

ARCLED7513QZOOM

LED
14x15W

RGBW/FC

zoom
6°/30°

C°
-40 +50

IP67



new

ARCLED7513QZOOM is a new generation ParLED zoom, designed for rental-company, with a multi-purpose concept suitable for both stage and architectural lighting, in environments of large and medium size, both indoors and outdoors.

ARCLED7513QZOOM offers unprecedented performance, employing Osram Ostar LED 14x15W RGBW/FullColor and a high efficiency 6°-30° optical zoom system for applications such as washer, beamer or both in the same stage-plot.

The color calibration system, 2800K°-10000K° built-in white preset, 5 selectable dimmer curves and the total absence of fans, makes ARCLED7513QZOOM suitable for light design with high demanding requirements.

Versions

ARCLED7513QZOOMIP - "Waterproof" version with connections to IP67

ARCLED7513QZOOMTZ - "Tour" version connections with Neutrik Powercon IN / OUT, IP54

Accessories

FCL7513 (optional): RoadCase with internal compartments designed to contain 8 pcs ARCLED7513QZOOM.

ARCEXAC3L02 (optional): IP67 power extension cable, compatible with outdoor (IP) Arcled projectors

ARCEXDC3L02 (optional): IP67 DMX extension cable, comp. with outdoor (IP) ARCLED projectors



Light source and optics

- 14 x 15W Osram Ostar RGBW/FullColor LEDs
- Lumen: 3100lm
- Lux: 8000@5m
- Energy-saving LEDs employed, with more vivid colours and lower power consumption than traditional lamps
- Colour synthesis: RGBW Fullcolour mixing (>16 million colours) for a limitless colour range
- White temperature presets: 2800K~10000K
- Beam angle: 6°-30° Zoom
- Field angle: 11°-43°Zoom
- Electronic linear zoom with motorized and scrolling lens panel
- LEDs average life span: >50'000h

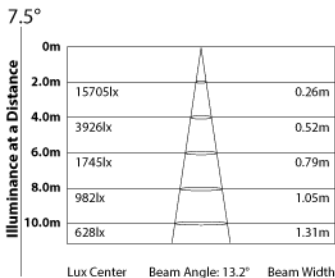
Electronics and features

- Several DMX configurations selectable (3, 4, 5, 6, 12, 17 channels) for advanced or basic controlling
- 3 channels: RGB
- 3 channels: HSV
- 4 channels: RGBW
- 4 channels: RGB, dimmer
- 5 channels: RGBW, dimmer
- 6 channels: RGBW, dimmer, strobo
- 7 channels: RGBW, dimmer zoom, zoom reset
- 12 channels: RGBW, dimmer, macro, strobo, auto, auto speed, dimmer curve, zoom, zoom reset
- 17 channels: RGBW, dimmer, dimmer fine, RGBW fine, macro, strobe, auto, auto speed, dimmer curve, zoom, zoom reset

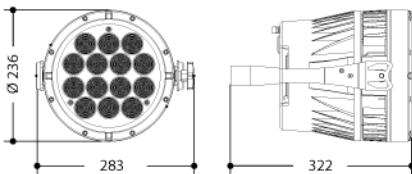
- Half-ring controllable
- LED display user interface for auto programs execution, static colour mode, creation of custom shows, colour calibration presets
- 5 different dimming available curves
- Master/Slave mode for stand-alone operations
- Linear and "step less" transition between DMX values
- Flicker-free operations (400Hz)
- Silent operations, due to natural convection cooling of the peculiar chassis and to absence of fans

Structure and Power supply

- Sturdy die-cast aluminium body conceived for long-time durability and demanding applications
- Frontal tempered glass panel
- Internal Protection: IP67 (IP) - IP54 (TZ)
- Pressure and temperature balance through GORE membrane vents
- Power (shuko) and data (xlr-3p) adapter cables included
- Double hanging bracket suitable for safe hanging and for floor positioning
- Power unit: 100-240V 50/60Hz
- Working temperatures: -40/45°
- Power output to link more units in a chain: up to 12 fixtures at 230V
- Max power consumption: 193W
- Weight: 8,1 kg
- Dimensions (WxHxD): 283x236x348 mm



8,1 kg



3.12 DMX CONTROL

TOUR

MODE 12 Ch	FUNCTION	DMX Value
1	MASTER DIMMER 0~100%	000 - 255
2	RED (or STEP TIME when CUS.01-10 in CH8 is activated)	000 - 255
3	GREEN (or FADE TIME when CUS.01-10 in CH8 is activated)	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	COLOR MACRO+WHITE BALANCE	
	No function	000 - 010
	Red 100%/Green Up/Blue 0%	011 - 030
	Red Down/Green 100%/Blue 0%	031 - 050
	Red 0%/Green 100%/Blue Up	051 - 070
	Red 0%/Green Down/Blue 100%	071 - 090
	Red Up/Green 0%/Blue 100%	091 - 110
	Red 100%/Green 0%/Blue Down	111 - 130
	Red 100%/Green Up/Blue Up	131 - 150
	Red Down/Green Down/Blue 100%	151 - 170
	All LEDs 100%	171 - 200
	White 1: 3200K	201 - 205
	White 2: 3400K	206 - 210
	White 3: 4200K	211 - 215
	White 4: 4900K	216 - 220
	White 5: 5600K	221 - 225
	White 6: 5900K	226 - 230
White 7: 6500K	231 - 235	
White 8: 7200K	236 - 240	
White 9: 8000K	241 - 245	
White 10: 8500K	246 - 250	
White 11: 10000K	251 - 255	
7	STROBE No function 1~20Hz	000 - 010 011 - 255
8	AUTO No function	000 - 020
	AUTO 01	021 - 030
	AUTO 02	031 - 040
	AUTO 03	041 - 050

