGBW
Features**

- 3, 4, 5, 6, or 11 channel DMX LED wash light (with ID addressing)
- Operating modes:
 - 3-channel: RGB control
 - 3-channel: HSV control
 - 4-channel: RGB, dimmer
 - 4-channel: RGBW control
 - 5-channel: RGBW, dimmer
 - 6-channel: RGBW, dimmer, strobe
 - 11-channel: RGBW, dimmer, strobe, macros, auto/custom, auto speed, dimmer curve, ID addressing
- Static color mixing with or without DMX controller
- Five distinct dimmer curves
- Color calibration

VW Features

- 1, 2, 3, or 6 channel DMX LED wash light (with ID addressing)
- Operating modes:
 - 1-channel: Dimmer
 - 2-channel: Color temperature macros
 - 2-channel: Warm white, cool white control
 - 3-channel: Dimmer, warm white, cool white, color
 - 6-channel: Dimmer, warm white, cool white, color, temperature macros, strobe, ID addressing
- Static color temperature control with or without DMX controller
- Power settings

Dimensions



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 Linking This product does not support power linking.

AC Plug The IP66 power input cable in this product comes bare ended. Use the table below to wire a plug for this product or see the connection diagram.

IP66 Power Cable
Table

Connection	Wire (US)	Wire (Europe)	IP66 Pin
AC Live	Black	Brown	1
AC Neutral	White	Blue	2
AC Ground	Green/Yellow	Green/Yellow	3

Male Power IP66 Connector
(toward fixture)

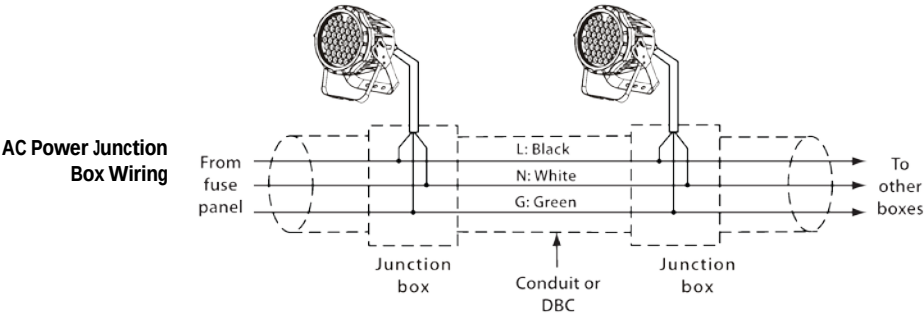


Female Power IP66 Connector
(toward power line)



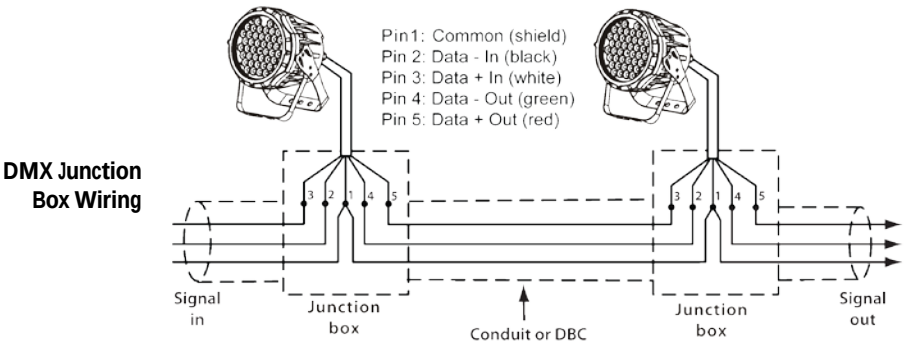
IP66 Connector
Pin out

Power Wiring You can connect the bare-ended IP67 rated AC power cable from the fixture to an IP66 rated power connector (Power Input and Power Output). Alternatively, you may use IP66 rated junction boxes for surface installations, or IP67 rated junction boxes for buried installations. If using connection boxes, make sure to use IP66 rated conduit for surface installations or IP67 rated conduit for buried installations. You could also use direct buried cable (DBC) to link the junction boxes.



