AURORA SIGNAGE

Professional | Captivating | Innovative

LDC500 LUX SERIES

Outdoor

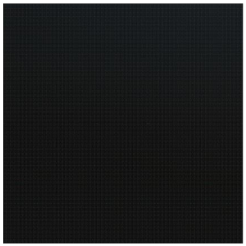
P1.56 - P1.95 - P2.6 - P2.97 - P3.9

Indoor

P1.2 - P1.56 - P1.95 - P2.6

1.1 SPECIFICATIONS (SIZE)

Cabinet



Module

MEASUREMENTS

MODULE	CABINET
Width : 250mm	Width : 500mm
Height : 250mm	Height : 500mm
Thickness : 10mm	Thickness : 45.8mm
Weight : 1kg	Weight : 9kg

1.2 SPECIFICATIONS (INDOOR)

LDC500-LUX SERIES

- ➢ LTP: LED Treatment Protection
- ➢ M-lock: Magnetic Front Lock
- ➢ Full Front Maintenance
- ➢ Back Maintenance
- ➢ Double Diecasting

PITCH	P1.22	P1.56	P1.95	P2.6
SERIES NO.	LDC50012SFP	LDC50015SFP	LDC50019SFP	LDC50026FP
TRUE BLACK SMD	>700cd/m²	>1000cd/m²	>1000cd/m²	>1000cd/m²
DISTANCE	> 1.22m	> 1.56m	> 1.95m	> 2.6m
LED KIND	SMD0606 / SMD1010 (LTP)	SMD1010 (LTP)	SMD1010 / SMD1515 (LTP)	SMD1515 (AOB/LTP)
PIXEL DENSITY	665856 dots/m²	409600 dots/m²	262144 dots/m²	147456 dots/m²
TECHNOLOGY	M-Lock, LTP, AOB, FPi , HDR , i-MODULES, CCT (Optional technology)			
REFRESH RATE	1920Hz - 3840Hz			
VIEWING ANGLE	160°(H) / 160°(V)			
MODULE SIZE	250 x 250 mm			
CABINET SIZE	500 x 500 x 61.8 mm 19.7'' x 19.7''			
CABINET RES	408 x 408 px	320 x 320 px	256 x 256 px	192 x 192 px
DRIVE MODE	1/34 scan	1/32 scan	1/32 scan	1/16 scan
ENVIRONMENT	IP65/IP20			
MAX POWER	520W/m²			
VOLTAGE	AC 100-240V			
WEIGHT	Die-cast: 9 kg / Panel			
CERTIFICATION	CE , EMC, TUV-EMC, FCC, PSE, CCC, ROHS			

1.3 SPECIFICATIONS (OUTDOOR)

LDC500-WPR SERIES

- ➢ LTP: LED Treatment Protection
- ➢ M-lock: Magnetic Front Lock
- ➢ Full Front Maintenance
- ➢ Back Maintenance
- ➢ Double Diecasting

PITCH	P1.56	P1.95	P2.6	P2.97	P3.9
SERIES NO.	LDC50015WPR	LDC50019WPR	LDC50026WPR	LDC50029WPR	LDC50039WPR
TRUE BLACK SMD	>3500cd/m²	>3500cd/m²	>3500cd/m²	>3500-4000cd/m²	>3500-4000cd/m²
BLACK SHELL SMD	-	-	-	>5000cd/m²	>5000cd/m²
DISTANCE	> 1.56m	> 1.95m	> 2.6m	> 2.97m	> 3.9m
LED KIND	**MicroX**	**MicroX**	**MicroX**	SMD1515 (LTP)	SMD1921
PIXEL DENSITY	409600dots/m²	262144 dots/m²	147456 dots/m²	112896dots/m²	65536 dots/m²
TECHNOLOGY	**M-Lock, LTP, AOB, FPO , HDR , i-MODULES, CCT**				
REFRESH RATE	1920Hz - 3840Hz				
VIEWING ANGLE	160°(H) / 160°(V)				
MODULE SIZE	250 x 250 mm				
CABINET SIZE	500 x 500 x 61.8 mm 19.7" x 19.7"				
CABINET RES	320 x 320 px	256 x 256 px	192 x 192 px	168 x 168 px	128 x 128 px
DRIVE MODE	1/32 scan	1/32 scan	1/16 scan	1/14 scan	1/8 scan
ENVIRONMENT	**IP65 / IP54**			IP65 / IP54	
MAX POWER	**(CCT) 600W/m²**			(CCT) 800W/m²	
VOLTAGE	AC 100-240V				
WEIGHT	Die-cast: 9 kg / Panel				
CERTIFICATION	CE , EMC, TUV-EMC, FCC, PSE, CCC, ROHS				

