EK

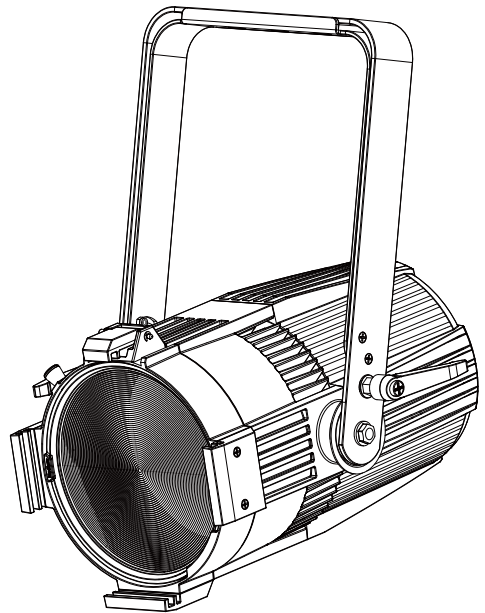## epar VW INFINITI

RGBW Variable White COB LED PAR
with interchangeable
24- and 65-degree lenses

TABLE OF CONTENTS

PACKING CONTENT

• EPAR INFINITI VW
• 1 x 24° Fresnel lens
• 1 x 65° Fresnel lens
• Power cord
• User manual
• Warranty Card

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SAFETY

General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with CE.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
  - in places subject to vibrations or bumps;
  - in places with a temperature of over 45℃.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

Warnings and installation precautions

- This equipment is reserved for professional use. It is not intended for domestic use.
- The unit for indoor use only. To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, etc.
- Always inspect the mechanical and electrical parts of EPAR equipment before fitting to check they are not damaged. Do not operate the product if you see damage. If the part is damaged, it has to be replaced by a qualified technician.
- Don't connect the device to a dimmer pack.
- Before starting any maintenance work or cleaning the fixture, cut off power from the main supply.
- Never attach to product other equipment different EPAR accessories.
- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Keep any inflammable material at a safe distance from the fixture.
- Make sure that the power-cord is never crimped or damaged. Check the device and the power cord from time to time. If the external cable is damaged, it has to be replaced by a qualified technician.