DMX Connection

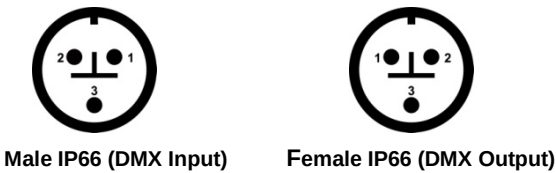
You can connect the bare-ended IP67 rated signal cable from the fixture to two IP66 rated signal connectors (DMX Input and DMX Output). Alternatively, you may use an IP66 rated junction box for a surface installation, or an IP67 rated junction box for a buried installation. If using boxes make sure to use IP66 rated conduit (surface), IP67 rated conduit (buried), or direct buried cable (DBC).



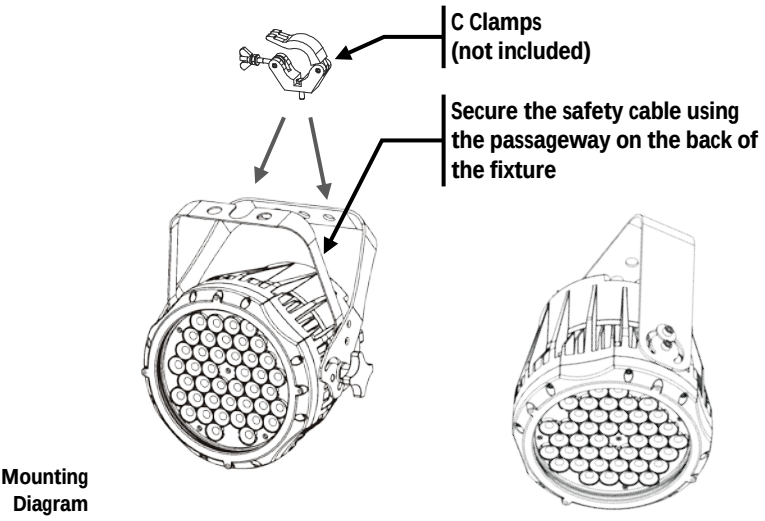
IP66 DMX Cable Table

Connection	DMX In	DMX Out	IP66 Pin
Ground	Shield	Shield	1
Data -	Black	Green	2
Data +	White	Red	3

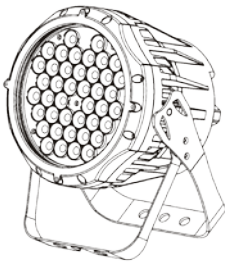
IP66 Connector Pin Out



Mounting Before mounting this product, read the safety notes at the beginning of the Illumipod 42 IP Series User Manual and follow the mounting procedures indicated in it.



Overhead Mounting



Floor Mounting

Control Panel Description	Button	Function
	<MENU>	Exits from the current menu or function
	<ENTER>	Enables the currently displayed menu or sets the currently selected value into the selected function
	<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
	<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function

Password The non-modifiable password is:
 <UP>, <DOWN>, <UP>, <DOWN>

Personality References The table below shows the meanings of the feature codes used in the Description column of the Menu Option tables.

Code	Description	Code	Description
R	Red	DS	Dimmer Speed
G	Green	CM	Color Macro
B	Blue	WM	White Macro
W	White	S	Strobe
CW	Cool White	A	Auto Programs
WW	Warm White	AS	Auto Speed
D	Dimmer	ID	ID Addressing

- Power Control Notes**
- The VW fixtures come with power control to boost the overall light intensity.
 - If left in **HIGH** power mode for too long, the fixture might return to the **NORMAL** power mode as its internal temperature reaches the maximum allowed value.

Upload Notes During the upload process, the fixture indicates with colors the progress of the procedure. The table below shows the color codes for each type of Illumipod 42 IP Optic fixture.

