# CANARA Lighting

www.canaralighting.com

## LED SOFT PANEL LIGHT

# 250W – 5600K / 3200K

Canara LED soft panel series LED lighting system has been specifically developed for film and video applications that demand extremely color-accurate, high quality light. Utilizing proprietary, state-of-the-art, daylight balanced LEDs, Canara LED Panel creates a high volume of broad spectrum white light, combined with an electronic flicker-free dimmable power supply unit to create a powerful yet economical LED soft light make it the perfect choice for TV studio, Production Studios, Film Recordings & Documentaries etc.,



**MODEL : CLP-250DS (5600K)**
**CLP-250TS (3200K)**

## TECHNICAL SPECIFICATIONS

### LIGHT SOURCE

- Lamp : SMD LED ARRAY
- Color temperature (CCT) : 5600K or 3200K
- CRI : > 95, TLCI: > 95, R9 Value: > 95
- Color Quality Scale (CQS) : > 95
- Lamp life : L70 >50000 Hours @ 55°C

### ELECTRICAL

- Flicker free universal auto-ranging electronic switch mode power supply 100~240 VAC Nominal, 50/60 Hz
- 0 to 100% 8 Bit Linear Dimming
- Power Factor ≥0.95 @ 230V 50Hz
- Max mains current drawn 1.13A @ 230V AC 50Hz
- Max LED current drawn 5.21A @ 48V DC
- Power supply cable: 2 meter 3 Core 1Sq mm FRLS grade PVC cable with IEC Plug

## SPECIAL FEATURES

- Delivers the High-volume light output.
- Double accessories slot for inserting color Filters, Barndoor, Honeycomb screen and other accessories with lock retaining clip.
- Fully RDM Compliant when in DMX mode
- Non-glare, diffuser provides uniform, single source light.
- Efficient power and thermal management delivers low power consumption and enhanced reliability.
- Fanless design perfect for studio application
- All metal construction.
- No light spill to distract audiences or performers.
- Available with pole operated yoke.



## OPTICAL SYSTEM

- Beam Angle : 100°
- Lens Material : standard diffuser panel optics.
- Optical characters : Soft filtered uniform dispersion.

## DMX CHART

- 1 Channel Mode : Dimmer, 0-100%

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## CONTROL

- On board Control with 5 No's High Precision Membrane switch with 7 segment display for easy to read status.
- USITT DMX512A (RDM Compatible) Control Protocol.
- 5 pin locking XLR Chassis mount DMX in & through connections
- 8 bit DMX control, extra soft dimming, for theatrical & Studio use.

## PHYSICAL

- Aluminium & MS laser cut body
- Passive Cooling system with large heatsink, no noise, perfect for TV studios & theatres
- Aluminum yoke
- Available in Manual and Pole operated system for Pan, Tilt and Focus.
- Epoxy polyester powder coated matt black finish (RAL – 9005) (Customizable as per requirements)
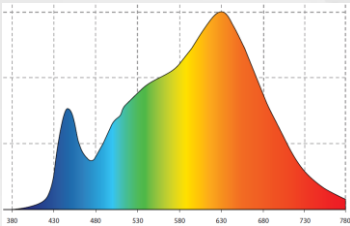- IP Rating : IP20

## WEIGHT & DIMENTION

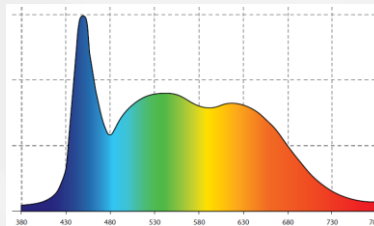| Length | Width | Height | Weight |
|--------|-------|--------|--------|
| 665 mm | 360 mm | 125 mm | 10.8 Kg |
| 2.03 ft | 1.08 ft | 0.41 ft | 23.8 lbs |

## ACCESSORIES (Optional)

- 4 leaf Barndoor or 8 Leaf Barndoor
- Softbox
- Honeycomb screen
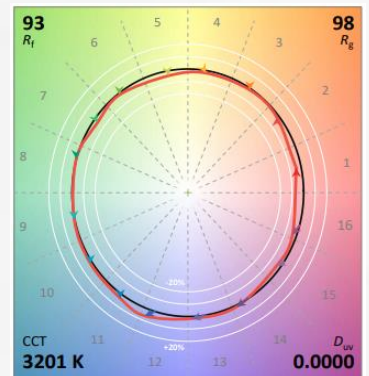- Conical Diffuser
- Clamps & Spuds
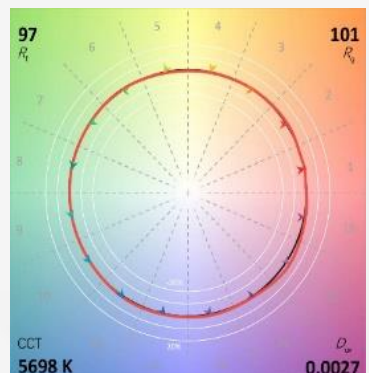- Power & DMX Cables

### SPECTRUM-3200K



### SPECTRUM-5600K



### TM-30(3200K)



CCT 3201 K   $D_{uv}$ 0.0000

### TM-30(5600K)



CCT 5698 K   $D_{uv}$ 0.0027

### Photometric Data - @ 100 Degrees

| | | 1 | 2 | 3 | 3.5 | 4 |
|---|---|---|---|---|---|---|
| Throw Distance | (m) | 1 | 2 | 3 | 3.5 | 4 |
| | (ft) | 3.28 | 6.56 | 9.84 | 11.48 | 13.12 |
| Beam Diameter | (m) | 2.39 | 4.77 | 7.16 | 8.35 | 9.54 |
| | (ft) | 7.83 | 15.65 | 23.48 | 27.39 | 31.30 |
| Illumination 5600K | (lux) | 7440 | 1860 | 827 | 607 | 465 |
| | (fc) | 691 | 173 | 77 | 56 | 43 |
| Illumination 3200K | (lux) | 7280 | 1820 | 809 | 574 | 455 |
| | (fc) | 676 | 169 | 75 | 55 | 42 |