2.1 BLACK SHELL vs TRUE BLACK

COMPETITOR
PITCH:≤P2.6

BLACK SHELL SMD

- High reflection
- Low contrast
- Poor effect at low gray image
- Bright visual effect
- Higher brightness

LDC500-SFP
LDC500-WPR
PITCH:≤P2.6

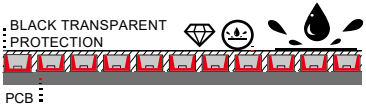
TRUE BLACK SMD

- Low reflection
- High contrast
- Good effect at low gray image
- Rich visual effect
- Enough brightness

2.2 LTP Technology

VS

VS



Feature	LTP	GOB	MASK
UV	100%	80%	60%
Protection	100%	100%	60%
Angle	80%	80%	60%
Flatness	100%	60%	80%
Uniformity	80%	60%	100%
Luminousness	80%	60%	100%
Contrast	80%	60%	100%

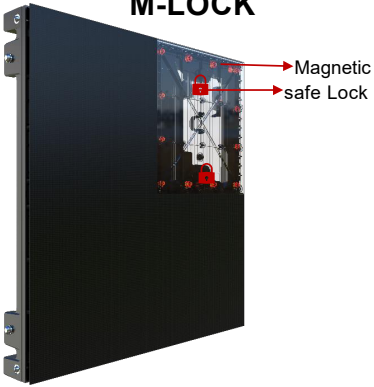
LTP

This coating not only protects the LED, but also prevents static, dust, water, and collison damage, for both indoor and outdoor use

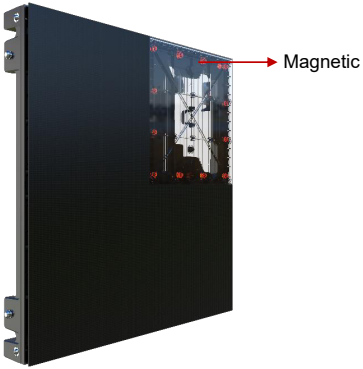
- Robust & impact resistant
- Larger viewing angle

2.3 M-LOCK Technology

M-LOCK



NO M-LOCK



M-LOCK

Magnetic Front Lock

- Mechanic front maintenance
- Highest security level
- Available on Indoor and Outdoor

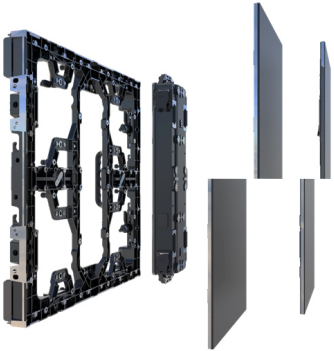
Anti Theft protection for public places - **Shockproof** safe from earthquakes and mechanical movement - **Anti Colission** protection against impacts and bad weather