RGBW	VW	Description
Yellow		The upload process in running
Red		The upload failed due to an internal error
Green	CW	The upload ended successfully

Menu Options (RGBW Fixtures)

1 st Level	Programming Levels				Description
STAT			R (red) G (green) b (blue) w (white)	000~255	Combines red, green, blue, and white to form a custom color
			ST (strobe)	00~20	Strobe frequency (0~20 Hz)
AUTO	AT.1~10				Selects any of the 10 auto programs
	PR.1~10				Selects any of the 10 custom (editable) programs
RUN	dMX				Operates with a DMX controller
	SLAVE				Operates with a master fixture
dMX	d.001~512				Sets the DMX starting address
PERS	TOUR				11 channels (RGBW, D, S, CM, A, AS, DS, ID)
	ARC.1				3 channels (RGB)
	AR1.D				4 channels (RGB, D)
	ARC.2				4 channels (RGBW)
	AR2.d				5 channels (RGBW, D)
	AR2.S				6 channels (RGBW, D, S)
	HSV				3 channels (hue, saturation, value)
Id	Id.01~66				Assigns an ID address to the fixture
EDIT	PR. 01~10	SC. 01~30	R (red)	000~255	Combines red, green, blue, and white to form a custom color
			Sb (strobe)	00~20	Strobe frequency (0~20 Hz)
			T (time)	000~255	Step duration
			F (fade)		Fade duration
SET	UPLd (upload)		<Password>		Uploads custom programs to another fixture
	REST (reset)				Resets the fixture to factory settings
	Id (ID addressing)		ON/OFF	Turns ID addressing on or off	
	COLO (color calibration)		OFF	Max output when RGBW faders are at 255	
			RGbw (RGB to white)	Pre-set output when RGBW faders are at 255	
			UC (Universal Color)	Output matches that of older fixtures	
	dIM (dimmer speed)		OFF	Makes dimmer curve linear	
dIM1~4			Changes the dimmer curve (fast ó slow)		
CAL1	wT.01~11 (White temperature)		R (red)	000~255	Modifies the white temperature used in the macros channel (TOUR , channel 6)
CAL2	RGbw (RGB to white)		R (red)	000~255	Modifies the white color used when SET > COLOR > RGbw is active
KEY	ON/OFF				Turns the password on or off

Menu Options (VW Fixtures)

1 st Level	Programming Levels		Description
STAT	w (<i>warm white</i>)	000~255	Warm White and Cool White generate a white temperature (0~100%)
	C (<i>cool white</i>)		
	ST (<i>strobe</i>)	00~20	Strobe frequency (0~20 Hz)
RUN	dMX		Operates with a DMX controller
	SLAV		Operates with a master fixture
dMX	d.001~512		Sets the DMX starting address
PERS	STd.w		2 channels (WW & CW)
	STd.d		3 channels (WW & CW, D)
	STd.1		2 channels (WM, D)
	STd.2		6 channels (WW, CW, WM, S, D, ID)
	UNO		1-channel (dimmer)
Id	Id.01~66		Assigns an ID address to the fixture
SET	UPLd (<i>upload</i>)	<Password>	Uploads custom program to another fixture
	REST (<i>reset</i>)		Resets the fixture to the default, factory settings
	Id (<i>ID addressing</i>)	ON/OFF	Turns ID addressing on or off
	POw (<i>power</i>)	HIGH	High Output (Power consumption: 150 W)
		NORM	Normal Output (Power consumption: 90 W)
	dIM (<i>dimmer speed</i>)	Off	Makes dimmer curve linear
		dIM1~4	Changes the dimmer curve (fast ó slow)
CAL1	wT.01~05 (<i>white temperature</i>)	w (<i>warm white</i>)	Modifies the white temperature used in the white macros channel (STd.2, channel 4)
		C (<i>cool white</i>)	
KEY	ON/OFF		Turns the password on or off

