

FLAT & EVEN
LIGHT
BEAM

ZOOM
8° - 67°

MULTI
CHIP
LED TECHNOLOGY

CycFX 8™

PERFECT
COLOUR
MIXING

INDIVIDUAL
CONTROL OF
EACH LED

TRUE
WHITES



Packaging

Single Top Loader Case
ROBIN CycFX 8™

Dual Top Loader Case
ROBIN CycFX 8™



Exterior dimensions

1190 x 330 x 300 mm
(46.9" x 13.0" x 11.8")

1190 x 590 x 520 mm
(46.9" x 23.2" x 20.5")



www.robe.cz



Head office: ROBE lighting s. r. o. | Házovce 2090 | 756 61 Rožnov pod Radhoštěm | Czech Republic | Tel.: +420 571 751 500 | Fax: +420 571 751 515 | E-mail: robe@robe.cz | Factory: ROBE lighting s. r. o. | Palackého 416 | 757 01 Valašské Meziříčí | Czech Republic | Tel.: +420 571 751 500 | Fax: +420 571 751 515 | E-mail: robe@robe.cz | UK: ROBE UK Ltd. | Northampton | United Kingdom | Tel.: 01604 741000 | E-mail: info@robeuk.com | France: ROBE Lighting France SAS | ZI Paris Nord 2 | Bâtiment Euler | 33, rue des Vanesses | 93420 Villepinte | Tel.: +33 1 48 63 84 81 | Fax: +33 1 48 63 84 87 | E-mail: info@robelighting.fr | America: ROBE Lighting Inc. | 12349 SW 53rd Street, Suite 202 | Cooper City | Florida | USA | Tel.: +1 954 680 1901 | E-mail: info@robelighting.com | Asia and Pacific: Robe Lighting Asia Pacific Pte. Ltd. | 12 New Industrial Road | #02-05 Morningstar Centre | S-536202 | Singapore | Tel.: +65 6280 8558 | E-mail: sales@robeap.com | Middle East: Robe Middle East trading LLC | Office Nbr 507 5th floor | Al Asmawi Building DIP 1 | Dubai | UAE | Po Box: 391 898 | Tel.: +971 4 885 3223 | E-mail: info@robe-me.com | Russia and CIS: Taganskaya str. 26 - 1-72 | 109004 Moscow | Russia | Tel.: +7 495 504 9569 | E-mail: info@roberussia.com | Central and South America: Galicia 1198 ap 303 | 1100 Montevideo | Uruguay | Tel.: +5982 900 67 47 | E-mail: info@robecea.com

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CycFX 8

Innovative technology

Fine touch features

Product diagrams

All the amazing features and performance of the award winning Robe LEDWash luminaires in a 1000 mm moving linear strip. 8 individually controlled 15W RGBW LED modules equally spaced along the strip with fully adjustable zoom from 8-67 degrees. The strip itself has a very fast 270 degree tilt movement which can be precision indexed or programmed to produce rapid sweeping movements. Pre-programmed colour macros and pixel control makes this fixture quick and easy to programme. Tungsten lamp emulation and fade effects at 2.700 K and 3.200 K are included. Wireless technology CRMX is available as standard.

Source

- Light Source: 8x 15W RGBW LED multichips
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

Optical System

- High efficient component optics
- Linear motorized zoom 8°-67°
- RGBW
- Individual control of each RGBW pixel
- CTO filter 0-100%
- Virtual colour wheel with pre-programmed 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
- Tungsten lamp effect at whites 2.700 K and 3.200 K (red shift and thermal delay during dimming)
- Colour rainbow effect with variable speed
- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and directions
- High resolution dimmer 0-100%
- Strobe effect with variable speed (max.20 flashes per second)
- Pre-programmed random strobe & pulse effects

Electrical Specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 150W at 230 V / 50 Hz

Mechanical Specification

- Height: 228 mm (9.0")
- Width: 999 mm (39.3")
- Depth: 180 mm (7.1")
- Weight: 12.0 kg (26.5 lbs)

Thermal

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum housing temperature: 70 °C (158 °F)

