

# Maximum impact: any size, anywhere



## Your professional display solution

- Environmentally friendly low power consumption and high brightness
- Fully weatherproof, low maintenance, closed cabinet (IP65) for increased reliability
- Top grade, selected, Nichia LEDs for optimum color and brightness uniformity
- Temperature controlled fans to minimize audible noise



**Technical Specifications (per panel)**

**Product Type**

- type: VVWL660 S B50 AA
- I2NC: 9150 000 00851

**Picture / Display**

- brightness: 5000 cd/m<sup>2</sup>
- LED type: 5 mm lamp
- picture enhancement: ASP™
- panel resolution physical: 32 x 32 pixels
- panel resolution addressable: 32 x 32 pixels
- viewing angle: 120° (H) / +17°, -33° (V)
- pixel pitch physical: 25.0 mm
- pixel pitch addressable: 25.0 mm
- color temperature: 6500 K
- refresh rate: ≥800 Hz
- gray scale: 16 bit
- color resolution: 48 bit
- contrast ratio: 10000:1

**Environmental**

- operating environment: outdoor, fixed install
- operating temperature: -20 to +50 °C
- operating humidity range: 10 to 95 %
- ingress protection front: IP65
- ingress protection back: IP65
- LED lifetime: >70000 hours
- approvals: CE, FCC, ROHS

**Power**

- mains input: 200-240 V AC, 50/60 Hz
- power consumption typical: 124 VA
- power consumption maximum: 310 VA

All specifications are subject to change without prior notice.

**Physical**

- cabinet dimensions (w x h x d): 800 x 800 x 183 mm (2' 7.5" x 2' 7.5" x 7.2")
- display area: 0.64 m<sup>2</sup>
- weight: 40 kg (88 lb)
- cabinet material: aluminum

**Input Signals**

- panel: proprietary digital signal from local data distributor
- data distributor: single mode fiber from remote signal processor.
- signal processor: DVI digital signal only
- video processor (optional): composite video, Y/C, RGBS, YPbPrS, (HD-)SDI, DVI

**Accessories**

- 3-phase mains distribution (optional)  
*Adapts incoming 3-phase mains supply to multiple single-phase outlets.*
- VP520 video processor (optional)  
*Decodes and scales selected video source into DVI signal suitable for signal processor.*
- DA SP230 signal processor  
*Formats DVI input signal for transmission to data distributor at screen, via single mode fiber cable.*
- DA DD330 data distributor  
*Receives incoming digital signal via fiber cable from remote signal processor and distributes the signal to screen panels via CAT. 5e cables.*

**Special Features**

**ASP™**

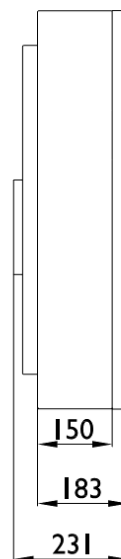
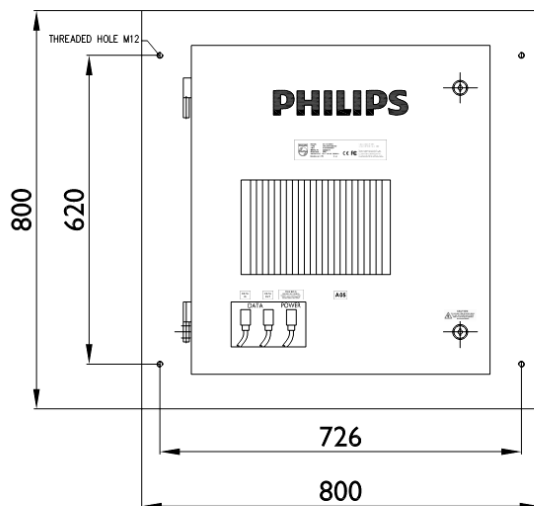
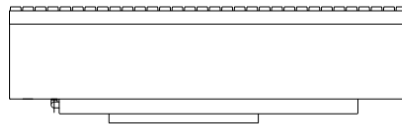
*Anti-Solarization Processing uses Philips' proprietary 48 bit color processing to completely eliminate disturbing solarization effects commonly seen in dark picture areas of typical LED screens.*

**Optimum Performance**

*The precision LED drivers are set for optimum performance of the top grade LEDs to minimize disturbing noise and maximize the lifetime.*

**Lightweight**

*Rugged, non-corrosive, cabinet design that is easy to handle and suited for the most demanding environments.*



www.philips.com/vidiwall

November 2008