



LIGHT SKY[®]

PEARL WASH

The PEARL WASH, multipurpose wash fixture not only is a high powered beam / wash light (7- 55deg.) but is also is a stunning effects light when used as a kaleidoscope beam effect.

Technical Parameters

Light and power supply system

Voltage	AC100~240V 50/60HZ	Colour temp.	8000K
Rated power	500W	LED power	12 x 40w RGLB (RGBW optional)
Power factor	0.985	Strobe	1-25 times/second
Lifespan	30000h.	Dimmer	electronic dimmer,0-100% linear adjustment

Colour / Pattern / Effect

Colour mixing system	Linear RGLB colour mixing system	Effect	1 x Kaleidoscope - multi beam
CTO	Linear 2200K - 6500K	Lens rotation	Infinity
Zoom angle	Linear 7°- 55°	Ring control	At least 3 LED chip

Control system

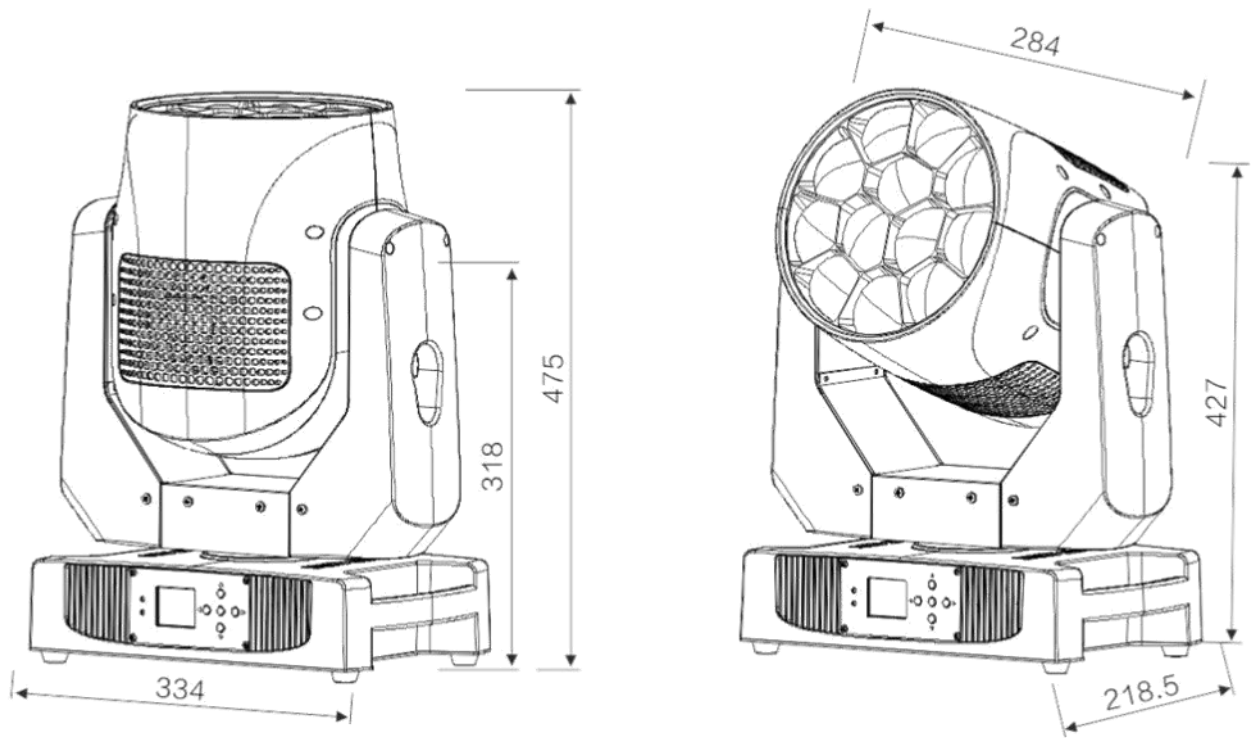
Control mode	DMX-512, RDM, Art-Net	Pan/Tilt Resolution	2.11°/1.05°
Channel	Standard channel: 26CH; Extension channel: 38CH	Pan/Tilt Speed	Adjustable
Display	1.77 in. LCD screen	Software upgrade	Via USB
Pan / Tilt	540° / 270°	Cooling	Forced ventilation with axial fans.

