digiLED
THE LED SCREEN EXPERTS

NANO COB

ULTRA FINE PITCH
CHIP ON BOARD (COB) DESIGN
THE MOST ROBUST LED TECHNOLOGY
SUPER-LOW POWER CONSUMPTION
QUICK AND SEAMLESS INSTALLATION
OPTIONAL FRAME FOR WALL MOUNTING

NANO COB

FEATURES

Ultra fine pitch

digiLED's NANO COB gives you the option of pixel pitches down to 0.9mm, allowing you to create high resolution, 4K screens starting from much smaller dimensions.

Chip on board (COB)

digiLED's NANO COB gives you the most robust LED technology, regardless of the pixel pitch, making this the perfect product for customer facing applications as the encapsulated LEDs are hard to damage.

NANO COB PANEL
DIAGONAL DIMENSIONS

NANO COB 0940

NANO COB 1270,
1580 and 1900

digiLED Application Experts

- Site surveys, install design & visuals
- Procurement / installation of screen surface & structures
- System commissioning & ongoing maintenance / warranty

Super low power consumption

With a max power consumption of 444 watts per sqm and an average consumption of 133 watts per sqm, NANO COB has a super low power consumption.

Optional frame for wall mounting

Should your display need to be wall mounted, digiLED can supply you with a compatible frame for your NANO COB screen.

Contact T +44 20 7381 7840 info@digiLED.com www.digiLED.com

NANO COB

PRODUCT SPECIFICATIONS

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		NANO COB 0940	NANO COB 1270	NANO COB 1580	NANO COB 1900
Physical Pixel Pitch (HxV) mm		0.938	1.267	1.583	1.900
Pixel Resolution (Width/Height)	pixels/panel	640 x 360	480 x 270	384 x216	320 x 180
Panel Dimensions	(W x H x D) mm	600 x 338 x 59.5	608 x 342 x 72	608 x 342 x 72	608 x 342 x 72
Standard Panel Area	m2	0.203	0.208	0.208	0.208
Standard Weight	kg/m2	35.56	34.61	34.61	34.61
Ingress Protection	(Front/Rear)	IP30/IP30			
Maintenance Access		Front			
Standard Refresh Rate	Hz	TBC			
Uncalibrated Brightness*	nits	≥650	≥850	≥850	≥850
Calibrated Brightness*	nits	≥450	≥600	≥600	≥600
Input Voltage	VAC/Hz	100~250 50/60			
Max Power Consumption**	W/sqm	444	452	452	452
Typical Working Power Consumption**	W/sqm	133	136	136	136
Operating Temperature (min/max)	degC	-10/+40			
Certification***		CE (62386-1), LVD, EMC, RoHS			
HDR****		(see foot note)			

All specifications are subject to change without prior notification. E&OE.
Specifications are for standard system configuration. Contact your digiLED expert for detailed specification.
*The figures shown for brightness are standard guidelines figures only and based on average test laboratory conditions.
** The figures shown for power consumption are standard guidelines figures only and based on average test laboratory conditions.
*** CE comes with IEC (EN) 62368-1
****HDR: Subject to system configuration and processing.

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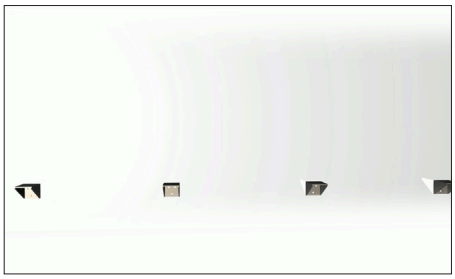
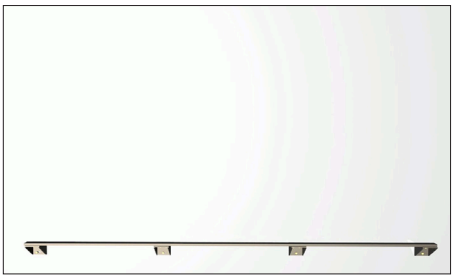
INSTALLATION FOR NANO COB

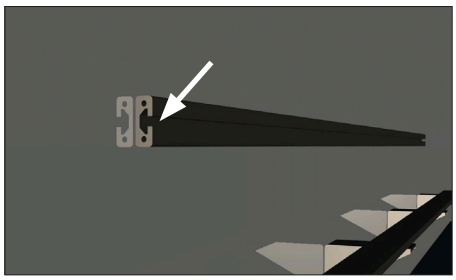


Fix angle brackets to wall surface using a levelling device.

