

DYNAMIC

Your All-in-one LED Display

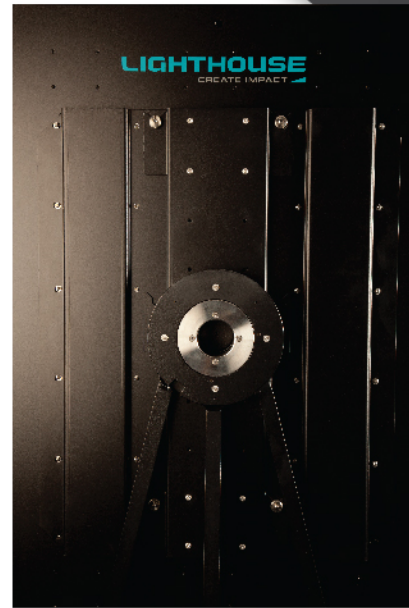
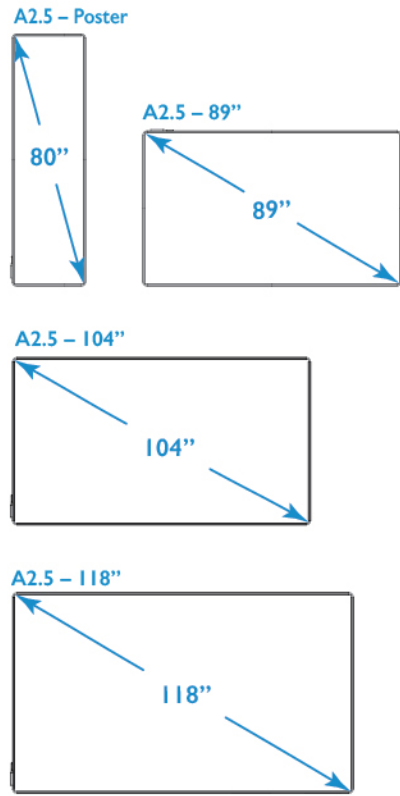
The fact that LED displays capture more views and give a better return on investment than static displays is common knowledge. But what if you don't think you have the space, or if it's too heavy to hang? And what if you want to have a standalone screen without having to build a special structure to house it?

At Lighthouse, we're always looking for ways to help our customers conquer their display challenges by developing new products that truly meet their needs. Our most recent solution is the new Dynamic series, which has been designed for just these situations and many more.

The lightweight panels of Dynamic are slim and easy to install, which means Dynamic can be hung from ceilings or wall mounted in places you just didn't think were possible. Dynamic also has incredibly wide horizontal and vertical viewing angles, allowing you to captivate more people, and the superior clarity and depth of color are everything you would associate with Lighthouse screens.

Dynamic can also be connected via WiFi direct, USB and LAN, it has an internal media player, and has a customised stand so you can also use it as a standalone screen. And content can be changed instantly and as often as you like via our handy mobile app.

In fact, whatever you need from an LED screen, Dynamic is the answer.



Dynamic Series Product Lineup

Visual Characteristics	A2.5 - Poster (80")	A2.5 - 89"	A2.5 - 104"	A2.5 - 118"
Brightness	Nits	1000		
Visual Viewing Angle - Horizontal	Deg.	160 (+80/-80)		
Visual Viewing Angle - Vertical	Deg.	160 (+80/-80)		
Pixel Configuration	R/G/B	SMD 3-in-1		
Pixel Pitch	mm	2.571		
Processing Depth	Bit	16		
Modular Characteristics				
Aspect Ratio		8:27	27:16	16:9
Panel Width	mm/ft	614 / 2.02	1982.4 / 6.50	2342 / 7.68
Panel Height	mm/ft	1982 / 6.50	1190.4 / 3.90	1550 / 5.09
Panel Depth	mm/ft	38.2 / 0.13		
Panel Weight	kg/lb	30 / 66	72 / 159	80 / 176
Visual Pixel	w x h	224 x 756	756 x 448	896 x 504
1008 x 588				
Environmental				
Ingress Protection (Front/ Rear)	IP	IP20 / IP20		
Lifetime (50% Brightness)	hrs	≥100000		

