

MDSdisplays.com



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COB LED Shelf Display

New Possibilities

1. Enormous Visual Impact
2. Customer magnet
3. Fresh and Dynamic content
4. Installs virtually everywhere
5. Different then the rest



Technical Parameters



Item	Parameter
Pixel Pitch	1.25mm
LED Type	COB
Refresh Rate	>=3840HZ
LED Module Size	150*56.25mm
LED Module Resolution	120*45 PX
LED Panel Size	300(W)*60(H)*21(D) mm
LED Panel Resolution	240(W)*45(H) PX
Max Current	1.5A
Input Volate	5V
Power Consumption(Max)	7.5W
Scan	1/45
Brightness	50-600 CD/ M2
Contrast Ratio	>=10,000:1
Viewing Angle	>=170°/ >=170°
Lifespan	100,000 hours
Working Temperature	-40°C-70°C
Working Humidity	10%-90% RH

Close up views



High level overview



Connections



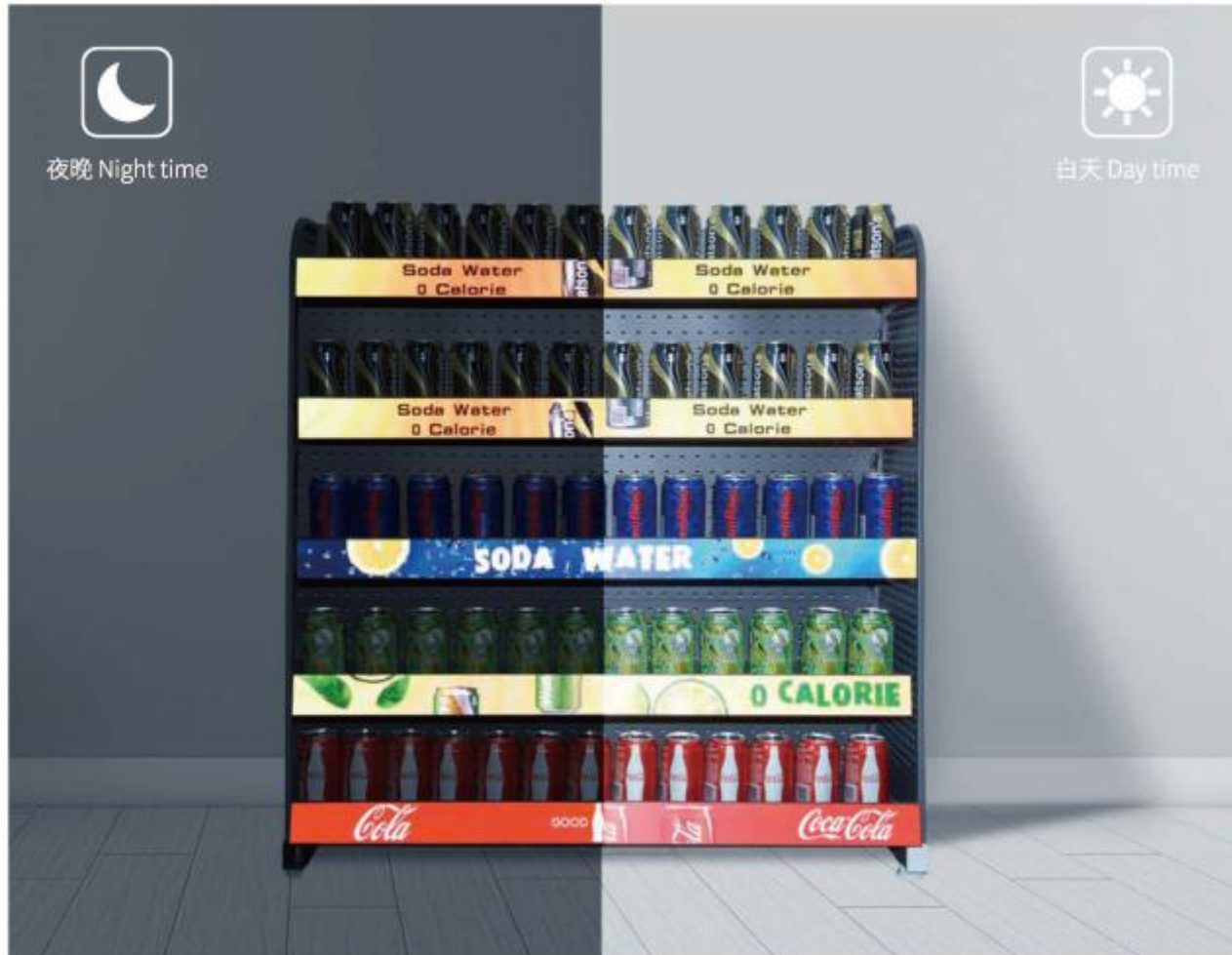
Some references





Technical Advantages

High Efficiency & Reliability



- 7*24 Hours operation.
- Zero failure of weak soldering, MBTF>60,000 Hrs.
- WIFI/ APP control, ultra low power consumption.
- Waterproof, dustproof, anti-static, collision of physical protection performance excellence.

