



## Studio Panel LED Luminaire

Studio Panel is a compact light weight LED luminaire designed for both studio and location use. Units feature tunable white color temperature control from 2700K to 6000K making it ideal for a wide range of lighting applications.

Requiring just 50 watts the unit will operate on AC or DC voltage. The battery power input is designed to allow location operation using industry standard batteries. An available range of holographic diffusers provide beam angle control with minimal light loss.

### Features

- Compact lightweight design
- Standard 19 degree beam angle with available diffusion lenses (40 and 60 degree - both sold separately) for a wide range of focus control
- 8 or 16 bit control from any DMX512 control source
- Local control for intensity and color temperature
- 10 built-in color temperature presets including 2700K, 3200K, 4000K, 5600K, and 6000K
- Snap on 2 or 4-leaf barndoor (sold separately)
- Battery power (DC) input
- Operates on 100-240 VAC or 12 - 24 VDC
- CE and C-Tick approvals and markings for global operation



**Studio Panel LED Luminaire**

(Stand, by others)

**PHILIPS**  
**Selecon**

### SPECIFICATION SUBMITTAL

|                                     |                                         |                                                                                                                                                                                                     |
|-------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONSULTANT:<br><input type="text"/> | PROJECT NAME:<br><input type="text"/>   | MODEL NUMBER   QUANTITY:<br><input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |
| DATE:<br><input type="text"/>       | PROJECT NUMBER:<br><input type="text"/> | APPROVED BY:<br><input type="text"/>                                                                                                                                                                |

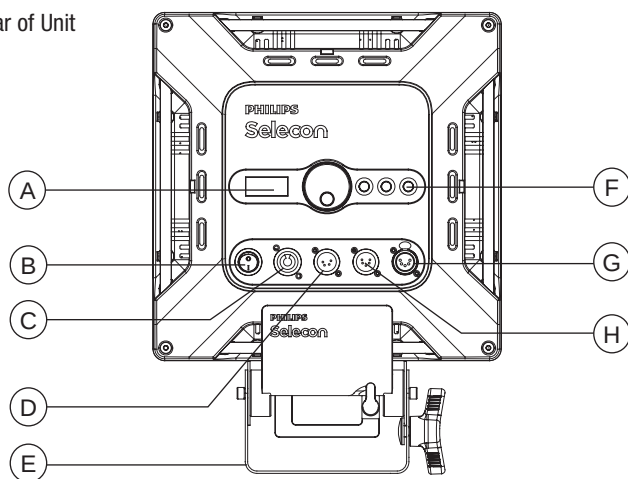


The Studio Panel LED Luminaire offers a removable / repositionable handle/mount assembly



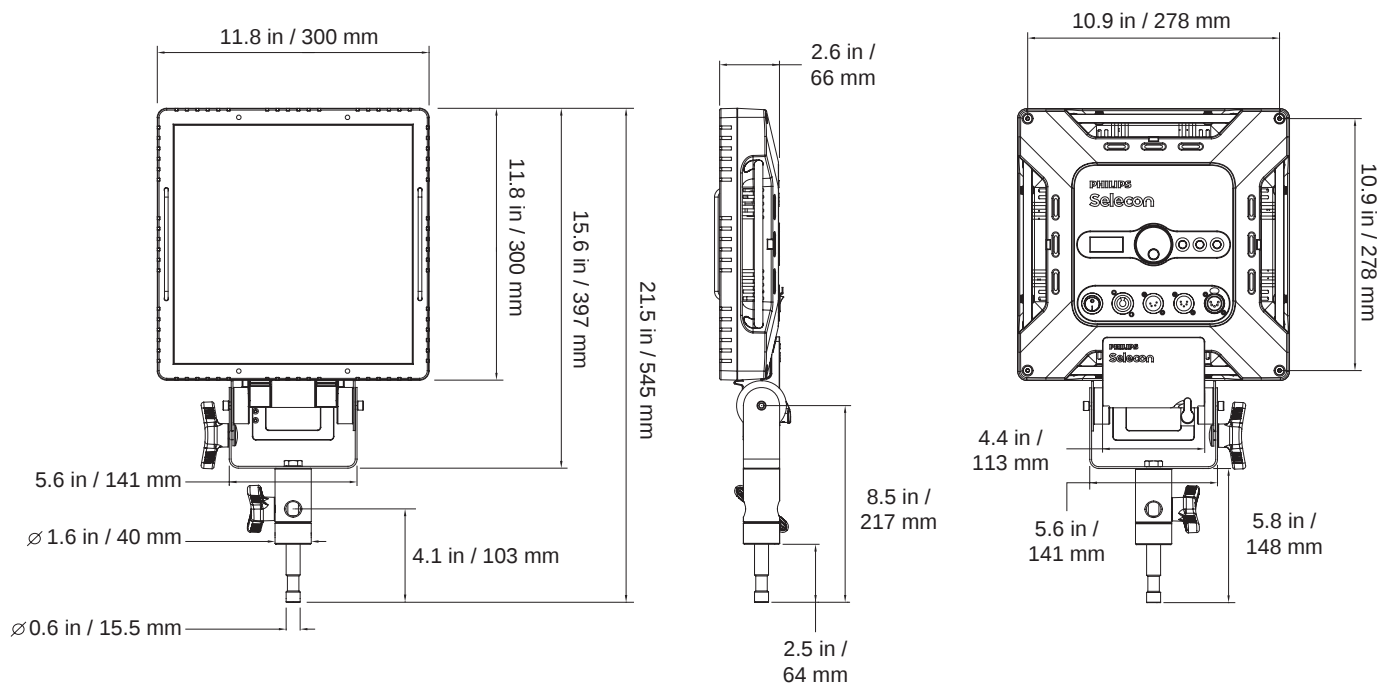
## Studio Panel LED Luminaire Connections & Menu System

