



# StudioLED® HP

High-Performance DMX StudioLED PANELS®

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



**StudioLED PANELS • 650 HP • 450 HP • 250 HP**  
**BiColor • Tungsten • Daylight**



**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 BiColor, Tungsten & Daylight 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 interchangeable Soft Diffuser Studio® accessory

# SoftBOX Diffuser

for **StudioLED PANEL®** 650<sub>HP</sub> • 450<sub>HP</sub> • 250<sub>HP</sub>

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

**SoftBOX**  
Diffuser 450 HP.



G6LED221

**SoftBOX**  
Diffuser 250 HP.



G6LED220

**SoftBOX**  
Diffuser 650 HP.

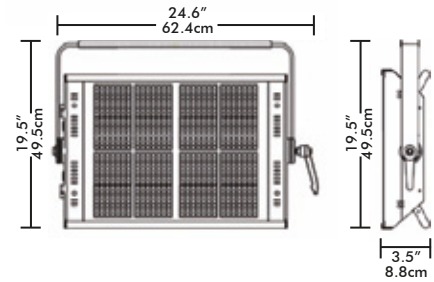


G6LED222

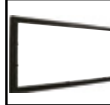


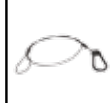

- **SoftLIGHT** control interchangeable soft boxes with **NEBULA®** Diffusion Technology and light control accessories for **StudioLED PANELS®**.
- The innovative solution for the soft lighting needed for current **StudioLED** fixtures.
- **FLUOTEC** implemented its exclusive **NEBULA®** Diffusion Technology in an interchangeable **SoftBOX Diffuser** 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 <sup>®</sup> HP Tunable	StudioLED 650 <sup>®</sup> HP Daylight	StudioLED 650 <sup>®</sup> HP Tungsten
Code	G6LED203	G6LED209	G6LED206
Operation	90-240 V - 50/60 Hz	90-240 V - 50/60 Hz	90-240 V - 50/60 Hz
Weight lb/kg	17.85/8.10	17.85/8.10	17.85/8.10
Electrical draw	1.3A (163W) @120VAC	1.3A (163W) @120VAC	1.3A (163W) @120VAC
Color temperature	2700 K-6200 K*	6200 K	2700 K
CRI	>97	>97	>97
Remote dimming control	Via DMX 0% - 100%	Via DMX 0% - 100%	Via DMX 0% - 100%
Local dimming control	Digital Display 0% - 100%	Digital Display 0% - 100%	Digital Display 0% - 100%

\*Remote variable CCT



### Included accessories

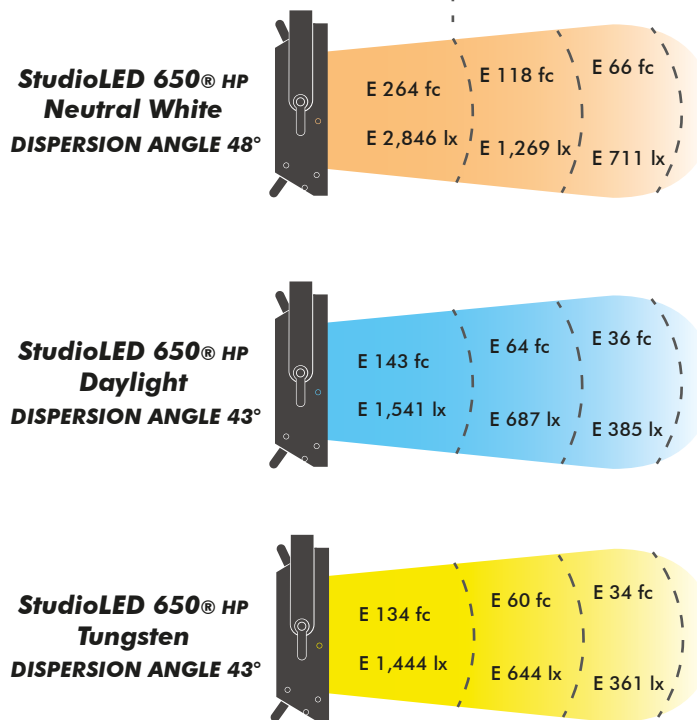
-  Gel Frame G6LED031
-  AC Cord with POWERCON Connector 16 ft (4.82 m) G6CNT154
-  Stand Fitting 5/8" G6FLT057
-  Safety Cable (2) G6FLT059
-  C-Clamp G6FLT262