*Lighthouse reserves the right to change any specifications without notice



Traditional LCD Display

HIGH CONTRAST	✓	
HIGH BRIGHTNESS	✓	
LONGER LIFETIME	100,000 hours (50% Brightness)	50,000 hours
LOW MAINTENANCE COST	✓ *	
* Composes of numbers of "IM" intelligent module which can be replaced by the special designed magnetic tool		Not repairable for any dead pixel
NON-REFLECTIVE SURFACE	✓	
	Not glass panel	



Lighthouse Technologies Ltd.

Headquarters: T+852 2192 1688 F+852 2423 1092 E:dynamichk@lighthouse-tech.com

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IN·VIEW
Issue 53

LIGHTHOUSE
CREATE IMPACT



DYNAMIC

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Shopping Malls / Retail Shops

Exceptional Visual Quality

Dynamic series adopts high quality SMD LEDs which enable it to produce superior clarity and color depth, making the displayed content much more attractive than competitors' products. With its incredibly wide 160° horizontal and 160° vertical viewing angle, Dynamic is an excellent digital signage solution for situations where you want to broaden your audience and increase the exposure of your product.

Space-Saving Design

Dynamic series panels have an ultra-slim profile with a thickness of just 38mm, allowing them to be ceiling hung wall-mounted. Dynamic series can also be used as a standalone display with an embedded playbox which can display preloaded contents in a variety of media types and formats without any connection to external players. This means that just one power cable is needed to operate Dynamic displays.

Capability to Integrate with IoT Marketing Solutions

Dynamic series is not only a digital signage solution, it can also be a part of an IoT marketing solution for retail shops and shopping malls. With the addition of a set-top box and external sensors, content can be interactively controlled by customers' gestures. In addition, audience data can also be collected allowing target customers to be defined and make promotions displayed accordingly.

Hotels / Exhibition Centers

Ease of Delivery, Installation and Dismantle

Dynamic series is a perfect match for banquets and events due to its lightweight and quick installation time. The weight of Dynamic series ranges from just 30kg (80" version) to 110kg (118" version). When used in conjunction with a customized stand with wheels, it is easy to move from one location to another. The 104" and 118" versions are designed to be divided into two and three parts respectively, making them extremely easy to ship. Both installation and dismantling is quick and simple, only taking around an hour to complete. This means that Dynamic series is highly suitable for a wide variety of temporary events in both hotels and exhibitions centers.

Remote Content Management

Dynamic series supports various connection methods which include Wi-Fi direct, USB and LAN cable. With Wi-fi direct, mobile devices using the 'LH Dynamic' mobile app become handy tool for data communication or instant content changeover. Users can also design the display content layout and upload it to the Dynamic series remotely via the 'LEAP-D' PC software. This convenient content management system allows displayed content to be changed frequently to suit different occasions.

The mobile app "LH Dynamic" is available from the App Store / Play Store.

Quick Servicing

The LED Intelligent Module (IM) of the Dynamic series has a cable free design. This allows IMs to be dismantled or installed with a specially designed magnetic tool. The brightness and color of the LEDs can be calibrated via the "LEAP-D" PC software. This results in quick and easy servicing an IM needs to be replaced.



Schools / Churches / Lobbies

Multi-Purpose Embedded Playbox

The Dynamic series is a standalone all-in-one LED display which is suitable for a wide variety of applications. It contains an internal media player with a 6GB internal memory, which can be expanded into 32GB via an external USB drive. By using the powerful 'LEAP-D' software to manage the playbox inside the panel, Dynamic series can be turned into:

- A Digital Frame
- A video player showing different contents e.g. highlights of various activities
- A notification board, which can include, for example, weather information
- A scoreboard

Auto-Scaling for External HDMI Signal

Dynamic series has an auto scaling function which enables the external HDMI signal to be displayed in full screen no matter what the resolution of the source file. This means that the Dynamic series is able to be used for:

- Television (Connected via an external TV box)
- Live broadcast
- Screen presentations