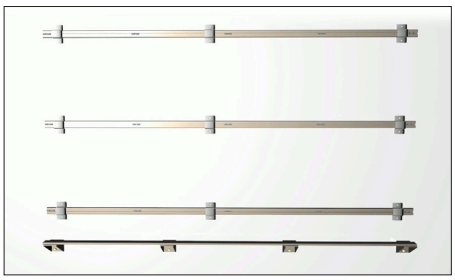


Lay horizontal bar across brackets making sure it is level and straight.

Fix wall plates horizontally up the wall.

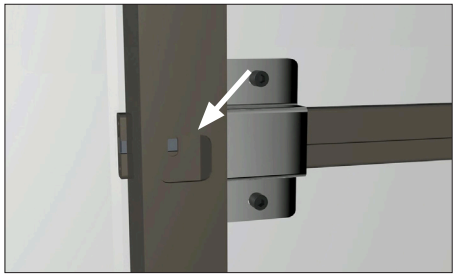


Note the profile of the horizontals. This provides easy slotted assembly.

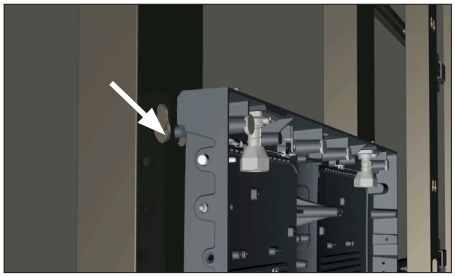


Use clamp plates to fix to the wall.

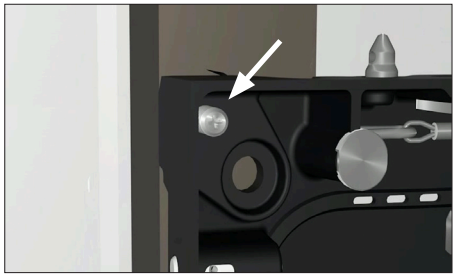
Attach vertical fixing plates to the horizontals.



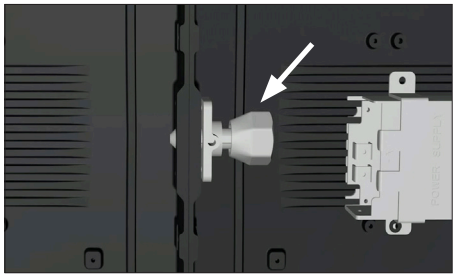
Note the profile of the verticals. This provides easy slotted assembly.



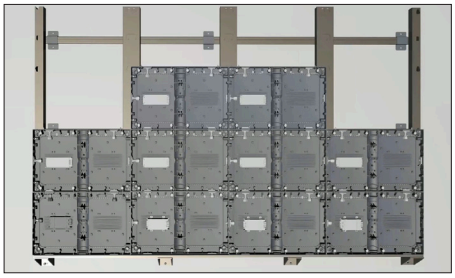
Align the fixing screw on the rear of the LED panel chassis which keyslots into the vertical beams.



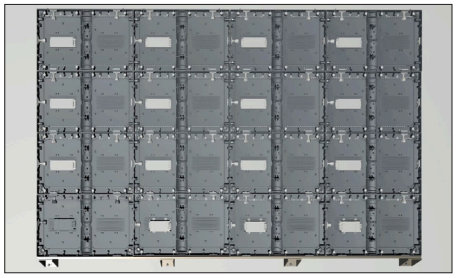
Turn the adjustment screw in or out to make sure the LED panel chassis is level with its neighbour.



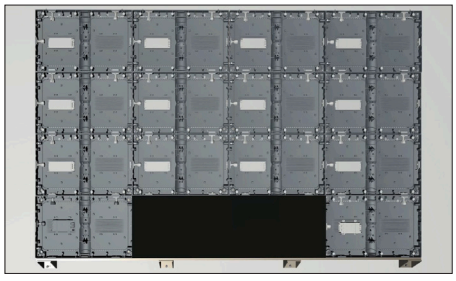
Fix and tighten the joining bolts to each neighbouring chassis.



Continue fitting all the screen panels.



Make any final adjustments and lay inter-connecting cables.



Populate the screen with LED tiles gently clicking into place.

Completed screen.

Connect content feed and enjoy truly pin sharp vivid imagery.

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APPLICATIONS

APPLICATIONS

Corporate Lobbies • Boardrooms •
Auditoriums • Retail • Venues • Arenas • Public Spaces