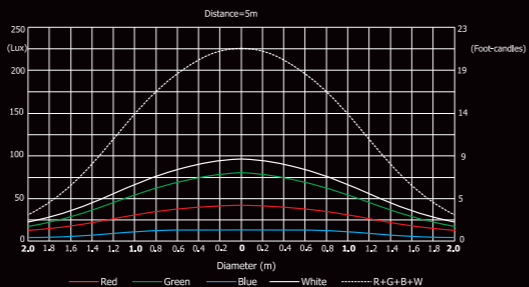
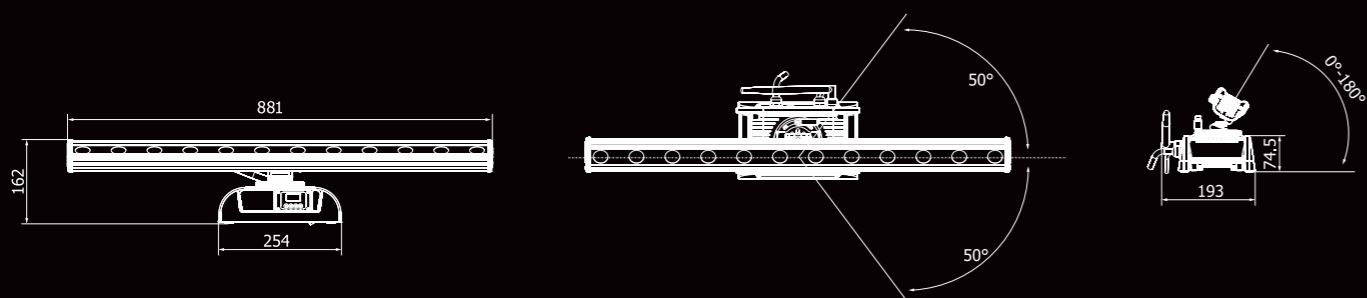


Illuminance distribution in X-axis



Distance (m)	2	4	5	6	8	10	12	14	
Red	281/26	70/7	45/4	31/3	18/1.6	11/1	8/0.7	5/7	Intensity (center) Lux/Foot-candle
Green	500/47	125/12	80/7	66/5	31/3	20/2	14/1.3	10/1	
Blue	75/7	19/1.7	12/1.1	8/0.8	5/0.4	3/0.3	2.1/0.2	1.5/0.1	
White	575/53	144/13	92/9	64/6	36/3	23/2	16/1.5	12/1.1	
R+G+B+W	1400/130	350/33	224/21	156/15	88/8	56/5	39/4	29/3	