Control and programming

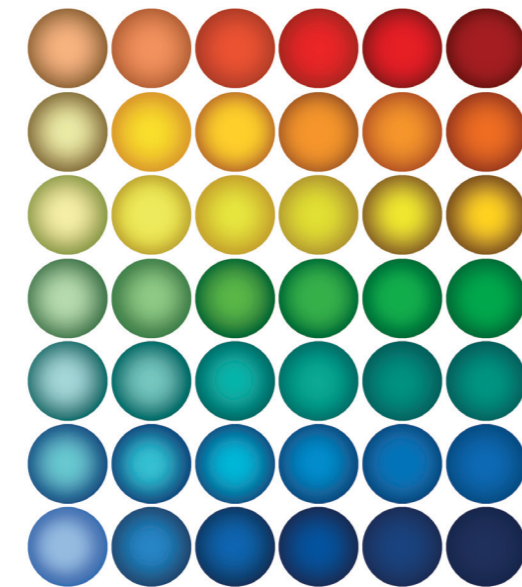
- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio included as standard accessory
- Control channels: 14, 21, 45, 53, 22, 53
- 6 DMX protocol modes, including SunStrip emulation model (halogen strip)
- One editable program up to 42 steps
- Stand-alone operation
- Tilt resolution: 8 or 16 bit
- Zoom: 8 or 16 bit
- R, G, B, W colours: 8 or 16 bit
- Dimmer: 8 or 16 bit
- Data in/out: Locking 3-pin & 5-pin XLR
- Power in/out: Neutrik PowerCon
- Built-in analyser for easy fault finding

Electromechanical Effects

- Motorized zoom
- Tilt movement range: 270°

Rigging

- Mounting points: 4 pairs of ¼-turn locks
- 2x mounting adapter with ¼-turn quick locks; 1x safety attachment point

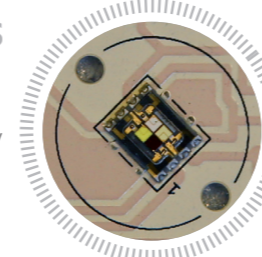


LED colours

CycFX 8™ is able to produce 4300 from pastel to saturated colours.

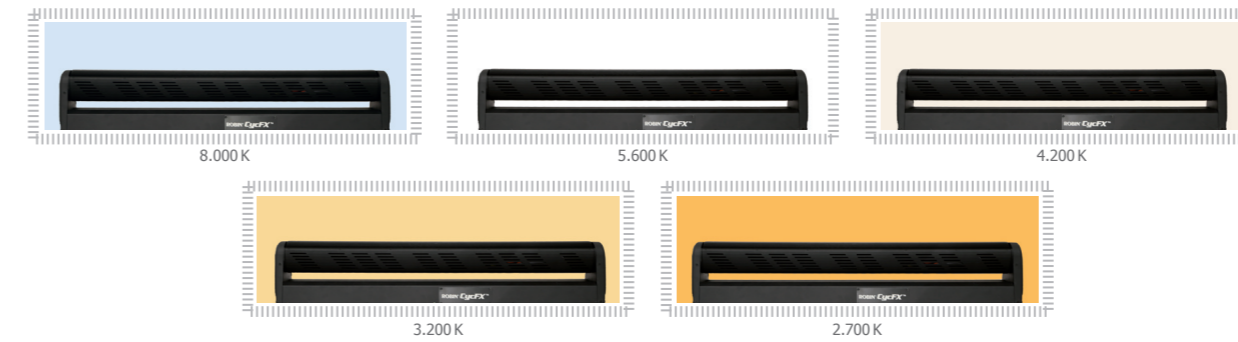
Multichips

New LED technologies use several LED chips on a single module that creates just perfect colour source of extremely smooth new dimensional colour mixing of RGBW.



