

# IFROG<sup>®</sup>

Jump (in) to the affordable stability

-by Hotion

## PRODUCT CATALOGUE

2018/19

### PROFESSIONAL LIGHTING



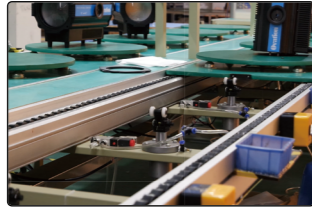
[www.hotion.com](http://www.hotion.com)

# About Us

Guangzhou Hotion Technology Co., Ltd(Ovation Lighting) has been engaged in R&D, manufacturing durable, advanced and affordable studio & theater lighting, professional stage lighting, entertaining lighting as well as architecture lighting products. Our company is ISO9001:2015 recognized, with modern production line, full QC system and a series of test machines. Products from Ovation are CE, RED, ETL certificated.



Factory



Motorized Production Line



Temp & Humi Test Machine



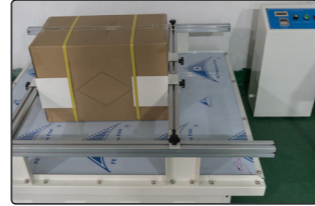
Loading Container



Aging Test



QC Check



Transportation Test

**B-19**

19x15W RGBW LED Zoom



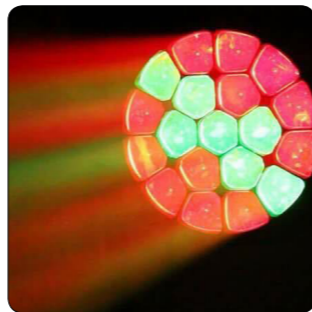
The B19 is a 19x15W moving head zoom light. It features compact and unique honeycomb design, beam, wash, swirl, kaleidoscope effect. Bi-directional and continuous rotating front lens and 4-60° zoom angle which is idea for small and big application.

**Key features:**

- 19x15W RGBW LED
- Beam, wash or kaleido effects
- Intelligent dyeing effect
- Front lens Bi-directional Rotation
- Zoom range from 4-60°, suitable for small and big applications
- Individual control of each LED. With unique honeycomb designed lens
- Beam edge feathering effect(wash mode)
- Speed adjustable stop / strobe effect, with an instant light, dark field function

**Application:**

- Events
- Disco, club
- Dance hall
- Pub, bar

**Technical Data**

Power supply:	AC100-240V, 50/60Hz
Light source:	19x15W LED
Color mixing:	RGBW 4-in-1
Pan:	540°
Tilt:	270°
Zoom scale:	4°-60° motorized
Power connection:	PowerCON in&out
Signal connection:	3-pin XLR in&out(5-pin optional)
DMX channels:	21/23/35/78/92/97/99
Control mode:	DMX 512, Sound, Auto program
Housing:	Colour black, ABS
Size:	494 x 358 x 253mm(19.5 x 14.1 x 9.9in)
Package(carton):	790 x 350 x 360mm(31.1 x 13.8 x 14.2in)
N.W.:	15.5kg(34.2lb)
G.W.:	20kg(44.1lb)
Accessories(included):	Power cable, safety rope
Accessories(optional):	Gobo holder, gel frame, clamp
Environment:	IP20



New

**Key features:**

- 7x40W RGBW 4-in-1 LED
- Even color mixing
- Narrow beam effect
- Super fast head moving
- Accurate positioning
- Video flicker free
- Position auto correction
- Overheating protection

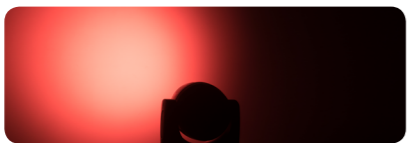
**Application:**

- Stage
- Concerts
- Night club
- Venues
- Events

The iFrog mainforce 740 is a 7x40W LED moving head zoom light with RGBW color mixing. Features very quick response speed, narrow beam and even wash effect, 4-32° motorized zoom.