Rear of Unit



- A. LCD Display / Menu System
- B. On / Off Power Switch
- C. AC Input Connector
- D. DC Input Connector
- E. Detachable / Repositionable Handle & Mount
- F. Menu System Controls
- G. DMX512 / RDM Input
- H. DMX512 / RDM Output/Thru

## Studio Panel LED Luminaire Dimensions

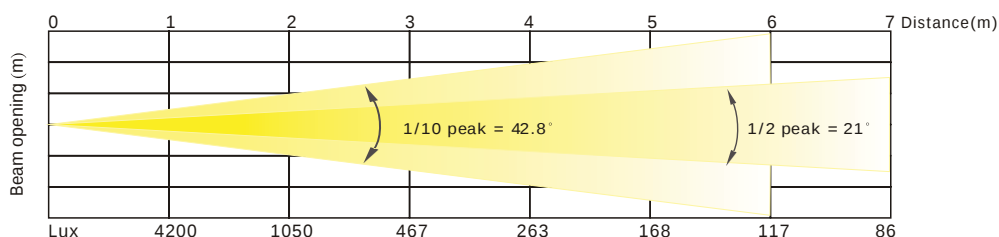


Note: Shown with supplied stud adapter installed. This adapter is removable.

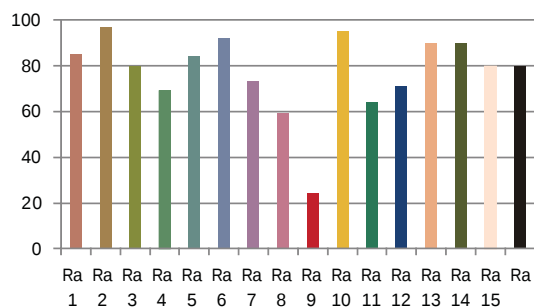


## Studio Panel LED Luminaire Photometrics

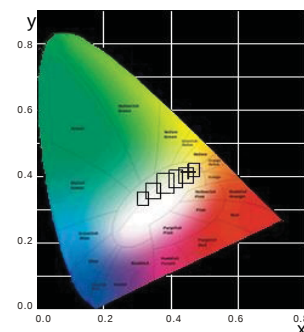
### Illuminance at Distance Based on 3200K



