

# QUARTZCOLOR



## STUDIO LED X4

Quartzcolor

The New Generation  
The New Revolution

QUARTZCOLOR introduces **STUDIO LED X4**, finally a high performing professional LED fresnel spotlight for the television and the lighting industry.

### **One-for-one replacement**

The **STUDIO LED X4** light output is equivalent to a traditional halogen source and permits a one-for-one replacement without compromises in the quality of the light: same brightness, same smoothness, same even and shadowless illumination as you expect from a traditional fresnel spotlight.

### **DMX RDM control**

The **STUDIO LED X4** is RDM, providing bi-directional feedback and the possibility to assign and address all fixtures remotely in a DMX network.

### **Electronic dimming 16 bit**

The **STUDIO LED X4** is fully dimmable 0-100, up to 16 bit for a more accurate and precise dimming.

### **On-board control**

A local potentiometer allows to control light intensity manually with rapidity and precision. The dimming level is shown in the display.

### **LCD graphic display**

LCD graphic display with high resolution images showing operational data such as: system status, internal temperature, current DMX settings, dimming level both in remote and manual mode.

The back light of the display can be deactivated.

### **On-board USB port**

Through a on-board USB port it is possible to upgrade the release of the firmware, make a check up of the fixture, change the system parameters.

### **Retrofit kit to upgrade existing lanterns**

A retrofit kit with preassembled led system is available to quickly and easily upgrade existing Studio lanterns.

Just remove four screws and replace the lamp module with the new led engine! You will upgrade your studio lighting system with a minimum investment.

### **Cost savings**

The investment in LED fixtures will bring immediate benefits in terms of savings: dramatically reduced power consumption, life of LED engine of 50000+ hours vs 150 hours of halogen lamps, reduced AC requirements, no dimmers required, practically no maintenance and spare parts required thanks to the lack of heat.

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## TECHNICAL DATA

<b>LIGHT SOURCE</b>	Array LEDs
<b>MAX POWER</b>	120W
<b>CORRELATED COLOR TEMPERATURE</b>	Fixed 3200K-5600K
<b>BEAM ANGLE</b>	15° - 53°
<b>LENS DIAMETER</b>	175 mm
<b>POWER SUPPLY</b>	90 - 260 Vac, 50/60 Hz, autosensing
<b>POWER FACTOR (cosφ)</b>	0,97
<b>WEATHERPROOF RATING</b>	IP20
<b>OPERATIONAL TEMPERATURE (Ta)</b>	0° - 35°
<b>DIMMING</b>	Electronic 16 bit, fully 0 - 100%
<b>CONTROL</b>	Local via potentiometer and remote via DMX-RDM Setting, addressing and testing via control panel, via RDM and via USB port
<b>CONNECTIONS</b>	DMX In and Through 5-Pin XLR  USB port for firmware and software upgrade and diagnostic
<b>FEATURES</b>	Internal temperature sensor, LCD graphic display with switch off function, silent fan, 3 presetting fan speed+ OFF.
<b>MOUNTING</b>	Manual and Pole Operated stirrup.



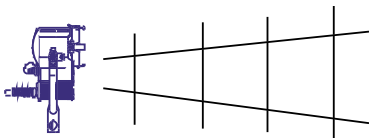
## OPERATIONAL DATA

	STUDIO LED X4 MO	STUDIO LED X4 PO
<b>Weight</b>	7,5Kg	10Kg
<b>Packed wieght</b>	9,5Kg	12Kg
<b>Packed volume</b>	510x410x495mm	510x410x495mm
<b>Lens diameter</b>	175mm	175mm
<b>Barndoor diameter</b>	270mm	270mm
<b>Color frame size</b>	258mm	258mm
<b>Filter cut size diameter</b>	255mm	255mm

## ORDERING CODES

<b>LD27252T</b>	STUDIO LED X4 120W CCT TUNGSTEN PO
<b>LD27252D</b>	STUDIO LED X4 120W CCT DAYLIGHT PO
<b>LD272502T</b>	STUDIO LED X4 120W CCT TUNGSTEN MO
<b>LD27250D</b>	STUDIO LED X4 120W CCT DAYLIGHT MO
<b>LD27252T/1</b>	TUNGSTEN RETROFIT KIT FOR STUDIO 1KW
<b>LD27252D/1</b>	DAYLIGHT RETROFIT KIT FOR STUDIO 1KW

## PHOTOMETRIC DATA



### Typical performance based on 3200K

Distance (m)	3	4	5	7	9
Lux 15°	4538	2552	1638	832	503
Lux 53°	672	378	242	123	75

### Typical performance based on 5600K

Distance (m)	3	4	5	7	9
Lux 15°	5899	3318	2129	1082	654
Lux 53°	874	491	315	160	98