MODE 12 Ch	FUNCTION	DMX Value	
8	AUTO 04	051 - 060	
	AUTO 05	061 - 070	
	AUTO 06	071 - 080	
	AUTO 07	081 - 090	
	AUTO 08	091 - 100	
	AUTO 09	101 - 110	
	AUTO 10	111 - 120	
	CUSTOM 01	121 - 130	
	CUSTOM 02	131 - 140	
	CUSTOM 03	141 - 150	
	CUSTOM 04	151 - 160	
9	CUSTOM 05	161 - 170	
	CUSTOM 06	171 - 180	
	CUSTOM 07	181 - 190	
	CUSTOM 08	191 - 200	
	CUSTOM 09	201 - 210	
	CUSTOM 10	211 - 220	
	No function	221 - 255	
	AUTO SPEED ADJUSTMENT When using CH8, AUTO01-10, this function activated	000 - 255	
	10	DIMMER SPEED Preset dimmer speed from display menu	000 - 009
		Linear dimmer	010 - 029
Non linear dimmer 1 (fastest)		030 - 069	
Non linear dimmer 2		070 - 129	
Non linear dimmer 3		130 - 189	
Non linear dimmer 4 (slowest)	190 - 255		
11	ZOOM	000 - 255	
12	ZOOM RESET No function	000 - 200	
	Zoom reset	201 - 220	
	No function	221 - 255	

ARC.1

MODE 3 Ch	FUNCTION	DMX Value
1	RED 0~100%	000 - 255
2	GREEN 0~100%	000 - 255
3	BLUE 0~100%	000 - 255

AR1.D

MODE 4 Ch	FUNCTION	DMX Value
1	MASTER DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255

ARC.2

MODE 4 Ch	FUNCTION	DMX Value
1	RED 0~100%	000 - 255
2	GREEN 0~100%	000 - 255
3	BLUE 0~100%	000 - 255
4	WHITE 0~100%	000 - 255

AR2.D

MODE 5 Ch	FUNCTION	DMX Value
1	MASTER DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255

AR2.S

MODE 6 Ch	FUNCTION	DMX Value
1	MASTER DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	STROBE 0~100%	000 - 255

MODE 17 Ch	FUNCTION	DMX Value
1	MASTER DIMMER 0~100%	000 - 255
2	MASTER DIMMER FINE 0~100%	000 - 255
3	RED 0~100%	000 - 255
4	RED FINE 0~100%	000 - 255
5	GREEN 0~100%	000 - 255
6	GREEN FINE 0~100%	000 - 255
7	BLUE 0~100%	000 - 255
8	BLUE FINE 0~100%	000 - 255
9	WHITE 0~100%	000 - 255
10	WHITE FINE 0~100%	000 - 255
11	COLOR MACRO+ WHITE BALANCE No function Red 100%/Green Up/Blue 0% Red Down/Green 100%/Blue 0% Red 0%/Green 100%/Blue Up Red 0%/Green Down/Blue 100% Red Up/Green 0%/Blue 100% Red 100%/Green 0%/Blue Down Red 100%/Green Up/Blue Up Red Down/Green Down/Blue 100% All LEDs 100% White 1: 3200K White 2: 3400K White 3: 4200K White 4: 4900K White 5: 5600K White 6: 5900K White 7: 6500K White 8: 7200K White 9: 8000K	000 - 010 011 - 030 031 - 050

MODE 17 Ch	FUNCTION	DMX Value
11	White 10: 8500K White 11: 10000K	246 - 250 251 - 255
12	STROBE No function 1~20Hz	000 - 010 011 - 255
13	AUTO No function AUTO 01 AUTO 02 AUTO 03 AUTO 04 AUTO 05 AUTO 06 AUTO 07 AUTO 08 AUTO 09 AUTO 10 CUSTOM 01 CUSTOM 02 CUSTOM 03 CUSTOM 04 CUSTOM 05 CUSTOM 06 CUSTOM 07 CUSTOM 08 CUSTOM 09 CUSTOM 10 No function	000 - 020 021 - 030 031 - 040 041 - 050 051 - 060 061 - 070 071 - 080 081 - 090 091 - 100 101 - 110 111 - 120 121 - 130 131 - 140 141 - 150 151 - 160 161 - 170 171 - 180 181 - 190 191 - 200 201 - 210 211 - 220 221 - 255
14	AUTO SPEED ADJUSTMENT When using CH13, AUTO01-10, this function activated	000 - 255
15	DIMMER SPEED Preset dimmer speed from display menu Linear dimmer Non linear dimmer 1 (fastest) Non linear dimmer 2 Non linear dimmer 3 Non linear dimmer 4 (slowest)	000 - 009 010 - 029 030 - 069 070 - 129 130 - 189 190 - 255
16	ZOOM	000 - 255
17	ZOOM RESET No function Zoom reset No function	000 - 200 201 - 220 221 - 255

HSV

MODE 3 Ch	FUNCTION	DMX Value
1	HUE 0~100%	000 - 255
2	SATURATION 0~100%	000 - 255
3	VALUE 0~100%	000 - 255

AR2.Z

MODE 7 Ch	FUNCTION	DMX Value
1	MASTER DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	ZOOM	000 - 255
7	ZOOM RESET	000 - 255