



LIGHT SKY®

SUPER SCOPE 600 PROFILE SPOT

The super bright SUPER SCOPE LED PROFILE SPOT, is a true multi-function fixture with CMY+CTO, 6 - 50 deg zoom, framing, duel prisms and much more making the Super Scope absolutely perfect - beyond your imagination

Technical Parameters

Light and power supply system

Voltage	AC100~240V 50/60HZ	LED power	580W
Rated power	850W	Iris	5-100% linearly adjustable with macro.
Power factor	0.980	Light source	580W LED white
Lifespan	30% weaker after 20000h.	Strobe	1-25 times/second
Colour temp.	6300K	Dimmer	electronic dimmer,0-100% linear adjustment

Colour / Pattern / Effect

Colour wheel	8 colours + white , Bi-direction rainbow effect	Profile module	8 facet & 4 blades framing shutters
Colour mixing system	Linear CMY+CTO colour mixing system	Prism	4 Prism +16 double Prism+multi-effect
CRI colour rendering	Can increase to 85 the above	Zoom angle	6° - 50°
Fixed gobo wheel	φ138 ,9+1 white , Bi-direction flow water animation effect	Frost	1° and 10° two levels frost and superposition effects
Rotation Gobo Wheel	7+1 white , Bi-direction flow water animation effect. Design size: inside diameter 17mm,outside diameter 22.9 mm.	Focus and Lens	φ127High precision optical lens, linear adjustment

Control system

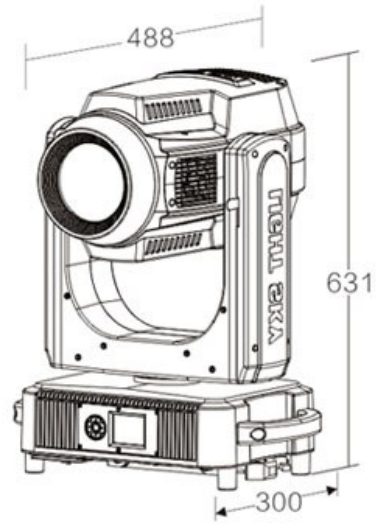
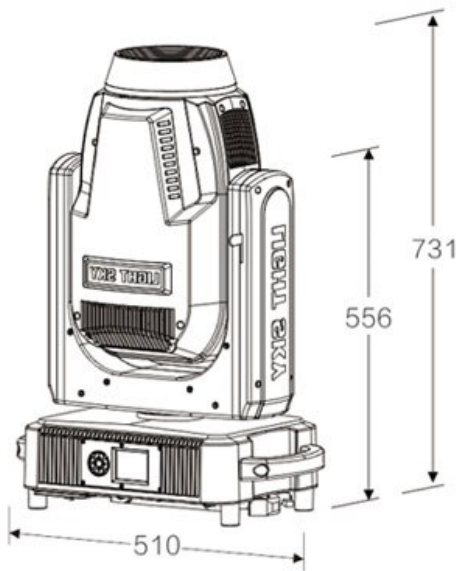
Control mode	DMX-512, RDM, Art-Net	Pan/Tilt Resolution	2.11°/1.05°
Channel	Standard channel: 39CH; Extension channel: 54CH	Tilt / Speed	270° / 2.1sec.
Motors	30 pcs super mute motor	Software upgrade	Via USB
Pan / Speed	540° / 2.7sec.	Cooling	Forced ventilation with axial fans.