3.1 CABINET DETAIL Material

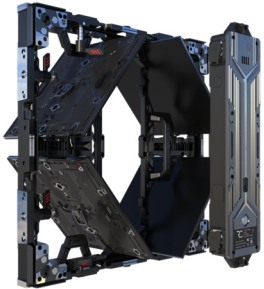
DOUBLE DIECAST FOR SUPERIOR UNIFORMITY

3.2 CABINET DETAIL Maintenance

Full Front

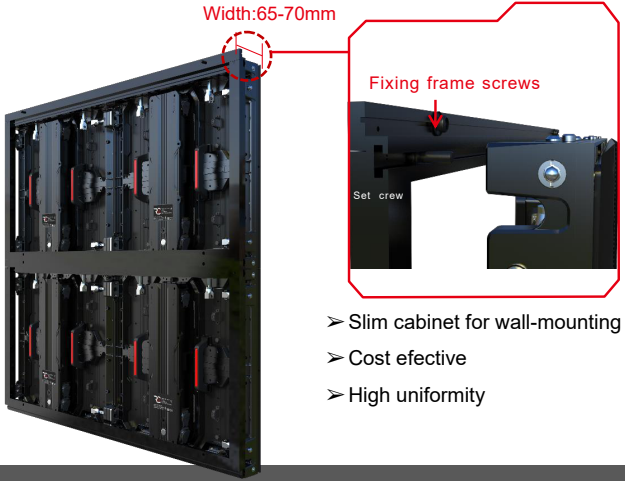


Full Rear



Fast and simple to remove separate power and control box for quick swap from front or rear

4.1 INSTALLATION Wall Mount



✓ Front installation + Full front maintenance

✓ Quick installation

✓ Ultra-thin wall mounting to save space(55% less thickness than conventional installation)

