

StudioLED®

High-Performance DMX StudioLED PANELS®



High Performance
High CRI/TLCI indexes >97
30-35% more light!

Studio
LED

450.HP

Studio
LED

250.HP

Studio
LED

650.HP

This new development of **FLUOTEC** engineering delivers the highest quality of light with CRI/TLCI indexes greater than 97 and a 30-35% higher light output to those of the previous versions. Available in Tunable CCT for television, motion pictures, studios, theaters and stages.

* Television Lighting Consistency Index (TLCI) is a new evaluation standard for studio lights which measures the quality of a light source as it would appear on camera on a scale from 0 to 100.

* Studio LED 450® and Studio LED 250® photographs include optional SoftBOX Studio® accessory.



www.fluotec.net
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FLUOTEC
...WE LIGHT!

SoftBOX Studio®

for **StudioLED PANEL® 650HP • 450HP • 250HP**

The powerful, dependable and sustainable solution for
high quality lighting.

SoftBOX
Studio 450 HP®



for **StudioLED PANEL 450HP®**

SoftBOX
Studio 250 HP®



for **StudioLED PANEL 250HP®**

SoftBOX
Studio 650 HP®



for **StudioLED PANEL 650HP®**

- **SoftLIGHT** control soft boxes with **NEBULA®** Diffusion Technology and light control accessories for **StudioLED PANELS®**.
- The innovative solution for the soft lighting needed for current **StudioLED** fixtures.
- **FLUOTEC** implemented its exclusive **NEBULA®** Diffusion Technology in an integrated-modular **SoftBOX®** that mixes and diffuses the light.
- Optional and modular accessories like Barndoors and 50° light control eggcrates are part of the system for precise control of the light output.

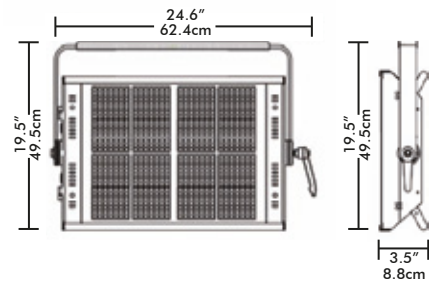


Model	StudioLED 650 [®] HP Tunable
Code	G6LED203
Operation	90-240 V - 50/60 Hz
Weight lb/kg	17.85/8.1
Electrical draw	1.3A (163W) @120VAC
Color temperature	2700K-6200K*
CRI	>97
Remote dimming control	Via DMX 0% - 100%
Local dimming control	Digital Display 0% - 100%

*Remote variable CCT

Technical specifications

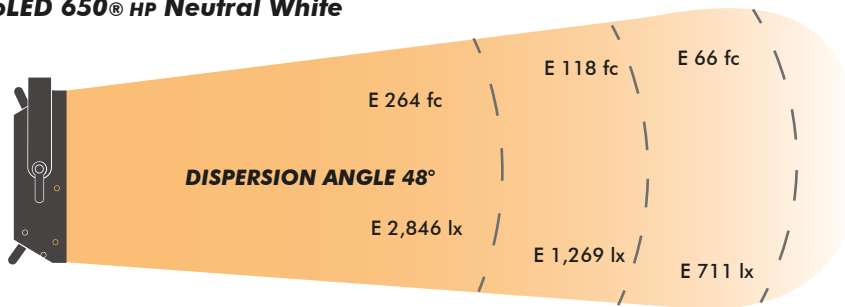
- 90 - 240VAC - 50/60Hz VAC
- 50,000 hours long Life LED
- Includes an electronic board that change the color temperature
- HALODIM[®] Stepless CCT & Dimming Technology. Digital control of light intensity, using a DMX signal with a remote lighting control console, and locally via the buttons on the digital display
- Local digital display for function selection and DMX channel assignment
- Flicker free operation with an emulation curve very similar to the attenuation of incandescent lighting
- The low amperage operation and integrated Dimmer allows to get rid of the conventional costly and complex distribution energy systems and of dimmer banks
- Because the emitted LED light operates at cool temperatures there is less need for expensive air conditioning of the studios