CityLine 48

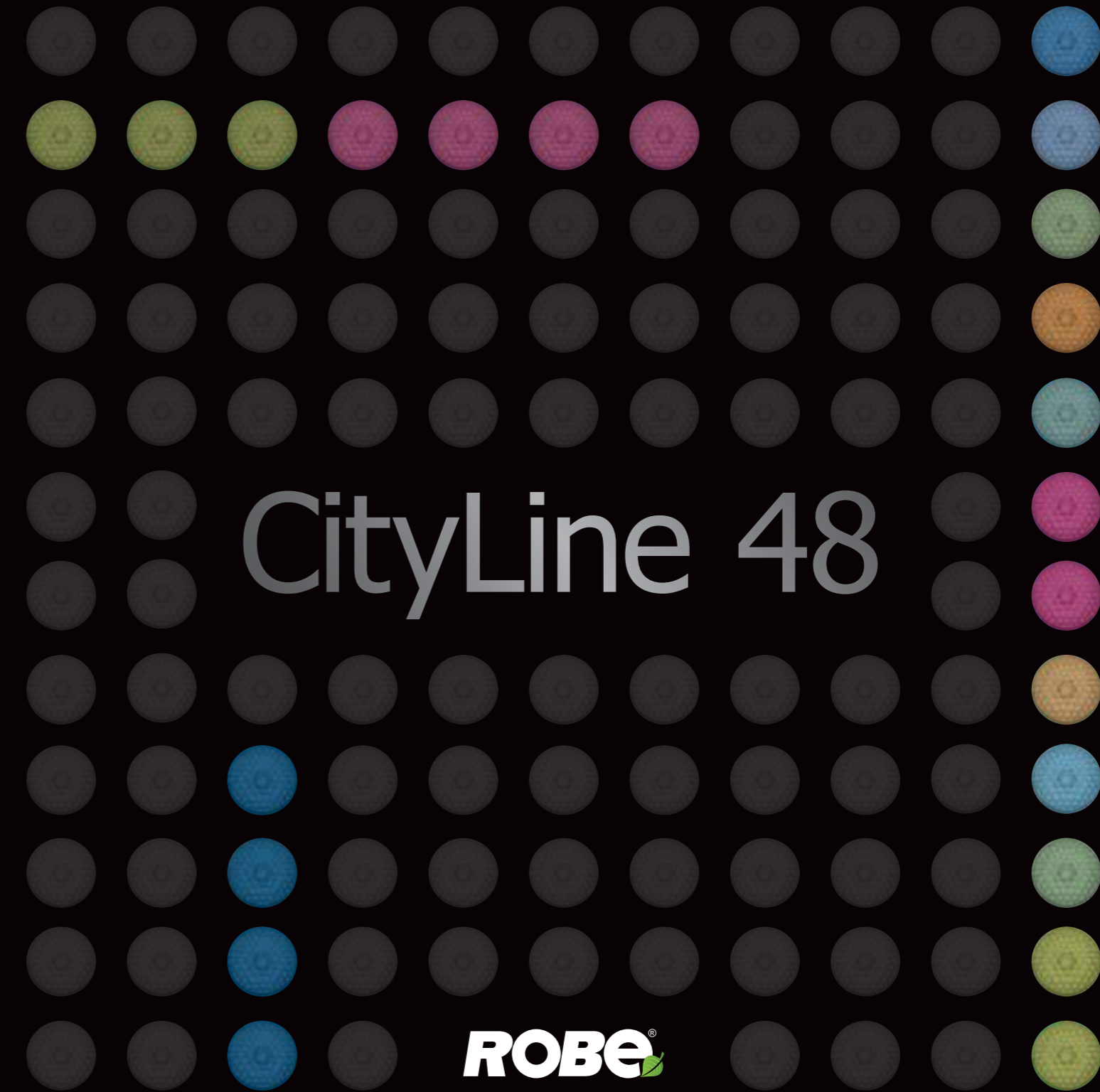
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CityLine 48

Innovative technology

Latest Cree multichip LED technology is harnessed in these powerful LED lines with unbeatably strong and uniform light output suitable for any application with the highest requirements. Durable housing of aluminium casting (with IP 65 rating) with embedded power supply unit is fitted with bright multichip LEDs that create ideal colour mixing in single point source of definable pixel pitch. Quiet convection cooled control unit with number of controlling protocols including DMX and RDM allows easy setup via Control display screens and provides possibilities for daisy chaining of DMX and power lines via Powercon connectors. Integrated universal mounting system is prepared for standing or mounting in any position on the flood, wall or trusses.

Source

- Light source: LED line strips, with 12x Cree MC-E RGBW multichip
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

Optical System and effects

- High efficient component optics
- Beam angle: 25 °
- RGB W colour mixing
- Preset colour including white 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- High resolution dimmer 0–100%
- Strobe effect with variable speed
- Pre-programmed random strobe pulse-effects

Mechanical Specification

- Height: 162 mm (6.3")
- Width: 881 mm (34.7")
- Depth: 193 mm (7.6")
- Weight: 6.5 kg (14.3 lbs)
- LED module can be separated from control base
- Wide range of LED module positioning
pan: +/-50°
tilt: 0-180°
- Protection factor: IP 65

Electrical Specification

- Electronic auto-ranging
- Input voltage: 100–240V AC, 50–60Hz
- Max. power consumption: 120 W / 130 VA

Thermal

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum housing temperature: 80 °C (176 °F)

Control and programming

- Setting & Addressing: 4-digit LED display & four control buttons
- Protocols: USITT DMX-512, RDM
- Control channels: 4, 48, 52, 8, 2
- 5 DMX protocol modes
- Pixel control - each LED multichip can be controlled separately
- Wireless DMX available
- Stand-alone and master/slave operation
- 3 user editable programs each up to 32 steps
- Data in/out: 1.3m long cable with 5-pin XLR connectors

Rigging

- Adapter holder + 1x Omega bracket with ¼-turn quick locks
- Possibility to rig fixture base and LED module separately

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.



LED colours

CityLine 48 is able to produce 4300 from pastel to saturated colours.

