

Screen Detail Digital Display Screen

Aoto Unit using Modules supplied by Cree Inc USA

Presentation

The 'IT' TILE has been designed specifically for the fixed installation advertising market. The module is based on a 320mm x 320mm, IP67 platform that can be pre-built into super-sized modules that weigh under 44kg per square metre for speedy installation.

User friendly options include front access maintenance and remote diagnostics with fault detection down to pixel level. Remote diagnostics with email/SMS reporting option

- IP67 protection
- Radiant calibrated system
- Choice of Nichia & Everlight LEDs
- Front access maintenance options
- Lightweight and slim to reduce installation costs
- Super-sized modules for quick and easy installation
- CE & UL certification



Robustness and Durability

Product specially designed for direct outdoor use in a wide range of environmental/temperature conditions and features.

Brightness level not affected by extreme temperatures and does not degrade over time like other technologies.

Best in class product in term of visibility in direct sunshine. Improved reliability and life through expert thermal and solar management design.

Certifications

CE

Manageability

Extensive monitoring capability through digital image verification that gives immediate feedback about display performance.

Intelligent monitoring/control and maintenance features.

Modularity

Modular design for simple on-site service.

Vandalism

Screen front opened by the use of special keys.

Screws and fixing gears are invisible.

Panel composed of unalterable materials.

Encrypted transmission between JCDecaux NOC and the digital displays.

High quality materials and coating.

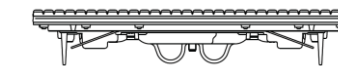
Screen Information

Pixel Spacing (mm)	6
Rows and Columns	440 x 620
Pixel Configuration	RGB LED
Calibrated Brightness	5500Cd Max
Lifetime ½ brightness	130,000 hours
Viewing Angle	
Horizontal	140°
Vertical	120°
Video Processing	ATIEC
Colour Processing	16 bit
Colour temperature	3500° – 9500° K
Dimming Capability	5 bit (32 levels)
LED Refresh Rate	1000Hz
Contrast Ratio	1000:1
Calibration	Full Depth LED to LED
Service Access	Front
Cabinet Depth	300mm
Cabinet Construction	All Aluminium
Overall Area	7.8m ²
Display Dimensions	maximum 3650mm x 2140mm
Display Weight	335Kg
Power Requirements	
Max	15840 watts
Typical	4752 watts
Temperature Rating	-35° – 43° C

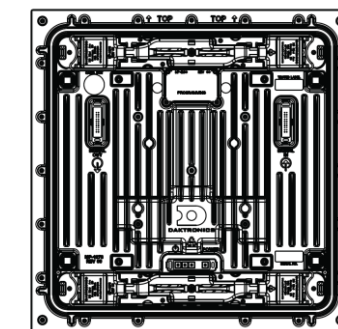
- Weatherproofing
- Ventilation
- Graphics Capability
- Data transfer to Display
- Pixel Processing
- High Brightness

- Rear: IP 55 Front: IP 65
- Fan Filter
- VGA/DVI to UXGA
- Direct: Fibre Optic cable remote; Internet/Network
- Each pixel contains an independently controlled RGB LED for exceptional detail and colour accuracy
- Used controlled intensity overcomes harsh lighting conditions even in direct sunlight

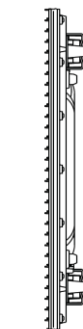
Module: Top



Rear



Side



Front



JOB	Kings Cross Station – Western Concourse Euston Road London N1 9AP
CLIENT	Network Rail
SCALE	NTS
DRAWING	Digital Module Detail
REFERENCE	A00989/08