Appearance parameters

Light Size	510x300x731(mm)	IP Rate	IP20
A single carton size	810x580x395(mm)	1Pcs to a Flycase	620X580X850(mm)
N.W / G.W	33.2Kg fixture /37.5Kg in carton	N.W / G.W	33.2Kg / 66.5Kg
Structure	heat-proof plastic + module pressing alloy materials		

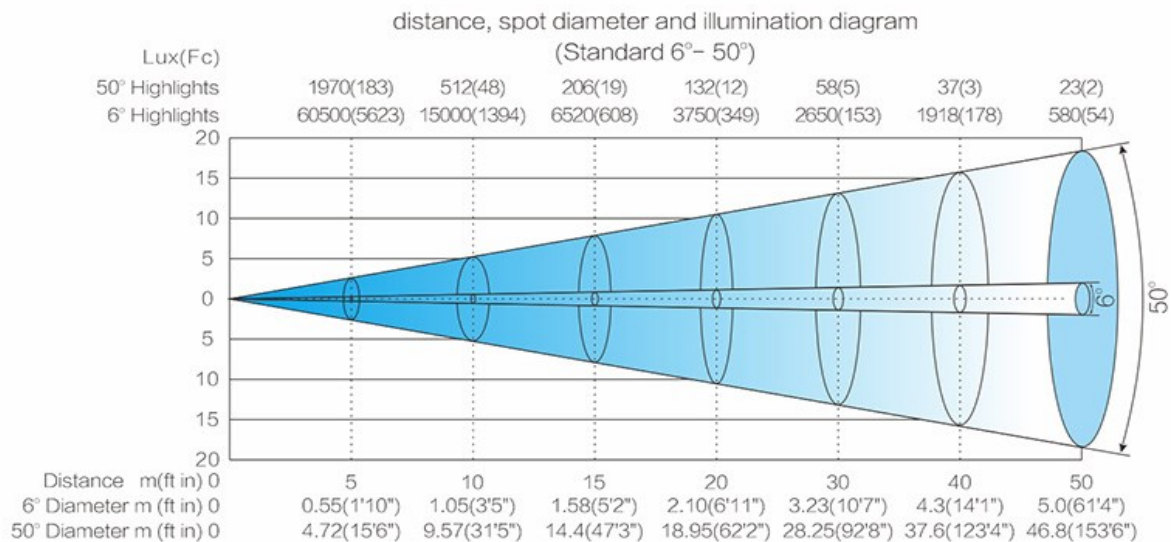
Other function

Display	1、 Display panel adopts 2.8 inch resistive colour touch screen with good pressure sensitivity 2、 Chinese and English languages can be switched freely, menu available to display180°reversely
IP set	Built in battery, IP address could be set without electricity.
Features	1、 Input signal isolation: guarantees stable signal transmission without interference. 2、 Advanced Art-Net function
Safety Devices	BIPOlar circuit breaker with thermal protection.
The vertical direction	The vertical direction of the use of hidden locking device, convenient transportation and maintenance.
CE Mark	In conformity with the Low Voltage Directive of European Union -- 2014/35/EU and Electromagnetic compatibility Directive -- 2014/30/EU.



DMX Standard Channel

Channel function	Standard39CHS	Extended54CHS	Channel function	Standard39CHS	Extended54CHS
Pan	01	01	Blade LF1 fine	-----	28
Pan fine	02	02	Blade LF2	20	29
Tilt	03	03	Blade LF2 fine	-----	30
Tilt Fine	04	04	Blade RF1	21	31
P/T speed	05	05	Blade RF1 fine	-----	32
Functions	06	06	Blade RF2	22	33
Cyan	07	07	Blade RF2 fine	-----	34
Cyan fine	-----	08	Framing Rotation	23	35
Magenta	08	09	Framing Rot.Fine	-----	36
Magenta fine	-----	10	Framing Mac.	24	37
Yellow	09	11	Framing Mac. Zoom	25	38
Yellow fine	-----	12	Prism1	26	39
CTO	10	13	Prism1 Rotation	27	40
CTO fine	-----	14	Prism2	28	41
Colour wheel	11	15	Prism2 Rotation	29	42
Static Gobo	12	16	Frost1	30	43
Rot. Gobo	13	17	Frost2	31	44
Gobo Rotation	14	18	Iris	32	45
Blade UP1	15	19	Zoom	33	46
Blade UP1 fine	-----	20	Zoom fine	-----	47
Blade UP2	16	21	Focus	34	48
Blade UP2 fine	-----	22	Focus fine	-----	49
Blade DW1	17	23	Auto Dis	35	50
Blade DW1 fine	-----	24	Auto Fin	36	51
Blade DW2	18	25	Strobe	37	52
Blade DW2 fine	-----	26	Dimmer	38	53
Blade LF1	19	27	Dimmer fine	39	54