INTRODUCTION

The EPAR INFINITI VW is an RGBW Variable White COB LED PAR with multiple lens options and highly accurate color rendering.
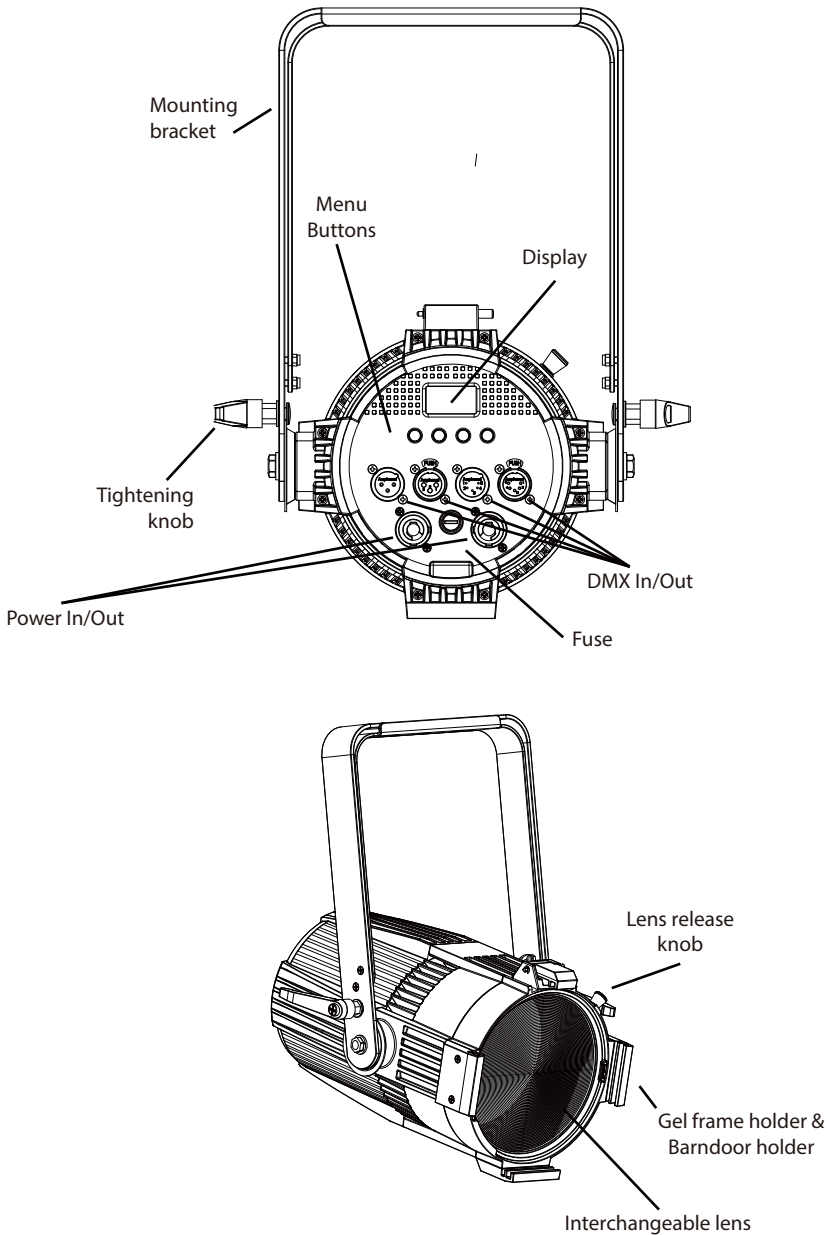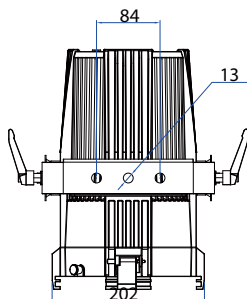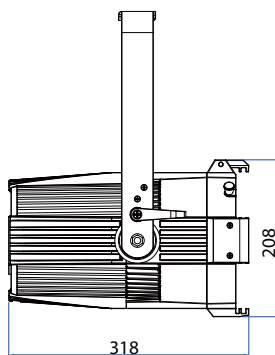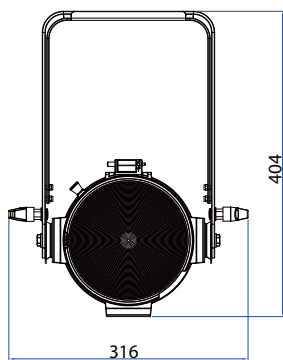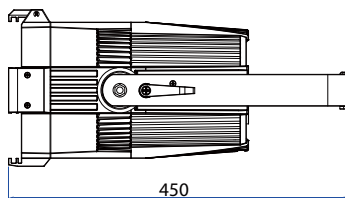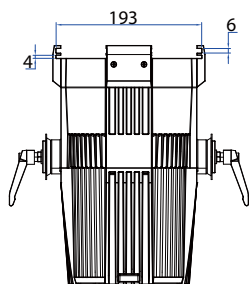
FEATURES

• RGBW Chip On Board LED array produces brilliant colors and perfect whites
• Variable white color temperature selection from 2800K ~ 6500K
• Detachable lenses for choice of medium or wide beam angles
• Quiet operation suitable for studio use
• Flicker-free output with selectable PWM frequencies for worry-free video
• Auto shows, manual color and white balance control via onboard menu
• Ultra-linear dimming technology with 4 selectable dimming curves
• Double mounting bracket allows fixture to be flown or floor-mounted
• Optional barndoors, egg crates and media holders
• Power linking (Truecon In/Out)
• 3-pin and 5-pin DMX In/Out
• Rugged die-cast body
• DMX and RDM control with optional W-DMX