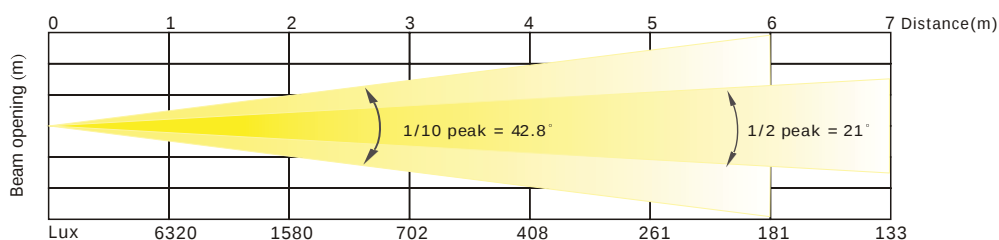
### CRI Rendition



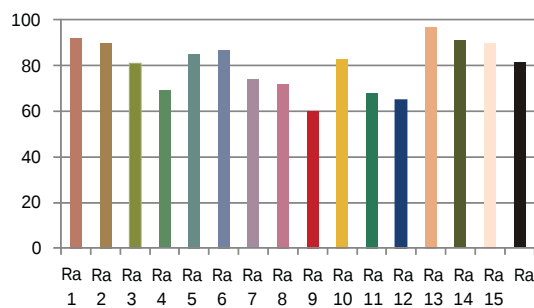
### CIE 1931 Color Rendition



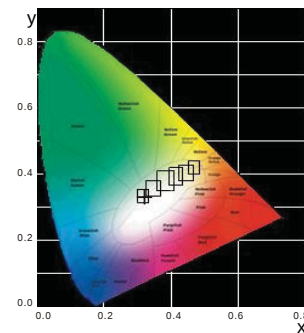
### Illuminance at Distance Based on 5600K



### CRI Rendition



### CIE 1931 Color Rendition





## Studio Panel LED Luminaire (shown with optional 4-leaf barndoor)



### Technical Specifications

#### Electrical Specifications

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Source:                  | Tunable White LED Array                          |
| Output:                  | > 2,000 lumens (white light)                     |
| Color Temperature:       | 2700 - 6000K (user adjustable)                   |
| Operating Voltages (AC): | 100 to 240 Volts AC (auto-ranging)               |
| Operating Voltages (DC): | 12 to 24 Volts DC (auto-ranging)                 |
| Frequency:               | 50/60 Hz                                         |
| Current Draw:            | 50 Watts (max.)                                  |
| Ambient Temperature:     | 0° to 40°C (32° to 104°F)                        |
| Humidity:                | 5%-95% Non condensing                            |
| Control:                 | DMX512 (1990) / DMX512A (RDM) /<br>On-Board Menu |

#### Mechanical Specifications

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Construction:         | Die cast aluminum and molded<br>engineering grade plastic components |
| Color Options:        | Black                                                                |
| Weight:               | 5.1 lbs / 2.3 kg (luminaire only)                                    |
| Cooling:              | Natural Convection                                                   |
| Standards Compliance: | CE Marked                                                            |



### Ordering Information

#### Cat No. Description

##### Studio Panel luminaires

**PLSTUPNL-03** Studio Panel LED Luminaire\*

##### Studio Panel Luminaire Input Cables\*\*

|               |                                    |
|---------------|------------------------------------|
| <b>PC1BE</b>  | 1 Meter AC Input Cable***          |
| <b>PC1GP</b>  | 1 Meter AC Input Cable - Stage Pin |
| <b>PC1GTL</b> | 1 Meter AC Input Cable - Twistlock |
| <b>PC1GR</b>  | 1 Meter AC Input Cable - Edison    |
| <b>PC3BE</b>  | 3 Meter AC Input Cable***          |
| <b>PC8BE</b>  | 8 Meter AC Input Cable***          |
| <b>PC8GR</b>  | 8 Meter AC Input Cable - Edison    |

##### NOTES:

\* All units include PC1BE AC input cable, stud adapter (male/female), handle/mount assembly, and installation & user's manual

\*\* All AC input cables supplied with a Powercon connector to mate to fixture.

\*\*\* Cable supplied bare-ended. User supplies and installs AC input connector.

##### Studio Panel Luminaire Accessories

|                     |                                |
|---------------------|--------------------------------|
| <b>PLSTUPNLBD</b>   | 2-Leaf Snap On Barndoor        |
| <b>PLSTUPNLBD4</b>  | 4-Leaf Snap On Barndoor        |
| <b>PLSTUPNLBSAF</b> | Female 5/8-Inch Stud Adapter   |
| <b>PLSTUPNLBSAM</b> | Male 5/8-Inch Stud Adapter     |
| <b>MEGAFLAW</b>     | Megaflaw, Black Anodized       |
| <b>SC</b>           | Molded Yoke C-Clamp            |
| <b>HC</b>           | Light Weight Half Coupler      |
| <b>82003</b>        | Safety Cable                   |
| <b>PLSTUPNL40</b>   | 40-Degree Standard Spread Lens |
| <b>PLSTUPNL60</b>   | 60-Degree Standard Spread Lens |

### Selecon Lighting

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