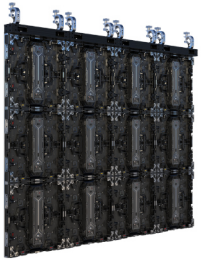
➢ Slim cabinet for wall-mounting

➢ Cost efective

➢ High uniformity

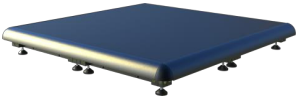
3.1 INSTALLTION Options

HANGING



STACKING

WALL-MOUNTED



FINE PITCH FLOOR

90° DEGREE

USE YOUR DISPLAY
WHERE YOU WANT

AURORA SIGNAGE

MicroX

High Contrast

Super Efficient

High Brightness

Long Lifetime

Exterior

EXTERIOR ENVIRONMENT

High Temperature, Low Temperature

ENVIRONMENT PROTECTION

Protected against exterior impact

AURORA SIGNAGE

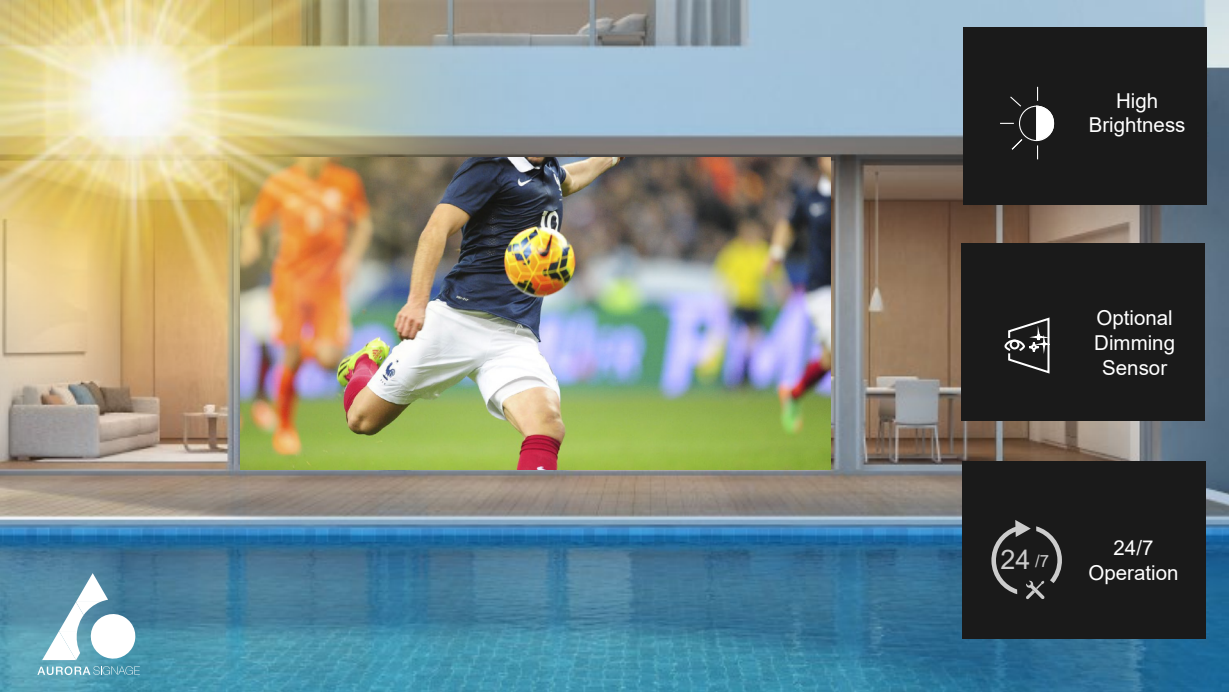
AURORA SIGNAGE
NORMAL
VS
HIGH REFRESH

AURORA SIGNAGE

HDR

SDR

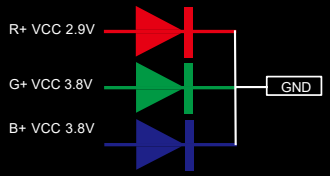
With high dynamic HDR technology, the colour is richer; The 120% coverage of gamut fully meets the dci-p3 standard; More than 28 trillion colour displays; Let you feel the lifelike world up close.


High Brightness
Optional Dimming Sensor
24 /7
24/7 Operation
AURORA SIGNAGE

CCT VS CAT

AURORA SIGNAGE

CCT Common Cathode Technology

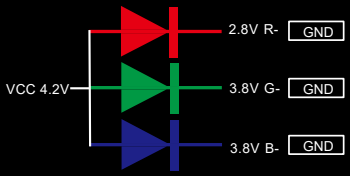


- Power saving
- Low heat conduction
- Extended life-span
- Perfect performance

VS

	CAT	/	CCT	≈	20%	
R (10MA)	4.2V	-	2.8V	=	1.4V	IC
G (10MA)	4.2V	-	3.8V	=	0.4V	IC
B (10MA)	4.2V	-	3.8V	=	0.4V	IC
(10MA+10MA+10MA) x 4.2V =0.126W						
10MA x 2.8V + (10MA+10MA) x 3.8V = 0.104W						
0.104/0.126=82.5%						

CAT Common Anode Technology



FPO FINE PITCH OUTDOOR

PITCH:≤P2.6

AURORA SIGNAGE

Micro X

	Low reflection
	High contrast
	Good effect at low gray image
	Rich visual effect
3500-4500cd/m²	High brightness

COMPANY MILESTONE
OUTDOOR

SMD

2013 P4.8

2014 P3.9

2015 P3.2

2016 P2.9

MicroX

2017 P2.6

2018 P1.9

2019 P1.5

2020 P0.9

BUS STATION LED DISPLAY

1. Higher Contrast and Readable in the full sunlight.

2. Enjoy the visual feast while waiting for the bus

90 DEGRE CORNER DESIGN

- Outdoor seamless corner LED display
- Wider viewing angle

AURORA SIGNAGE

MicroX OUTDOOR TV

OUTDOOR TV

The Terrace for business

Recience is a global leader in outdoor display technology and consistently creating industry-leading visual display technologies.

WALL - MOUNTED

AURORA SIGNAGE

AURORA SIGNAGE
High Brightness Indoor Window Display
Portrait Mode

90° CORNER DESIGN

- Subway station seamless 90°corner LED Display
- Full front maintenance to install and remove conveniently

AURORA SIGNAGE

Professional | Captivating | Innovative

3/60 Grove Avenue, Marleston SA 5033
sales@aurorasignage.com.au
www.aurorasignage.com.au

T: 1300 841 542
ABN: 22 620 120 836