Appearance parameters

Light Size	334x218.5x479(mm)	IP Rate	IP20
A single carton size	410x290x575(mm)	2Pcs to a Flycase	660X500X720(mm)
N.W / G.W	15.3Kg fixture / 17.6Kg in carton	N.W / G.W	30.6Kg / 62.1Kg
Structure	heat-proof plastic + module pressing alloy materials		

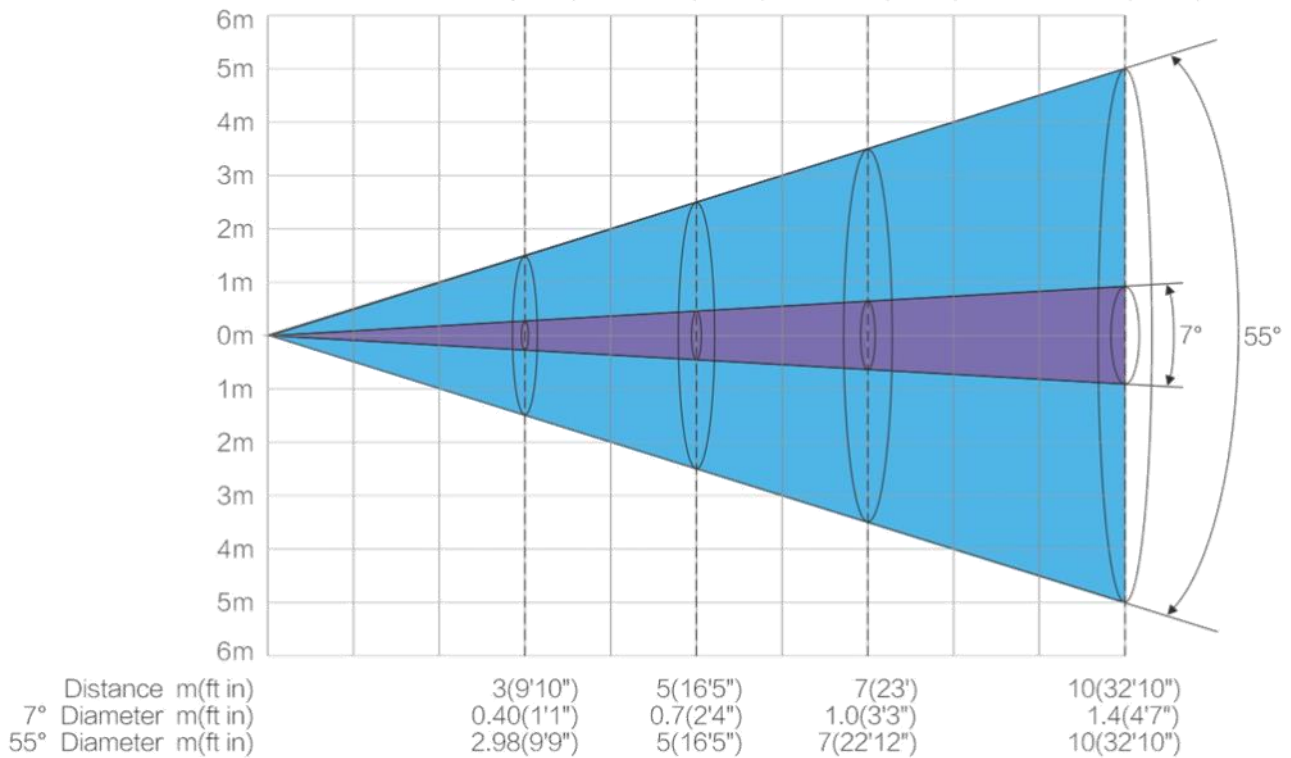
Other function

CE Mark	In conformity with the Low Voltage Directive of European Union -- 2014/35/EU and Electromagnetic compatibility Directive -- 2014/30/EU.		
---------	---	--	--



Distance, spot diameter and illumination diagram

55° Lux(fc) R	332(30)	97(9)	72(6.7)	33(2)
G	1037(96.4)	390(36.2)	215(20)	102(4)
B	191(17.8)	75(7)	42(3.9)	20(0.1)
W	1236(114.9)	466(43.3)	256(23.8)	97(5)
RBGW	2160(200.7)	703(65.3)	398(37)	162(9)
7° Lux(fc) R	4090(380.1)	1454(135.2)	752(69.9)	349(32.4)
G	12792(1189)	4624(429.7)	2408(223.8)	1136(105.6)
B	2260(210)	822(76.4)	427(39.7)	208(19.3)
W	14709(1367)	5464(507.8)	2757(256.0)	1188(65)
RBGW	26310(2445)	9154(850.7)	4001(371.8)	2134(110.4)



