

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™



530 x 340 x 660 mm
(20.9" x 13.4" x 26.0")

720 x 590 x 800 mm
(28.3" x 23.2" x 31.5")

Exterior dimensions



www.robe.cz



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CycFX 8™



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: Array of 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 or CMY colour mixing
- Individual control of each RGBW pixel
- CTO filter
- 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 2700 K and 3200 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

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
- 4 DMX protocol modes, including SunStrip emulation model (halogen strip)
- User- editable program up to 42 steps
- Stand-alone operation
- Tilt resolution: 8 or 16 bit
- Zoom: 8 or 16bit
- R, G, B, W colours: 8 or 16 bit
- Dimmer: 8 or 16bit
- 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 safety attachment point

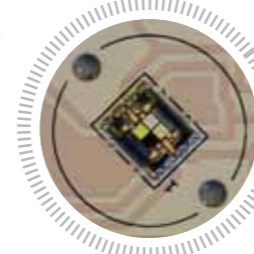


LED colours

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 point source of extremely smooth new dimensional colour mixing of RGBW.



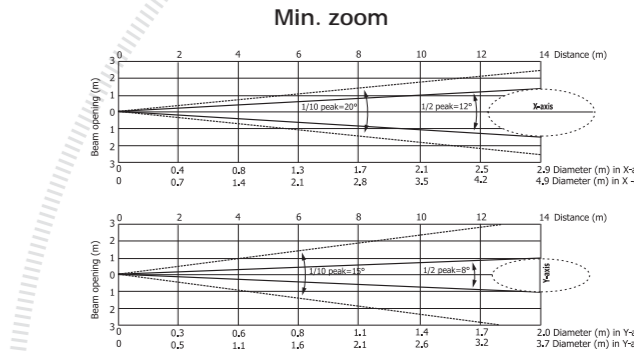
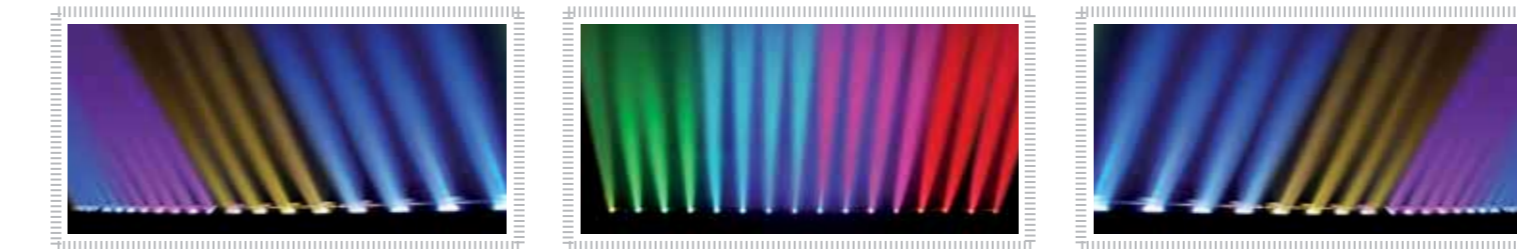
True White Colours

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

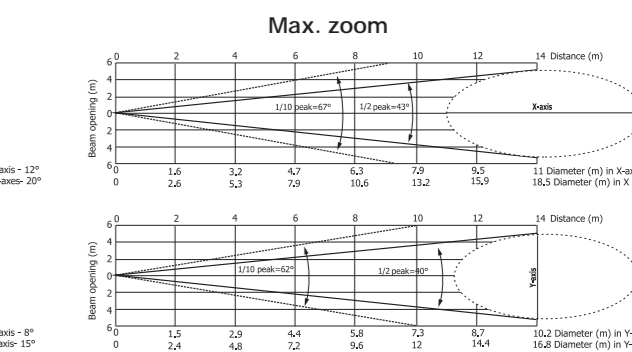


Pixel control

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	263/228	641/60	410/78	285/27	160/15	103/10	71/7	52/5
Green	550/511	1375/128	886/82	611/57	346/32	220/20	153/14	112/10
Blue	218/20	535	325/3	242/2	141/12	91/8	61/5	45/4
White	694/645	1736/161	1111/103	772/72	434/40	279/26	193/18	142/13
R+G+B+W	1434/1331	3586/313	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	343	222	151/14	90/8	60/5	40/4	30/3
Green	321/21	818	535	373	212	131/12	90/9	70/6
Blue	192	504	303	201/2	116	68/6	44/4	34/3
White	594/57	1461	936	624	360	216	144	108
R+G+B+W	1227	3117	1971	1296	756	450	288	180

