

# Studio Cool 4 X 55W Dimming & DMX

Reference: LFS-ST4X55DMX



- Power: 220W
- Lamp type: 2G11 55W
- Light output: 6500 lx @ 1m
- Size & weight: 66 x 37 x 12 cm | 5.6 kg
- Adjustable brightness 100% - 30% via dimming knob
- Built-in DMX-512 function for remote operation
- Professional Osram Quicktronic HF ballast
- Optional accessories: honeycomb grid, dispersion filter



## Product description:

The Cinelight Studio Cool fixtures are the professional choice for all types of visual media production from photography to film and video work. This type of fluorescent lights are the most common TV lights on local and national TV stations. Can be used mounted on stands or suspended from the ceiling.

Soft light source for studio installations

Studio Cool 4x55W Diming & DMX is a soft light source, having constant color temperature and low energy consume

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without heat radiation. The fixture can be equipped with long life, high luminous efficiency tubes available in choice of 3000K / 3200K (warm tubes) or 5400K / 5600K (daylight tubes).

Dimmable light output from 100% to 30%

Adjustable output from 100% to 30% provided via manual dimming knob located on back of the fixture, along with the master ON/OFF switch. Remote controlling of the light output is possible via built-in DMX-512 controller.

Built-in DMX-512 function

The DMX-512 function is ensured through two DMX ports IN/OUT XLR-3P and allows controlling one or multiple units in the same setup from a remote location through a DMX console. This offers the possibility to create different lighting presets according to the studio application: news programs, talk shows, soap opera, chroma key et.

Digital display showing brightness and DMX address

The new Studio Cool 4x55W features a built-in digital display with DMX-512 address setup buttons, located on the back of the fixture that shows the DMX channel and the brightness values in small increments (0-255) so you can easily match multiple Studio Cool fixtures.

Professional Osram ballast for flicker-free operation

The unit is now equipped with professional Osram Quicktronic HF ballast with high output driving frequency (40-100 KHz) to ensure a flicker-free operation, while maintaining a stable Kelvin color temperature. The power plug connects to the fixture through IEC socket with protection fuse and to the wall socket through a CEE 7/4 (Schuko) plug. The power cord has an in-line ON/OFF illuminated master switch.

Solid and robust metal construction

The Studio Cool 4x55W Diming & DMX features a robust metal construction designed for long-term intensive use. The included standard yoke bar can be replaced with two axis Pole-Operated yoke bar which allows for easily adjusting the lamphead orientation (pan & tilt) from the floor using a pole rod when this fixture is mounted high above, typical for studio sets.

Highly reflective interior for increased output

The deeper metal housing with highly reflective interior along with the removable barndoors with specular surface increase the light output and throw distance. Also, the Studio Cool 4x55W includes 4 flexible corners to create a 360° reflective surface for enhanced light output and spill control.

Optional honeycomb grid available

The optional honeycomb grid can be inserted into the specially designed slot for accessories, with securing latch to prevent accidental slipping. The honeycomb grid can be used to reduce the side spill and narrowing the beam angle while keeping the light softness with minimal impact on the brightness value.

Ideal fixtures for permanent studio setups

The Studio Cool series are recommended for permanent TV studio applications, interviews, TV shows, news, product presentations, chroma key and other events. Often used together with our Cinelight Studio Fresnels which add a more directional light, creating shadows and a stronger three-dimensional look to the image.

Key Features:

- metal housing with removable specular barndoors to increase light output
- manual dimming knob to adjust brightness from 100% to 30%
- professional Osram Quicktronic HF ballast with high output driving frequency (40-100 KHz)
- 2 DMX ports XLR-3P , IN/OUT for remote controlling the light output
- built-in digital display that shows DMX address and brightness value (0-255)
- uses high luminous efficiency tubes available in 3000K (warm tubes) or 5400K (daylight tubes)
- 4 flexible corners included to create a 360° mirror and increase light output while reducing the light spill between barndoors gaps
- optional honeycomb grid available for controlling the side spill
- optional Pole-Operating yoke bar available to replace the standard yoke bar

### Product features:

Rated power: 220 watts  
Beam type: flood  
Voltage input: 230V 50Hz  
Color temperature: 3200K / 5600K  
CRI rating: 95  
TLCI rating: 95  
Photometrics : 1m: 6500 lx | 2m: 1600 lx | 3m: 750 lx  
Dimming range: 100%-30% (variable)  
Plug in connector type: IEC  
Power connector type: CEE 7/4 - Schuko  
Power cord total length: 7.0 m  
DMX control: Yes  
DMX connectors type: XLR-3P  
Yoke mount: Spigot 16mm receiver  
Housing material: Metal

Housing color: Black  
Lamp type: 4-Pin CFL  
Lamp socket: 2G11  
Lamp head weight: 5.6 kg  
Lamp head dimensions: 66 x 37 x 12 cm  
Ballast type: Internal, Osram Quicktronic HF DIM  
Ballast power factor: 98  
No of lamps: 4  
No of ballasts: 2  
Ballast frequency : 500000 Hz