SPECIFICATIONS

Light Source:	COB RGBW LED
Beam Angle:	24° / 65°
Field Angle:	40° / 98°
Output (luminous flux):	24° : 5720 lm / 65° : 5130 lm
Color Rendering:	@ 3200K or 4000K : CRI > 90 / R9 > 80
Color Temp Presets:	2800K-6500K
Strobe:	1-30 Hz
PWM Frequency options:	600 / 1200 / 2000 / 4000 / 6000 Hz or 25 KHz
Dimming:	4 dimming curve modes
Control:	DMX, RDM (optional W-DMX)
DMX Channels:	4 / 6 / 10
Display:	OLED function menu with 4 touch buttons
Mains:	100V-240V. 50/60 Hz (auto-ranging)
Consumption:	150W
Power connections:	Truecon In/Out
Data connections:	3-pin and 5-pin XLR In/Out for DMX
Housing Material:	Diecast aluminum
Finish:	Matte black
IP rating:	IP20
Cooling:	Active (variable speed fan with silent mode)
Dimensions:	450 x 316 x 208 mm
Weight:	5.8 KG

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OVERVIEW

Mounting bracket

Menu Buttons

Display

Tightening knob

Power In/Out

DMX In/Out

Fuse

Lens release knob

Gel frame holder & Barndoor holder

Interchangeable lens

DIMENSIONS

FUNCTION MENU

Main Menu	Submenu	Submenu		Submenu	Defaults
DMX Address	< 001 - 512 >				Default: 001
DMX Channel	4Ch				Default: 10CH
	6Ch				
	10Ch				
Static	Fixed Color	R	RGB		Default: RGBW
		G	RGW		
		B	RBW		
		W	GBW		
		RG	RGBW		
		RB			
		RW			
		GB			
		GW			
		BW			
	Color Temperature	2800K		Dimmer < 0-255 >	Default: 3200K Dimmer=255
		3200K			
		3500K			
		4000K			
		4500K			
		5000K			
		5600K			
		6000K			
		6500K			
	Manual Color Mixer	Red	<0-255>		Default RGBW=255
		Green	<0-255>		
		Blue	<0-255>		
		White	<0-255>		
Auto Show	Auto 1	<1-100>			Default: Auto 1; Speed:100
	Auto 2	<1-100>			
	Auto 3	<1-100>			
	Auto 4	<1-100>			
	Auto 5	<1-100>			

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FUNCTION MENU

Master/Slave	Master			Default: Slave
	Slave			
Dimmer Mode	Off			Default: Off
	Dimmer 1			
	Dimmer 2			
	Dimmer 3			
White Balance	Off			
	Manual	Red	<125-255>	Default :RGBW=255
		Green	<125-255>	
		Blue	<125-255>	
		White	<125-255>	
LED Frequency	600Hz			Default: 1200Hz
	1200 Hz			
	2000 Hz			
	4000 Hz			
	6000 Hz			
	25KHz			
Fan Mode	Auto Speed			Default : Auto Speed
	ON			
	OFF			
	Silent			
Wireless Setting (optional feature)	Receive On/Off	On		Default: Off
		Off		
	Receive Reset	No		Default: No
		Yes		
Back Light	On			Default: On
	10S			
	20S			
	30S			
Information	Fixture Hours	<9999H>		
	Version	<V1.0>		
	UID:	030F040*****		
Reset Factory	No			
	Yes			

DMX CHART

4CH	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%

6CH	Function	Value	Percent/Setting
1	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	Strobe	000-010	NO Function
		011-255	Strobe Slow to Fast

10CH	Function	Value	Percent/Setting
1	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	Strobe	000-010	No function
		011-255	Strobe slow to fast
7	Color Temperature	000-005	No Function
		006-025	2800K
		026-050	3200K
		051-075	3500K
		076-100	4000K
		101-125	4500K
		126-150	5000K
		151-175	5600K
		176-200	6000K
		201-225	6500K
		226-255	No Function
8	Auto programs	000-010	No Function
		011-060	Auto Program 1
		061-110	Auto Program 2
		111-160	Auto Program 3
		161-210	Auto Program 4
		211-255	Auto Program 5 (Auto Program 1-4)
9	Auto speed	000-255	Auto speed slow to fast
10	Dimmer Speed Mode	000-051	No function
		052-101	Dimmer speed mode off (Hold 3S to override menu setting)
		102-152	Dimmer speed mode 1 (Hold 3S to override menu setting)
		153-203	Dimmer speed mode 2 (Hold 3S to override menu setting)
		204-255	Dimmer speed mode 3 (Hold 3S to override menu setting)