DMX Channel setting

38 Channel mode

Pearl wash	38 Ch	DMX Value	Function
Pan	1	0 - 255	0 > 540 degrees
Fine Pan	2	0 - 255	0 > 2 degrees
Tilt	3	0 - 255	0 > 270 degrees
Fine Pan	4	0 - 255	0 > 2 degrees
Reset	5	0 - 127 128 - 255	No function Reset light
Dimmer	6	0 - 255	0 - 100%
Dimmer fine	7	0 - 255	0 - 100%
Strobe	8	0 - 3 4 - 103 104 - 107 108 - 207 208 - 212 213 - 225 226 - 238 239 - 251	Light on Strobe speed Light on Pulsation Light on Random slow Random medium Random fast
Red 1	9	0 - 255	Off to full
Green 1	10	0 - 255	Off to full
Blue 1	11	0 - 255	Off to full
Lime (white) 1	12	0 - 255	Off to full
Red 2	13	0 - 255	Off to full
Green 2	14	0 - 255	Off to full
Blue 2	15	0 - 255	Off to full
Lime (white) 2	16	0 - 255	Off to full
Red 3	17	0 - 255	Off to full
Green 3	18	0 - 255	Off to full
Blue 3	19	0 - 255	Off to full
Lime (white) 3	20	0 - 255	Off to full
Red 4	21	0 - 255	Off to full
Green 4	22	0 - 255	Off to full
Blue 4	23	0 - 255	Off to full
Lime (white) 4	24	0 - 255	Off to full
Colour Macro	25	0 - 255	Macros
CCT	26	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 255	On function 2200K 2800K 3000K 3200K 4000K 4800K 5600K 6000K 7000K 8000K
Effects Macro	27	0 - 10 11 - 20 21 - 30 31 - 40 41 - 50 51 - 60 61 - 70 71 - 80 81 - 90 91 - 100 101 - 110 111 - 120 121 - 130 131 - 255	O function Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11 Macro 12 No function
Effects speed	28	0 - 125 126 - 129 130 - 255	Macro speed Fast > Slow Macro stop Macro speed Slow > Fast
Effects Fade	29	0 - 255	0 - 100%
Dimmer Back	30	0 - 255	0 - 100%
Dim Back Fine	31	0 - 255	0 - 100%
Strobe Back	32	0 - 255	Macro speed Slow > Fast
Red Back	33	0 - 255	Off to full
Green Back	34	0 - 255	Off to full
Blue Back	35	0 - 255	Off to full
Lime/white Back	36	0 - 255	Off to full
Zoom	37	0 - 255	Min to Max
Zoom Rotation	38	1 - 100 101 - 190 191 - 192 193 - 255	Run mode 0 - 100% CW Rotation Run mode stop CCW Rotation

26 Channel mode

Pearl wash	26 Ch	DMX Value	Function
Pan	1	0 - 255	0 > 540 degrees
Fine Pan	2	0 - 255	0 > 2 degrees
Tilt	3	0 - 255	0 > 270 degrees
Fine Pan	4	0 - 255	0 > 2 degrees
Reset	5	0 - 127 128 - 255	No function Reset light
Dimmer	6	0 - 255	0 - 100%
Dimmer fine	7	0 - 255	0 - 100%
Strobe	8	0 - 3 4 - 103 104 - 107 108 - 207 208 - 212 213 - 225 226 - 238 239 - 251 252 - 155	Light on Strobe speed Light on Pulsation Light on Random slow Random medium Random fast Light on
Red	9	0 - 255	Off to full
Green	10	0 - 255	Off to full
Blue	11	0 - 255	Off to full
Lime (white)	12	0 - 255	Off to full
CCT	14	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 255	On function 2200K 2800K 3000K 3200K 4000K 4800K 5600K 6000K 7000K 8000K
Effects Macro	15	0 - 10 11 - 20 21 - 30 31 - 40 41 - 50 51 - 60 61 - 70 71 - 80 81 - 90 91 - 100 101 - 110 111 - 120 121 - 130 131 - 255	O function Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11 Macro 12 No function
Effects speed	16	0 - 125 126 - 129 130 - 255	Macro speed Fast > Slow Macro stop Macro speed Slow > Fast
Effects Fade	17	0 - 255	0 - 100%
Dimmer Back	18	0 - 255	0 - 100%
Dim Back Fine	19	0 - 255	0 - 100%
Strobe Back	20	0 - 255	Macro speed Slow > Fast
Red Back	21	0 - 255	Off to full
Green Back	22	0 - 255	Off to full
Blue Back	23	0 - 255	Off to full
Lime/white Back	24	0 - 255	Off to full
Zoom	25	0 - 255	Min to Max
Zoom Rotation	26	1 - 100 101 - 190 191 - 192 193 - 255	Run mode 0 - 100% CW Rotation Run mode stop CCW Rotation