CANARA Lighting
www.canaralighting.com

18x10W RGBW PAR LIGHT

18x10W - RGBW

Canara innovative par light gives you the most flexible color mixing for your requirements with RGBW LED's source. This LED par fixture, equipped with 18pcs high-brightness 10W RGBW LEDs and high quality PMMA optical lens provides a higher output with a significant efficiency. Its uncompromised saturated color performance Ideal to highlight performers or object make it the perfect choice for theatre, Auditoriums, TV studio, Production House, event and architectural applications.

MODEL : CAN LED PAR-543

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

➢ Lamp : 18 Nos 10W RGBW LED's

➢ LED : RGBW 4 in 1 LED's

➢ Base Color : RGBW

ELECTRICAL

➢ Flicker free universal auto-ranging electronic switch mode power supply 100~240 VAC Nominal, 50/60 Hz

➢ 0 to 100% 8 Bit Linear Dimming

➢ Max mains current drawn 1A @ 230V 50Hz

➢ Max LED current drawn 5.25A @ 24V DC

➢ Power supply cable: 3 meter 3 Core 1Sq mm FRLS grade PVC cable with IEC Plug

OPTICAL SYSTEM

➢ Beam Angle : 25° (15° / 45° / 30° Optional)

➢ Lens Material : PMMA

SPECIAL FEATURES

➢ 18 no's RGBW LED with Compact size, light weight, high light efficiency, low energy consumption.

➢ High power LED's are able to create accurate bright effects and is more than 30% brighter than any of its kind

➢ 8 Channel DMX-512 fixture having Stable performance with sound active, Auto, DMX function.

➢ Rugged Construction, Die casted aluminum housing with black polyester epoxy powder coat.

➢ Configuration is made easy through use of the simple 7 Segment menu system.

➢ RDM enabled, allowing for fast commissioning and testing from a remote location.

DMX CHART

➢ 8 Channel Mode : 1. Master, 2. Red LED Dimmer, 3. Green LED Dimmer, 4. Blue LED Dimmer 5. White LED Dimmer, 6. Strobe, 7. Color Pre-set, 8. Color Pre-set speed control.

CONTROL

➢ On board Control with 4 No's High Precision Tactile switch with 7 segment display for easy to read status.

➢ USITT DMX512A (RDM Compatible) Control Protocol.

➢ 5 pin locking XLR Chasis mount DMX in & through connections

➢ 8 bit DMX control, extra soft dimming, for theatrical & Studio use.

PHYSICAL

➢ Rugged die-casted aluminium body

➢ Active Cooling system with Silent-running cooling fans ideal for TV studios & theatres

➢ Aluminum yoke

➢ Available in Manual operated yoke system for Pan, Tilt and Focus.

➢ Epoxy polyester powder coated matt black finish (RAL – 9005) (Customizable as per requirements)

➢ IP Rating : IP20

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WEIGHT & DIMENTION

Length	Width	Height	Weight
240mm	220mm	335mm	2.9 Kg
0.79 ft	0.72 ft	1.10 ft	6.39 lbs

ACCESSORIES (Optional)

Clamps & Spuds

Power & DMX Cables

Safety Bond

8 Channel Mode	
Channel 1	Master (Overall dimming control)
Channel 2	Red (0-100%)
Channel 3	Green (0-100%)
Channel 4	Blue (0-100%)
Channel 5	White (0-100%)
Channel 6	Strobe (Slow to fast)
Channel 7	Color Preset
Channel 8	Speed Control (Color Preset)

Photometric Data - @ 25 Degrees - RGBW

		1	2	3	4	5	6	7	8
Throw Distance	(m)	1	2	3	4	5	6	7	8
	(ft)	3.28	6.56	9.84	13.12	16.41	19.69	22.97	26.25
Beam Diameter	(m)	0.44	0.89	1.33	1.77	2.22	2.66	3.11	3.55
	(ft)	1.46	2.91	4.37	5.82	7.28	8.73	10.19	11.64
Illumination	(lux)	21600	5400	2400	1350	864	600	441	338
	(fc)	2007	502	223	125	80	56	41	31