OPERATION

DMX ADDRESS & DMX CHANNEL
Press MENU, use UP or DOWN to find the desired menu item, press ENTER
Set the fixture's starting address and select mode (4-, 6- or 10-channel)
Press UP or DOWN to select values, press ENTER to confirm

STATIC: COLOR PRESETS / COLOR TEMP PRESETS / COLOR MIXING
Select a choice of fixed color presets, white color temperatures, or
use the Manual Color Mixer to set RGBW values for custom colors.
Press UP or DOWN to select values, press ENTER to confirm

AUTO SHOW
Choose a pre-programmed show and set its playback speed.

MASTER/SLAVE
Assign the first fixture in a daisy-chain to act as Master to synchronize multiple units.

DIMMER MODE: DIMMING CURVE SELECTION
Select a dimming curve to set dimming behavior (linear / fast / medium / slow).

WHITE BALANCE
Adjust RGBW values to modify default white balance settings.

LED FREQUENCY
Select the appropriate PWM frequency to achieve flicker-free video reproduction.

FAN MODE
Choose from four fan modes: Auto (fan will automatically adjust speed according to
internal operating temperature), On (always on), Off (always off), Silent

WIRELESS SETTING
In fixtures that include a W-DMX receiver:
Select ON to activate wireless capability
Select Receive Reset and choose YES to pair the fixture with a wireless transmitter.

BACK LIGHT
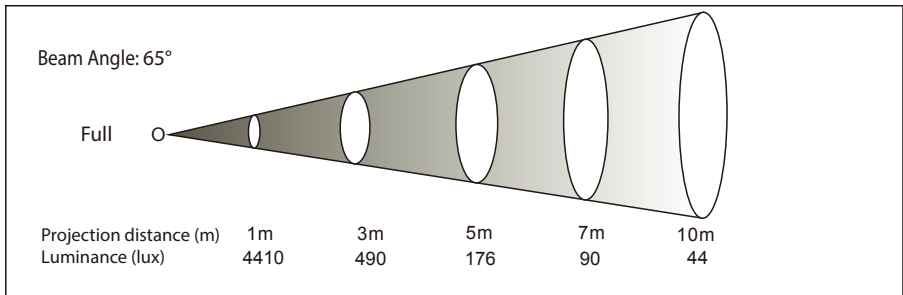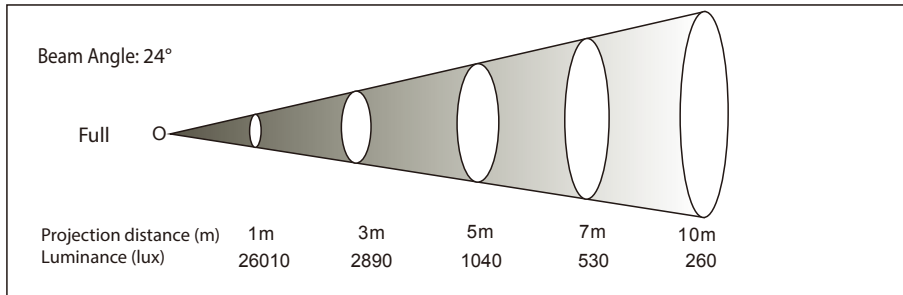Set display behavior: On (always on), or auto blackout after 10, 20 or 30 seconds.

INFORMATION
View total fixture operating hours, software version, and unique RDM identifier

FACTORY RESET
Select YES to return the fixture to default factory settings.

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PHOTOMETRICS

Beam Angle: 24°

Full   O

Projection distance (m)	1m	3m	5m	7m	10m
Luminance (lux)	26010	2890	1040	530	260

Beam Angle: 65°

Full   O

Projection distance (m)	1m	3m	5m	7m	10m
Luminance (lux)	4410	490	176	90	44

FUSE REPLACEMENT

1. Disconnect this product from the power outlet.
2. Using a screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with a good fuse of the same type and rating (T3.15A/250V).
4. Screw the fuse holder cap back in place and reconnect power.

EKINC.

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