**Technical Data**

Power supply:	AC100-240V, 50/60Hz
Light source:	7 x 40W RGBW 4in1 LEDs
Pan:	540°
Tilt:	270°
Zoom range:	4°-32°motorized
Strobe:	0-20 times/sec, adjustable
Power connection:	PowerCON in&out
Signal connection:	3 pin XLR in&out(5 pin optional)
DMX channels:	12/17
Controlmode:	DMX 512, Auto Program, Sound, Master-Slave
Housing:	Colour black, Plastic
Size:	390 x 225 x 305mm(15.3 x 8.8 x 12in)
N.W.:	9kg(19.8lb)
Accessories(included):	Power cable, safety rope
Accessories(optional):	Clamp, DMX cable
Environment:	IP20

**MAINFORCE 740**

7x40W LED Moving Beam&amp;Wash

**iWash 36**

36 x 8W RGBW Moving Head Zoom

**Key features:**

- 36 x 8W RGBW LED
- 15-60° motorized zoom
- High quality LEDs, even color mixing
- Position auto correction
- LCD display
- Video flicker free

**Application:**

- Stage
- Concerts
- Night club
- Venues
- Events

The iWash is a 36 x 8W LED moving head zoom light with RGBW color mixing. Features 15-60° motorized zoom, video flicker free, HQ LEDs, even color mixing. Over 2000 Ovation Explorer are used in car exhibitions in Beijing, Shanghai, Guangzhou.

**Technical Data**

Power supply:	AC100-240V, 50/60Hz
Light source:	36 x 8W RGBW 4in1 LEDs
Pan:	540° or 630°, 8 or 16 bit resolution
Tilt:	270°, 8 or 16 bit resolution
Zoom range:	15°-60° motorized
Strobe:	0-25 times/sec, adjustable
Power connection:	PowerCON in
Signal connection:	3 pin XLR in&out(5-pin optional)
DMX channels:	13
Control mode:	DMX 512, Auto, Sound, Master slave
Housing:	Colour black, ABS
Size:	345 x 245 x 385mm(13.6 x 9.6 x 15.2in)
Package(carton):	455 x 405 x 700mm(17.9 x 15.9 x 27.6in)
N.W.:	9.8kg(21.6lb)
G.W.:	14kg(30.8lb)
Accessories(included):	Power cable, safety rope
Accessories(optional):	Clamp, DMX cable
Environment:	IP20





**Key features:**

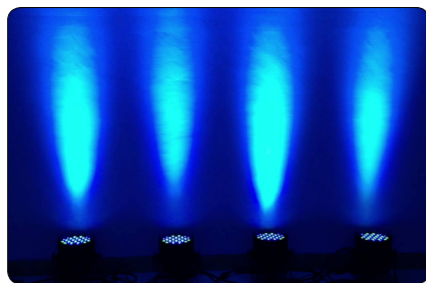
- 54x3W RGBW LED
- 14R, 14G, 14B, 12W
- Unique optical, even color mixing
- RDM, DMXcontrol, address set remotely
- Video flicker free
- Long LED life
- Aluminum housing

**Technical Data**

Power supply:	AC100-240V, 50/60Hz
Light source:	54 x 3 RGBW LED
LED color:	14R, 14G, 14B, 12W
Beam angle:	25°
Power connection:	16A gland power cable
Signal connection:	3-pin DMX in&out
Control channels:	4/7/8
Control mode:	RDM, DMX, Sound, Master-slave
Housing:	Black, Die-casting aluminum
Size:	325 x 290 x 220mm(12.8 x 11.4 x 8.7in)
Package size(carton):	290 x 290 x 410mm(11.4 x 11.4 x 16in)
N.W.:	3.5kg(7.7lb)
Environment:	IP20

**POP 354**

54\*3 RGBW LED par

**Key features:**

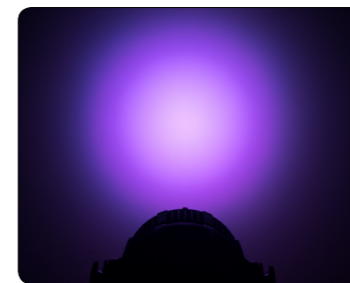
- 54x3W RGBW LED
- 14R, 14G, 14B, 12W
- Unique optical, even color mixing
- RDM, DMXcontrol, address set remotely
- 4 grade dimmer speed
- Video flicker free
- Long LED life
- Die-casting aluminum
- IP65 rating