DMX Values (RGBW fixtures)

TOUR

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Red	000 ó 255	0~100%
	Step Time		When running a custom program
3	Green	000 ó 255	0~100%
	Fade Time		When running a custom program
4	Blue	000 ó 255	0~100%
5	White	000 ó 255	0~100%
6	Color Macro + White Balance	000 ó 010	No Function
		011 ó 030	R: 100% G: Up B: 0%
		031 ó 050	R: Down G: 100% B: 0%
		051 ó 070	R: 0% G: 100% B: Up
		071 ó 090	R: 0% G: Down B: 100%
		091 ó 110	R: Up G: 0% B: 100%
		111 ó 130	R: 100% G: 0% B: Down
		131 ó 150	R: 100% G: Up B: Up
		151 ó 170	R: Down G: Down B: 100%
		171 ó 200	R, G, B, & W: 100%
		201 ó 205	White 1: 3,200 K
		206 ó 210	White 2: 3,400 K
		211 ó 215	White 3: 4,200 K
		216 ó 220	White 4: 4,900 K
		221 ó 225	White 5: 5,600 K
		226 ó 230	White 6: 5,900 K
		231 ó 235	White 7: 6,500 K
		236 ó 240	White 8: 7,200 K
		241 ó 245	White 9: 8,000 K
		246 ó 250	White 10: 8,500 K
		251 ó 255	White 11: 10,000 K
7	Strobe	000 ó 010	No Function
		011 ó 255	0~20 Hz
8	Programs	000 ó 020	No Function
		021 ó 030	Auto 1
		031 ó 040	Auto 2
		041 ó 050	Auto 3
		051 ó 060	Auto 4
		061 ó 070	Auto 5
		071 ó 080	Auto 6
		081 ó 090	Auto 7
		091 ó 100	Auto 8
		101 ó 110	Auto 9
		111 ó 120	Auto 10

TOUR (Cont.)

Channel	Function	Value	Percent/Setting					
8 (Cont)	Programs (Cont.)	121 ó 130	Custom 1					
		131 ó 140	Custom 2					
		141 ó 150	Custom 3					
		151 ó 160	Custom 4					
		161 ó 170	Custom 5					
		171 ó 180	Custom 6					
		181 ó 190	Custom 7					
		191 ó 200	Custom 8					
		201 ó 210	Custom 9					
		211 ó 220	Custom 10					
		221 ó 255	No Function					
9	Auto Speed Adjust	000 ó 255	0~100% (only when running auto programs)					
10	Dimmer Speed	000 ó 009	Preset dimmer speed					
		010 ó 029	Linear dimmer					
		030 ó 069	Dimming curve 1 (fastest)					
		070 ó 129	Dimming curve 2					
		130 ó 189	Dimming curve 3					
		190 ó 255	Dimming curve 4 (slowest)					
11	ID Addressing	Value	Setting	Value	Setting	Value	Setting	
		000 ó 009	All IDs	212	ID 23	235	ID 46	
		010 ó 019	ID 1	213	ID 24	236	ID 47	
		020 ó 029	ID 2	214	ID 25	237	ID 48	
		030 ó 039	ID 3	215	ID 26	238	ID 49	
		040 ó 049	ID 4	216	ID 27	239	ID 50	
		050 ó 059	ID 5	217	ID 28	240	ID 51	
		060 ó 069	ID 6	218	ID 29	241	ID 52	
		070 ó 079	ID 7	219	ID 30	242	ID 53	
		080 ó 089	ID 8	220	ID 31	243	ID 54	
		090 ó 099	ID 9	221	ID 32	244	ID 55	
		100 ó 109	ID 10	222	ID 33	245	ID 56	
		110 ó 119	ID 11	223	ID 34	246	ID 57	
		120 ó 129	ID 12	224	ID 35	247	ID 58	
		130 ó 139	ID 13	225	ID 36	248	ID 59	
		140 ó 149	ID 14	226	ID 37	249	ID 60	
		150 ó 159	ID 15	227	ID 38	250	ID 61	
		160 ó 169	ID 16	228	ID 39	251	ID 62	
		170 ó 179	ID 17	229	ID 40	252	ID 63	
		180 ó 189	ID 18	230	ID 41	253	ID 64	
		190 ó 199	ID 19	231	ID 42	254	ID 65	
		200 ó 209	ID 20	232	ID 43	255	ID 66	
			210	ID 21	233	ID 44		
			211	ID 22	234	ID 45		