### Optional Accessories:

-  30° Honey Comb Grid G6LED033
-  4 Leaf Barndoors Set for StudioLED 650 HP G6LED034
-  Interchangeable Soft Diffuser G6LED222

Photometric Data	Distance	1.83m (6.00ft)	2.74m (9.00ft)	3.66m (12.00ft)
------------------	----------	----------------	----------------	-----------------

Illuminance E Foot-Candles/lux



## Technical specifications

- 50,000 hours long Life LED
- 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
- Because the emitted LED light operates at cool temperatures there is less need for expensive air conditioning of the studios
- HALODIM<sup>®</sup> 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
- The low amperage operation and integrated Dimmer allows to get rid of the conventional costly and complex distribution energy systems and of dimmer banks

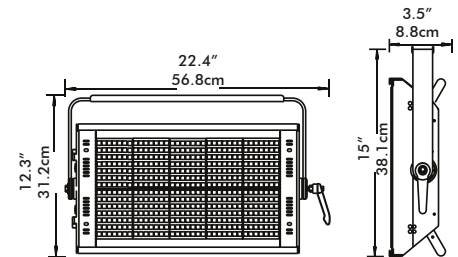
# Product Specifications

# StudioLED 450<sup>®</sup> HP

High-Performance DMX StudioLED PANEL

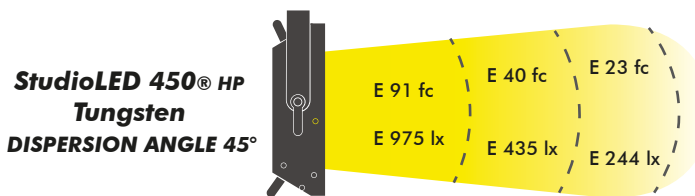
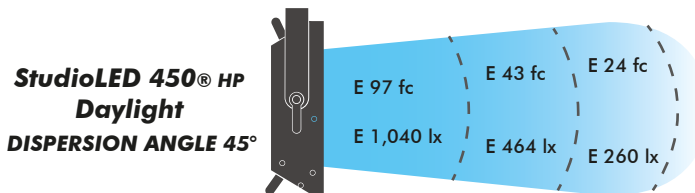
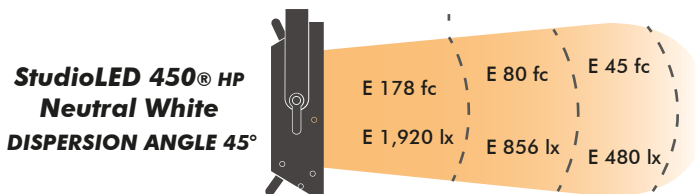
Model	StudioLED 450 <sup>®</sup> HP Tunable	StudioLED 450 <sup>®</sup> HP Daylight	StudioLED 450 <sup>®</sup> HP Tungsten
Code	G6LED202	G6LED208	G6LED205
Operation	90-240 V - 50/60 Hz	90-240 V - 50/60 Hz	90-240 V - 50/60 Hz
Weight lb/kg	14.33/6.5	14.33/6.5	14.33/6.5
Electrical draw	.94A (110W) @120VAC	.94A (110W) @120VAC	.94A (110W) @120VAC
Color temperature	2700 K-6200 K*	6200 K	2700 K
CRI	>97	>97	>97
Remote dimming control	Via DMX 0% - 100%	Via DMX 0% - 100%	Via DMX 0% - 100%
Local dimming control	Digital Display 0% - 100%	Digital Display 0% - 100%	Digital Display 0% - 100%

\*Remote variable CCT



Photometric Data	Distance	1.83m (6.00ft)	2.74m (9.00ft)	3.66m (12.00ft)
------------------	----------	----------------	----------------	-----------------

Illuminance E Foot-Candles/lux



## Technical specifications

- 50,000 hours long Life LED
- 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
- Because the emitted LED light operates at cool temperatures there is less need for expensive air conditioning of the studios
- HALODIM<sup>®</sup> 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
- The low amperage operation and integrated Dimmer allows to get rid of the conventional costly and complex distribution energy systems and of dimmer banks