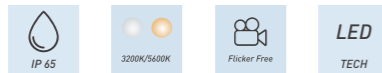
**Technical Data**

Power supply:	AC100-240V, 50/60Hz
Light source:	54 x 3 RGBW LED
LED color:	14R, 14G, 14B, 12W
Beam angle:	25°
Power connection:	IP power cable in&out
Signal connection:	IP 3-pin DMX in&out
Control channels:	ARC.1(3), AR1.D(4), ARC.2(4), AR2.D(5), AR2.S(6), HSV(3), STAG(11)
Dimmer speed:	4 grade
Control mode:	RDM, DMX, Sound, Master-slave
Housing:	Black, Die-casting aluminum
Size:	340 x 230 x 280mm
Package size(carton):	240 x 290 x 290mm
N.W.:	6.7KG
Accessories(included):	IP power cable, IP signale cable
Accessories(optional):	Safety cable, Clamp
Environment:	IP65

**EXT 354**

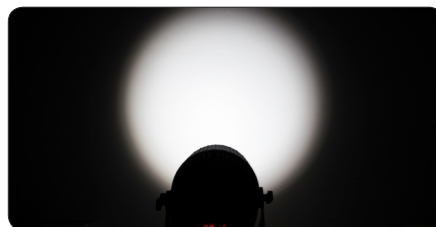
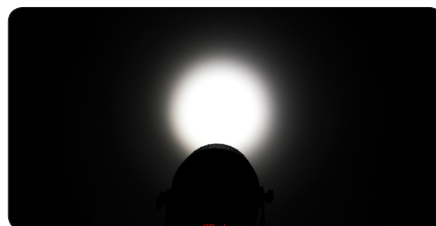
54\*3 RGBW outdoor par





**Key features:**

- 150W high power LEDs
- 3200K/5600K LED optional
- 15-55° motorized zoom
- 16 bit smooth dimming
- Flicker free for TV and Film
- IP 65, outdoor use



## EXT 150 Zoom

150W LED fresnel par outdoor

EXT 150 zoom is a 150W white LED fresnel par with moto zoom, it features high power LED, high CRI, IP 65 rated, full aluminum housing.

**Technical Data**

Power supply:	100-240 V AC, 50/60 Hz
Light source:	150W COB LED
Color temperature:	3200K/5600K optional
Zoom range:	15°-55° motorized
Control mode:	DMX, Auto programs, Master-slave
DMX channel:	2/3
Power connection:	IP rated power cable
Signal connection:	IP rated data connector
Housing:	Colour black, Aluminum
Size:	320 x 300 x 355mm(12.6 x 11.8 x 13.9in)
N.W.:	9kg(19.8lb)
Environment:	IP65

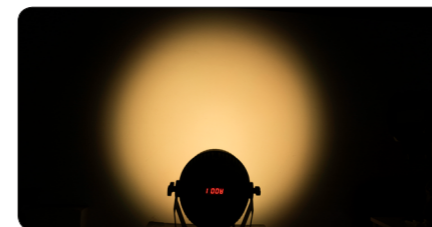
## EXT 150C Zoom

150W RGBW LED fresnel par outdoor



**Key features:**

- 150W high power LEDs
- RGBW 4in1 LEDs
- Even and flat color mixing
- 15-55° motorized zoom
- 16 bit smooth dimming
- Flicker free for TV and Film
- IP 65, outdoor use



EXT 150C zoom is a 150W RGBW LED fresnel par with moto zoom, it features high power LED, even color mixing, IP 65 rated, full aluminum housing.

**Technical Data**

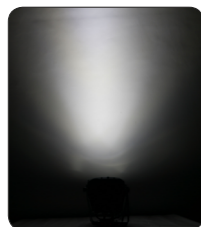
Power supply:	100-240 V AC, 50/60 Hz
Light source:	150W COB LED
LED color:	RGBW 4in1 LED
Zoom range:	15°-55° motorized
Control mode:	DMX, Auto programs, Master-slave
DMX channel:	5/9
Power connection:	IP rated power cable
Signal connection:	IP rated data connector
Housing:	Colour black, Aluminum
Size:	320 x 300 x 355mm(12.6 x 11.8 x 13.9in)
N.W.:	9kg(19.8lb)
Environment:	IP65