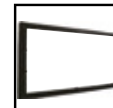
Photometric Data	Distance	1.83m (6.00ft)	2.74m (9.00ft)	3.66m (12.00ft)
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Illuminance E Foot-Candles/lux

StudioLED 650[®] HP Neutral White



Included accessories



Filter Holder
G6LED031



16 ft AC Cable POWERCON
Edison U-Ground connector
G6PLT041



Stand Fitting 5/8"
G6FLT057



Safety Cable
G6FLT059



C-Clamp
G6FLT262

Optional Accessories:



30° Honey Comb Grid
G6LED033



4 Leaf Barndoors Set
for StudioLED 650 HP[®]
G6LED034

SoftLIGHT control soft boxes



SoftBOX STUDIO 650 HP[®]
G6LED035



50° Egg Crate for SoftBOX StudioLED 650 HP[®]
G6LED038



4 Leaf Barndoors Set for SoftBOX StudioLED 650 HP[®]
G6LED037

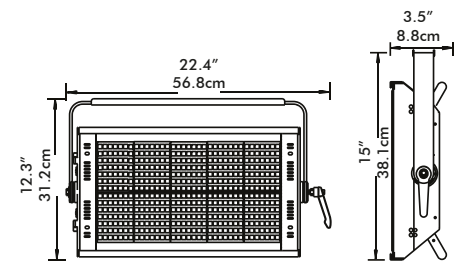


Model	StudioLED 450 [®] HP Tunable
Code	G6LED202
Operation	90-240 V - 50/60 Hz
Weight lb/kg	14.33/6.5
Electrical draw	0.94A (110W) @120VAC
Color temperature	2700K-6200K*
CRI	>97
Remote dimming control	Via DMX 0% - 100%
Local dimming control	Digital Display 0% - 100%

Technical specifications

- 90 - 240VAC - 50/60Hz VAC
- 50,000 hours long Life LED
- Includes an electronic board that change the color temperature
- HALODIM[®] Stepless CCT & Dimming Technology. Digital control of light intensity, using a DMX signal with a remote lighting control console, and locally via the buttons on the digital display
- Local digital display for function selection and DMX channel assignment
- Flicker free operation with an emulation curve very similar to the attenuation of incandescent lighting
- The low amperage operation and integrated Dimmer allows to get rid of the conventional costly and complex distribution energy systems and of dimmer banks
- Because the emitted LED light operates at cool temperatures there is less need for expensive air conditioning of the studios

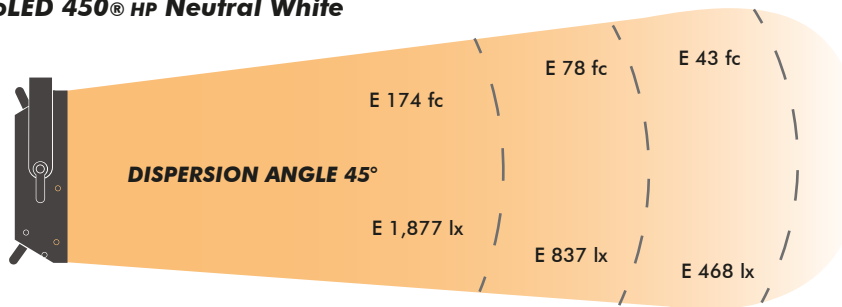
*Remote variable CCT



Photometric Data	Distance	1.83m (6.00ft)	2.74m (9.00ft)	3.66m (12.00ft)
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Illuminance E Foot-Candles/lux

StudioLED 450[®] HP Neutral White



Included accessories

- Filter Holder G6LED011
- 16 ft AC Cable POWERCON Edison U-Ground conector G6PLT041
- Stand Fitting 5/8" G6FLT057
- Safety Cable G6FLT059
- C-Clamp G6FLT262

Optional Accessories:

- 30° Honey Comb Grid G6LED013
- 4 Leaf Barndoors Set for StudioLED 450 HP G6LED014

SoftLIGHT control soft boxes

- SoftBOX STUDIO 450 HP G6LED041
- 50° Egg Crate for SoftBOX StudioLED 450 HP G6LED043
- 4 Leaf Barndoors Set for SoftBOX StudioLED 450 HP G6LED042

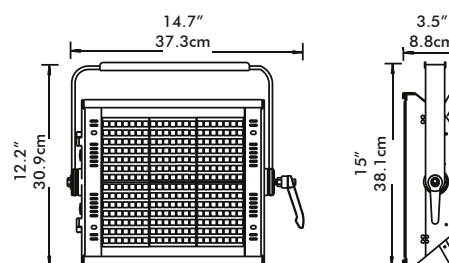


Model	StudioLED 250 [®] HP Tunable
Code	G6LED201
Operation	90-240 V - 50/60 Hz
Weight lb/kg	10.36/4.7
Electrical draw	0.56A (66W) @120VAC
Color temperature	2700K-6200K*
CRI	>97
Remote dimming control	Via DMX 0% - 100%
Local dimming control	Digital Display 0% - 100%

*Remote variable CCT

Technical specifications

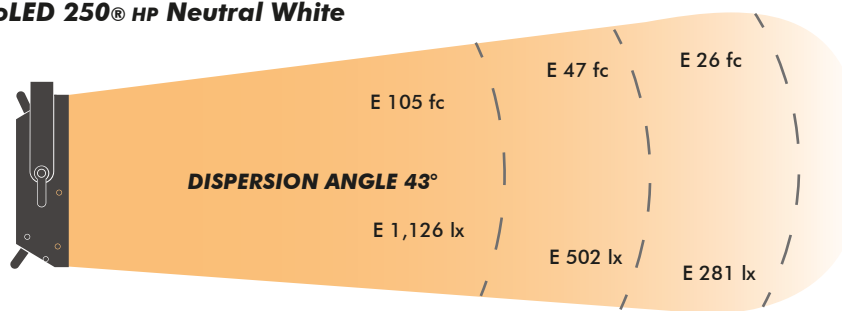
- 90 - 240VAC - 50/60Hz VAC
- 50,000 hours long Life LED
- Includes an electronic board that change the color temperature
- HALODIM[®] Stepless CCT & Dimming Technology. Digital control of light intensity, using a DMX signal with a remote lighting control console, and locally via the buttons on the digital display
- Local digital display for function selection and DMX channel assignment
- Flicker free operation with an emulation curve very similar to the attenuation of incandescent lighting
- The low amperage operation and integrated Dimmer allows to get rid of the conventional costly and complex distribution energy systems and of dimmer banks
- Because the emitted LED light operates at cool temperatures there is less need for expensive air conditioning of the studios



Photometric Data	Distance	1.83m (6.00ft)	2.74m (9.00ft)	3.66m (12.00ft)
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Illuminance E Foot-Candles/lux

StudioLED 250[®] HP Neutral White



Included accessories

- Filter Holder G6LED021
- 16 ft AC Cable POWERCON Edison U-Ground conector G6PLT041
- Stand Mount Spigot Mini G6FLT086
- Safety Cable G6FLT059
- C-Clamp G6FLT262

Optional Accessories:

- 30° Honey Comb Grid G6LED023
- 4 Leaf Barndoors Set for StudioLED 250 HP[®] G6LED024

SoftLIGHT control soft boxes

- SoftBOX STUDIO 250 HP[®] G6LED025
- 50° Egg Crate for SoftBOX StudioLED 250 HP[®] G6LED028
- 4 Leaf Barndoors Set for SoftBOX StudioLED 250 HP[®] G6LED027

Photometric measurements of beam angle at 50% peak, were made at center value with a spectro photometer Minolta CL-500A in a non reflective dark chamber. Light was projected on a neutral gray. Manufacturing Design & Technical Specifications are subject to change without notice.