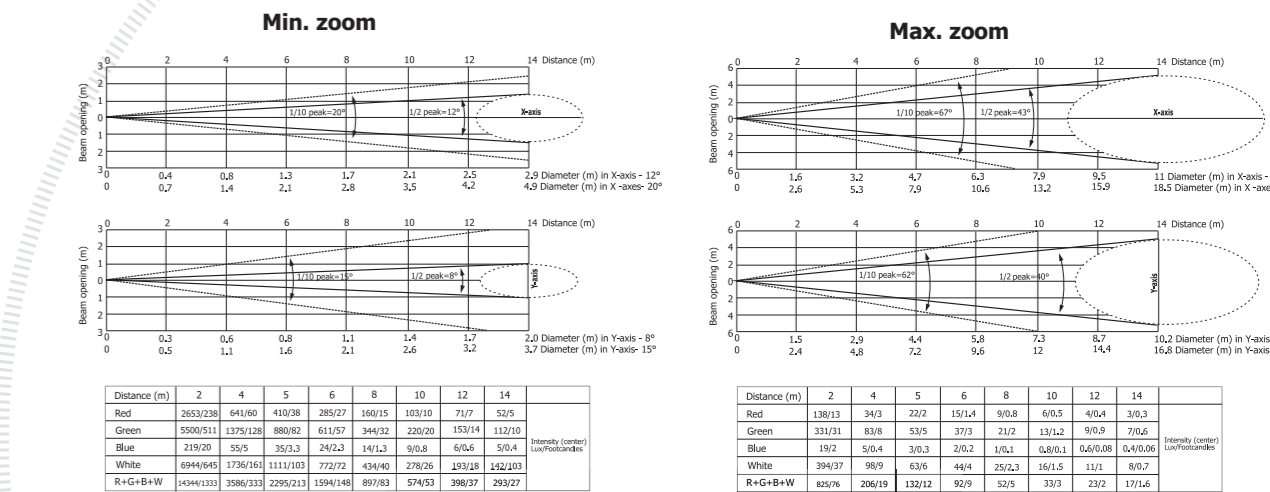
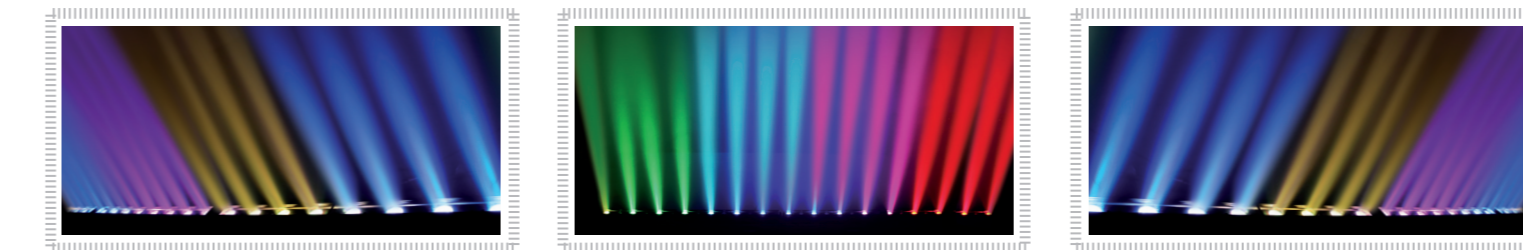
True White Colours

Spotless colormixing of specially calibrated LEDs together with predefined values on a Virtual Colour wheel channel allow quick direct calling of exact white hues of 2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K. In the Halogen lamp mode predefined for White Halogen 2.700 K and 3.200 K, the Dimmer channel initiates halogen lamp-like behaviour (red effect and thermal delay) during dimming.



Pixel control

The unique technology allows individual control of each LED pixel. Pre-programmed colour macros and pixel control makes this fixture quick and easy to programme.



Distance (m)	2	4	5	6	8	10	12	14	
Red	285/238	441/460	410/38	285/27	160/15	103/10	71/7	52/5	
Green	550/511	1370/128	880/82	611/57	340/32	220/20	153/14	112/10	
Blue	219/20	55/5	32/3.2	24/2.3	14/1.2	9/0.8	6/0.6	5/0.4	
White	694/645	1736/161	1111/103	770/72	434/40	278/26	193/18	142/13	Intensity control Lumen/PowerCon
R+G+B+W	1446/1333	3586/333	2295/213	1594/148	897/83	574/53	398/37	293/27	

Distance (m)	2	4	5	6	8	10	12	14	
Red	138/13	34/3	22/2	15/1.4	9/0.8	6/0.5	4/0.4	3/0.3	
Green	331/31	83/8	53/5	37/3	23/2	13/1.2	9/0.9	7/0.6	
Blue	192	5/0.4	3/0.3	2/0.2	1/0.1	0.8/0.1	0.6/0.08	0.4/0.06	
White	394/37	98/9	63/6	44/4	25/2.3	16/1.5	11/1	8/0.7	
R+G+B+W	852/8	208/19	132/12	92/9	52/5	33/3	23/2	17/1.6	