**Key features:**

- 40x3W LEDs
- IP65 rated, outdoor use
- Dual bracket
- Master-slave operation
- Aluminum housing
- Anti-corrosive coating
- Overheat protection
- Single color or RGBW mixing selectable
- Four dimmer mode selectable



\*Tophat optional\*

**EXT 340**

40x3W LED OUTDOOR PAR

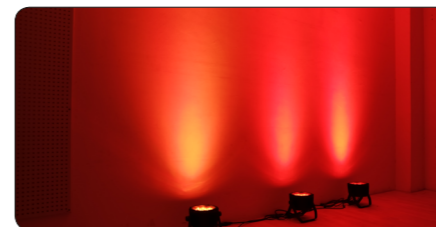
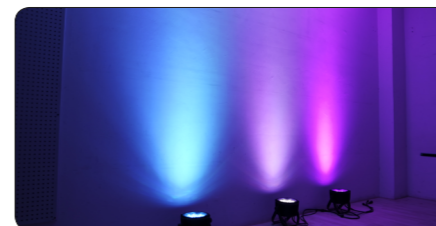
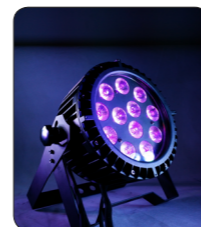
Powered by 40x3W LED, the EXT340 is an IP65 rated outdoor LED par light. It features light weight design, aluminum housing, various dimmer mode selectable.

**Technical Data**

Power supply:	100-240 V AC, 50/60 Hz
Light source:	40x3W LEDs
LED color:	Single color(R, G, B, W)/RGBW mixing
Beam angle:	10°/20°
Control mode:	DMX 512, Sound active, Auto programs
Dimmer mode:	4
DMX channel:	1(single color)/4(RGBW color mixing)
Fixture connection:	IP rated power and dataconnector
Power consumption:	120W
Housing:	Colour black, Aluminum
Size:	250 x 195 x 245mm(9.8 x 7.7 x 9.6in)
Package(carton):	250x 250 x 300mm(9.8 x 9.8 x 11.8in)
N.W.:	4.1kg(9lb)
G.W.:	5kg(11lb)
Environment:	IP65

**Key features:**

- 12x12W LEDs
- RGBW quad color
- Master-slave operation
- Aluminum housing
- Overheat protection
- Built-in color marcos
- Flicker free for TV and Film
- IP65 rated, outdoor use

**EXT 1212**

12x12W RGBW LED PAR

The EXT 1212 is a 12x12W RGBW 4-in-1 LED par light. It features full aluminum housing, high brightness, IP65 rated outdoor use.

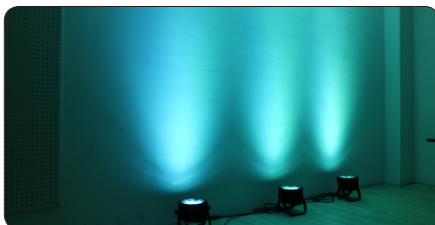
**Technical Data**

Power supply:	100-240 V AC, 50/60 Hz
Light source:	12x12W LEDs
LED color:	RGBW quad color
Beam angle:	25°
Control mode:	DMX, Auto programs, Master-slave
DMX channel:	8
Power connection:	IP rated power cable
Signal connection:	IP rated dataconnector
Housing:	Colour black, Aluminum
Size:	270 x 145 x 300mm(10.6 x 5.7 x 11.8in)
Package(carton 4in1):	550 x 550 x 410mm(21.6 x 21.5 x 16.2in)
N.W.:	4.5kg(9.9lb)
G.W.:	5.5kg(12lb)
Environment:	IP65



**Key features:**

- 18x12W LEDs
- RGBW quad color
- Master-slave operation
- Aluminum housing
- Overheat protection
- Built-in color marcos
- Flicker free for TV and Film
- IP65 rated, outdoor use

**EXT 1218**

18x12W RGBW LED PAR OUTDOOR

The EXT 1218 is a 18x12W RGBW 4-in-1 LED par light. It features full aluminum housing, high brightness, IP65 rated outdoor use.