DMX Channel setting

Super Scope	54 Ch	39 Ch	DMX Value	Function
Pan	1	1	0 - 255	0 > 540 degrees
Fine Pan	2	2	0 - 255	0 > 2 degrees
Tilt	3	3	0 - 255	0 > 270 degrees
Fine Pan	4	4	0 - 255	0 > 2 degrees
Pan/Tilt Speed	5	5	0 - 255	
Function	6	6	0 - 10	No function
			11 - 20	Lamp reset
			21 - 30	XY (Pan / Tilt) reset
			31 - 40	Colour reset
			41 - 50	Gobo reset
			51 - 60	Framing reset
			61 - 70	Focus reset
			71 - 80	Silent mode
			81 - 90	Normal mode
			91 - 100	High pattern
			101 - 110	YY move blackout ON
			111 - 120	XY move blackout OFF
			121 - 130	Pan Invert ON
			131 - 140	Tilt Invert ON
			141 - 150	P/T Invert OFF
			151 - 160	P/T Swap ON
161 - 170	P/T swap OFF			
171 - 180	Show backlight is always on			
181 - 190	Display backlight auto.			
191 - 255	No function			
Cyan	7	7	0 - 255	
Cyan Fine	8		0 - 255	
Magenta	9	8	0 - 255	
Magenta Fine	10		0 - 255	
Yellow	11	9	0 - 255	
Yellow Fine	12		0 - 255	
CTO	13	10	0 - 255	
CTO Fine	14		0 - 255	
Colour Wheel	15	11	0 - 89	0 > 360 deg
			90 - 99	Open
			100 - 109	Colour 1
			110 - 119	Colour 2
			120 - 129	Colour 3
			130 - 139	Colour 4
			140 - 149	Colour 5
			150 - 159	Colour 6
			160 - 169	Colour 7
			170 - 179	Colour 8
			180 - 214	CW Slow > Fast
215 - 249	CCW Fast > Slow			
250 - 255	Random colour			
Static Gobo	16	12	0 - 9	Open
			10 - 19	Gobo 1
			20 - 29	Gobo 2
			30 - 39	Gobo 3
			40 - 49	Gobo 4
			50 - 59	Gobo 5
			60 - 69	Gobo 6
			70 - 79	Gobo 7
			80 - 89	Gobo 8
			90 - 99	Gobo 9
			100 - 109	Gobo 1 Jitter Slow > Fast
			110 - 119	Gobo 2 Jitter Slow > Fast
			120 - 129	Gobo 3 Jitter Slow > Fast
			130 - 139	Gobo 4 Jitter Slow > Fast
			140 - 149	Gobo 5 Jitter Slow > Fast
			150 - 159	Gobo 6 Jitter Slow > Fast
			160 - 169	Gobo 7 Jitter Slow > Fast
			170 - 179	Gobo 8 Jitter Slow > Fast
			180 - 189	Gobo 9 Jitter Slow > Fast
			190 - 199	Open
200 - 224	CW Slow > Fast			
225 - 249	CCW Fast > Slow			
250 - 255	Random Gobo			
Rotate Gobo	17	13	0 - 9	Open
			10 - 19	Gobo 1
			20 - 29	Gobo 2
			30 - 39	Gobo 3
			40 - 49	Gobo 4
			50 - 59	Gobo 5
			60 - 69	Gobo 6
			70 - 79	Gobo 7
			80 - 89	Gobo 1 Jitter Slow > Fast
			90 - 99	Gobo 2 Jitter Slow > Fast