HSV

Channel	Function	Value	Percent/Setting
1	Hue	000 ó 255	0~100%
2	Saturation	000 ó 255	0~100%
3	Value	000 ó 255	0~100%

ARC1

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0~00%
2	Green	000 ó 255	0~100%
3	Blue	000 ó 255	0~100%

ARC1+D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~00%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue	000 ó 255	0~100%

ARC2

Channel	Function	Value	Percent/Setting
1	Red	000 ó 255	0~00%
2	Green	000 ó 255	0~100%
3	Blue	000 ó 255	0~100%
4	White	000 ó 255	0~100%

ARC2+D

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~00%
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%

ARC2+S

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~00%
2	Red	000 ó 255	0~100%
3	Green	000 ó 255	0~100%
4	Blue		

DMX Values (VW fixtures)

Std.1

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	White macro	000 ó 255	0~100%

Std.2

Channel	Function	Value	Percent/Setting				
1	Dimmer	000 ó 255	0~100%				
2	Warm white	000 ó 255	0~100%				
3	Cool white	000 ó 255	0~100%				
4	White macro	000 ó 010	No Function				
		011 ó 050	White 1: 3200 K				
		051 ó 080	White 2: 3400 K				
		081 ó 110	White 3: 4200 K				
		111 ó 140	White 4: 4900 K				
		141 ó 255	White 5: 5600 K				
5	Strobe	000 ó 009	No Function				
		010 ó 255	0~20 Hz				
6	ID Addressing	Value	Setting	Value	Setting	Value	Setting
		000 ó 009	All IDs	212	ID 23	235	ID 46
		010 ó 019	ID 1	213	ID 24	236	ID 47
		020 ó 029	ID 2	214	ID 25	237	ID 48
		030 ó 039	ID 3	215	ID 26	238	ID 49
		040 ó 049	ID 4	216	ID 27	239	ID 50
		050 ó 059	ID 5	217	ID 28	240	ID 51
		060 ó 069	ID 6	218	ID 29	241	ID 52
		070 ó 079	ID 7	219	ID 30	242	ID 53
		080 ó 089	ID 8	220	ID 31	243	ID 54
		090 ó 099	ID 9	221	ID 32	244	ID 55
		100 ó 109	ID 10	222	ID 33	245	ID 56
		110 ó 119	ID 11	223	ID 34	246	ID 57
		120 ó 129	ID 12	224	ID 35	247	ID 58
		130 ó 139	ID 13	225	ID 36	248	ID 59
		140 ó 149	ID 14	226	ID 37	249	ID 60
		150 ó 159	ID 15	227	ID 38	250	ID 61
		160 ó 169	ID 16	228	ID 39	251	ID 62
		170 ó 179	ID 17	229	ID 40	252	ID 63
		180 ó 189	ID 18	230	ID 41	253	ID 64
		190 ó 199	ID 19	231	ID 42	254	ID 65
		200 ó 209	ID 20	232	ID 43	255	ID 66
			210	ID 21	233	ID 44	
	211	ID 22	234	ID 45			

Std.w

Channel	Function	Value	Percent/Setting
1	Warm white	000 ó 255	0~100%
2	Cool white	000 ó 255	0~100%

Std.d

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%
2	Warm white	000 ó 255	0~100%
3	Cool white	000 ó 255	0~100%

UNO

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ó 255	0~100%

Contact Us

General Information

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