**Technical Data**

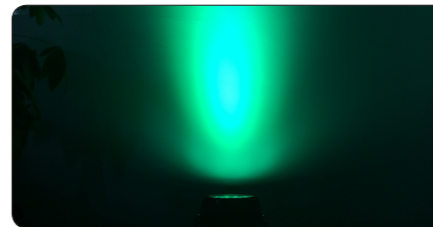
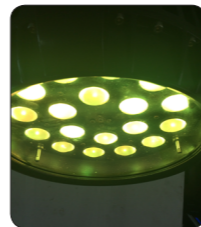
Power supply:	100-240 V AC, 50/60 Hz
Light source:	18x12W LEDs
LED color:	RGBW quad color
Beam angle:	25°
Control mode:	DMX, Auto programs, Master-slave
DMX channel:	8
Power connection:	IP rated power cable
Signal connection:	IP rated dataconnector
Housing:	Colour black, Aluminum
Size:	270 x 145 x 300mm(10.6 x 5.7 x 11.8in)
Package(carton 4in1):	550 x 550 x 410mm(21.6 x 21.5 x 16.2in)
N.W.:	4.5kg(9.9lb)
G.W.:	5.5kg(12lb)
Environment:	IP65

**EXT 1218 ZOOM**

18x12W RGBW LED PAR OUTDOOR ZOOM

**Key features:**

- 18x12W LEDs
- RGBW quad color
- 15°-60° motorized zoom
- Master-slave operation
- Aluminum housing
- Overheat protection
- Built-in color marcos
- Flicker free for TV and Film
- IP65 rated, outdoor use



The EXT 1218 zoom is a 18x12W RGBW 4-in-1 LED par light with zoom. It features full aluminum housing, high brightness, IP65 rated outdoor use.

**Technical Data**

Power supply:	100-240 V AC, 50/60 Hz
Light source:	18x12W LEDs
LED color:	RGBW quad color
Zoom range:	15°-60° motorized zoom
Control mode:	DMX, Auto programs, Master-slave
DMX channel:	5/10
Power connection:	IP rated power cable
Signal connection:	IP rated data connector
Housing:	Colour black, Aluminum
Size:	315 x 240 x 375mm(12.4 x 9.5 x 14.7in)
Package(twin):	660 x 340 x 420mm(26 x 13.4 x 16.5in)
N.W.:	10kg(22lb)
Environment:	IP65



## 240 controller

### Technical Data

Power supply:	100-240 V AC, 50/60 Hz
Output signal specifications:	DMX512 international standard
Total number of channels:	192channels
Number of scanners:	24scanner
Max. number of channels for the scanner:	16
Number of chases(scenes):	12chase
Maximal number of chase steps (scene):	40steps
Total number of chase steps (scene):	480steps
Scene pause time:	0.1-25.5 second/step
Scene cross speed:	0.1-25.5 seconds
Dimmer channel:	24hannels
Display screen:	LCD display, 16x2characters
DMX512 outputs interface:	3-core XLR pin socket and socket
Memory capacity:	128 K high capacity memory card
Size:	485 x 220 x 70mm(19.1 x 8.7 x 2.8in)
N.W.:	2.9kg(6.4lb)

## 1024 controller



1024 DMX controller can control up to 96 fixtures. It is compatible with the library in R20 format and featured with built-in shape effects of pan/tilt circle, RGB rainbow, beam dimming wave, etc. 10 scenes and 5 built-in shapes can be output simultaneously. Sliders can be used to output scenes and adjust the intensity of the dimmer channels in the scenes.

### Technical Data

Power supply:	100-240 V AC, 50/60 Hz
DMX channels:	1024
Fixture:	96
Channels for each fixture:	40 primary + 40 fine tune
Library:	Avolite Pearl R20 library supported
Re-patched Fixture address:	Yes
Scene:	60
Scenes to run simultaneously:	10
Scene step:	600
Time control of scenes:	Fade in/out, LTP slope
Shapes for each scene:	5
Shape generator:	Shapes of Dimmer, Pan/Tilt, RGB, CMY, Color, Gobo, Iris and Focus
Shapes to run simultaneously:	5
Master slider:	Global, playback, fixture
USB Memory:	FAT32 supported
Size:	485 x 400 x 115mm(19.1 x 15.7 x 4.5in)
Weight:	6kg(13.2lb)



An ISO 9001:2015 Co.



### Our trademarks:



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