## Included accessories

- Gel Frame G6LED0311
- AC Cord with POWERCON Connector 16 ft (4.82 m) G6CNT154
- Stand Fitting 5/8" G6FLT057
- Safety Cable (2) G6FLT059
- C-Clamp G6FLT262

## Optional Accessories:

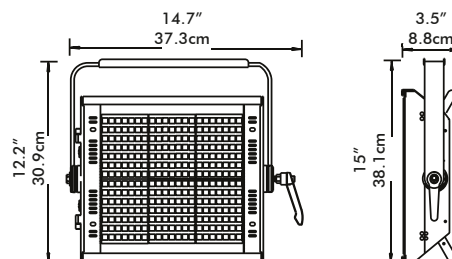
- 30° Honey Comb Grid G6LED013
- 4 Leaf Barndoors Set for StudioLED 650 HP G6LED014
- Interchangeable Soft Diffuser G6LED221

# Product Specifications

# StudioLED 250<sup>®</sup> HP

High-Performance DMX StudioLED PANEL

Model	StudioLED 250 <sup>®</sup> HP Tunable	StudioLED 250 <sup>®</sup> HP Daylight	StudioLED 250 <sup>®</sup> HP Tungsten
Code	G6LED201	G6LED207	G6LED204
Operation	90-240 V - 50/60 Hz	90-240 V - 50/60 Hz	90-240 V - 50/60 Hz
Weight lb/kg	10.36/4.7	10.36/4.7	10.36/4.7
Electrical draw	.56A (66W) @120VAC	.56A (66W) @120VAC	.56A (66W) @120VAC
Color temperature	2700 K-6200 K*	6200 K	2700 K
CRI	>97	>97	>97
Remote dimming control	Via DMX 0% - 100%	Via DMX 0% - 100%	Via DMX 0% - 100%
Local dimming control	Digital Display 0% - 100%	Digital Display 0% - 100%	Digital Display 0% - 100%

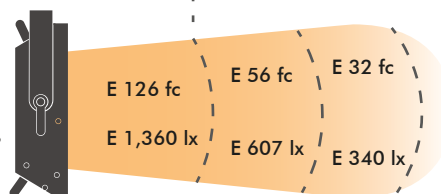


\*Remote variable CCT

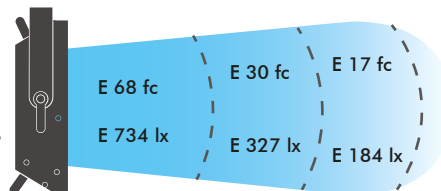
Photometric Data	Distance	1.83m (6.00ft)	2.74m (9.00ft)	3.66m (12.00ft)
------------------	----------	----------------	----------------	-----------------

Illuminance E Foot-Candles/lux

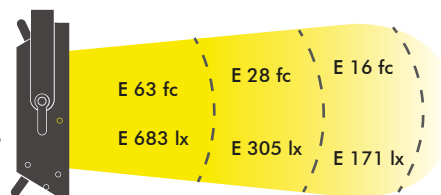
**StudioLED 250<sup>®</sup> HP Neutral White**  
DISPERSION ANGLE 45°



**StudioLED 250<sup>®</sup> HP Daylight**  
DISPERSION ANGLE 45°



**StudioLED 250<sup>®</sup> HP Tungsten**  
DISPERSION ANGLE 45°



### Included accessories

-  Gel Frame G6LED021
-  AC Cord with POWERCON Connector 16 ft (4.82 m) G6CNT154
-  Stand Fitting 5/8" G6FLT057
-  Safety Cable (2) G6FLT059
-  C-Clamp G6FLT262

### Optional Accessories:

-  30° Honey Comb Grid G6LED023
-  4 Leaf Barndoors Set for StudioLED 650 HP® G6LED024
-  Interchangeable Soft Diffuser G6LED220

## Technical specifications

- 50,000 hours long Life LED
- 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
- Because the emitted LED light operates at cool temperatures there is less need for expensive air conditioning of the studios
- HALODIM<sup>®</sup> 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
- The low amperage operation and integrated Dimmer allows to get rid of the conventional costly and complex distribution energy systems and of dimmer banks