Super Scope	54 Ch	39 Ch	DMX Value	Function			
Rotate Gobo Continued	17	13	100 - 109	Gobo 3 Jitter Slow > Fast			
			110 - 119	Gobo 4 Jitter Slow > Fast			
			120 - 129	Gobo 5 Jitter Slow > Fast			
			130 - 139	Gobo 6 Jitter Slow > Fast			
			140 - 149	Gobo 7 Jitter Slow > Fast			
			150 - 159	Open			
			160 - 204	CW Slow > Fast			
			205 - 249	CCW Fast > Slow			
			250 - 255	Random Gobo			
			Gobo Rotate	18	14	0 - 127	0 > 360 degree
						128 - 187	CW Fast > Slow
						188 - 195	Stop
						196 - 255	CCW Slow > Fast
Blade Up 1	19	15	0 - 255				
Blade Up 1 Fine	20		0 - 255				
Blade Up 2	21	16	0 - 255				
Blade Up 2 Fine	22		0 - 255				
Blade DW 1	23	17	0 - 255				
Blade DW 1 Fine	24		0 - 255				
Blade DW 2	25	18	0 - 255				
Blade DW 2 Fine	26		0 - 255				
Blade LF 1	27	19	0 - 255				
Blade LF 1 Fine	28		0 - 255				
Blade LF 2	29	20	0 - 255				
Blade LF2 Fine	30		0 - 255				
Blade RF 1	31	21	0 - 255				
Blade RF 1 Fine	32		0 - 255				
Blade RF 2	33	22	0 - 255				
Blade RF 2 Fine	34		0 - 255				
Frame Rotate	35	23	0 - 255	0 > 90 Degree			
Frame Rot Fine	36		0 - 255				
Framing Macro	37	24	0 - 10	No function			
			11 - 20	Quadrate			
			21 - 30	Rectangle			
			31 - 40	Isosceles Triangle			
			41 - 50	Isosceles Trapezoid			
			51 - 60	Sector			
			61 - 70	Semicircle			
			71 - 255	Parallelogram			
Framing Mac.Zoom	38	25	0 - 255				
Prism 1	39	26	0 - 10	Prism off			
			11 - 255	Prism Out > In			
Prism 1 Rotate	40	27	0 - 127	0 > 360 Degree			
			128 - 187	CW Fast > Slow			
			188 - 195	Stop			
			196 - 255	CCW Slow > Fast			
Prism 1	41	28	0 - 10	Prism off			
			11 - 255	Prism Out > In			
Prism 2 Rotate	42	29	0 - 127	0 > 360 Degree			
			128 - 187	CW Fast > Slow			
			188 - 195	Stop			
196 - 255	CCW Slow > Fast						
Frost 1	43	30	0 - 127	Min > Max			
			128 - 187	Slow in Fast out Slow > Fast			
			188 - 195	Fast in Slow out Slow > Fast			
196 - 255	Slow In Slow out Slow > Fast						
Frost 2	44	31	0 - 127	Min > Max			
			128 - 187	Slow in Fast out Slow > Fast			
			188 - 195	Fast in Slow out Slow > Fast			
196 - 255	Slow In Slow out Slow > Fast						
Iris	45	32	0 - 127	Min > Max			
			128 - 187	Slow in Fast out Slow > Fast			
			188 - 195	Fast in Slow out Slow > Fast			
196 - 255	Slow In Slow out Slow > Fast						
Zoom,	46	33	0 - 255	Max > Min Aperture			
Zoom Fine	47		0 - 255				
Focus	48	34	0 - 255				
Focus Fine	49		0 - 255				
Focus Auto distance	50	35	0 - 9	No function			
			10 - 19	5 metres			
			20 - 29	10 metres			
			30 - 39	15 metres			
			40 - 49	20 metres			
			50 - 59	30 metres			
60 - 255	40 metres						
Auto Fin	51	36	0 - 255				
Strobe	52	37	0 - 255				
Dimmer	53	38	0 - 255				
Dimmer Fine	54	39	0 - 255				