Our Product Features



Waterproof



Dustproof

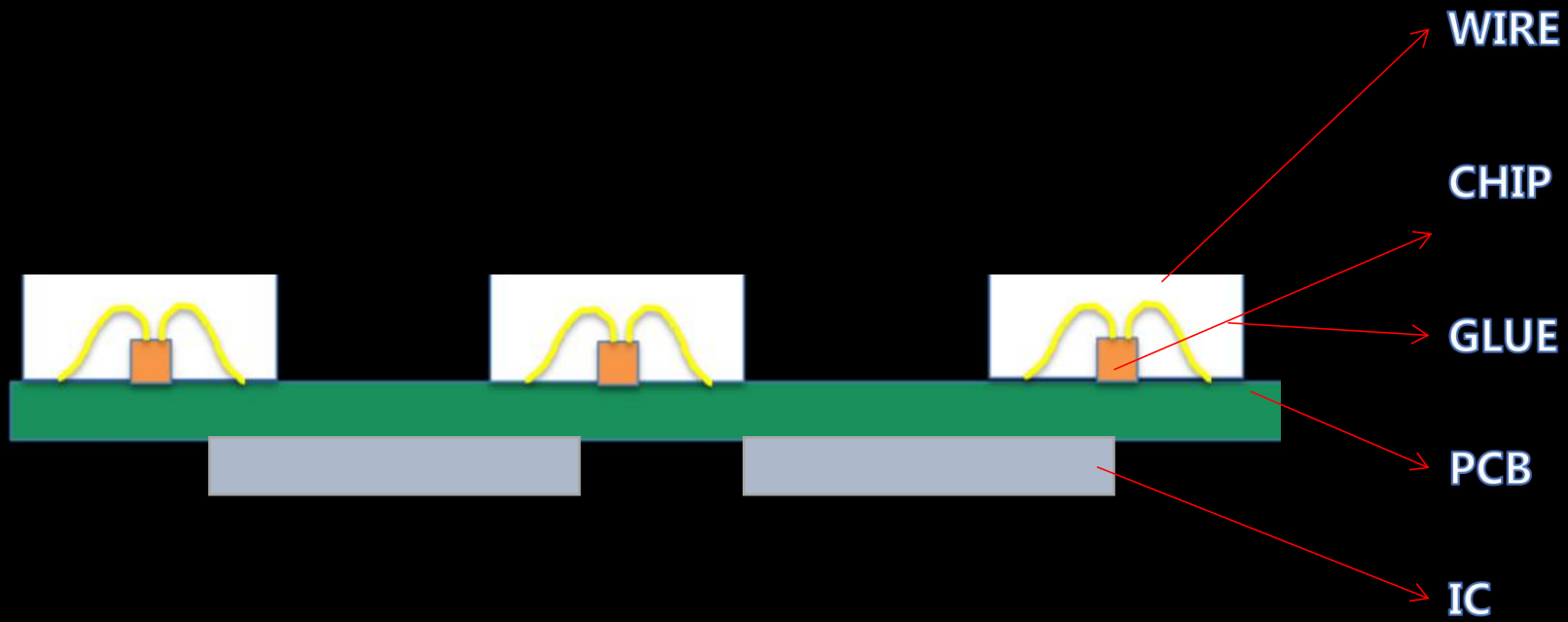


Impact resistant



Anti-ESD

COB Encapsulation

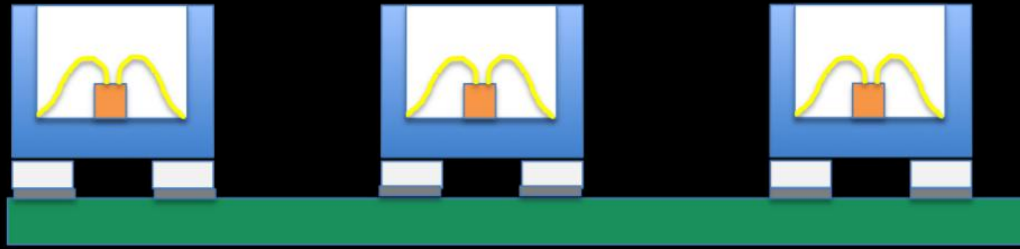


COB Advantage-Super Protect



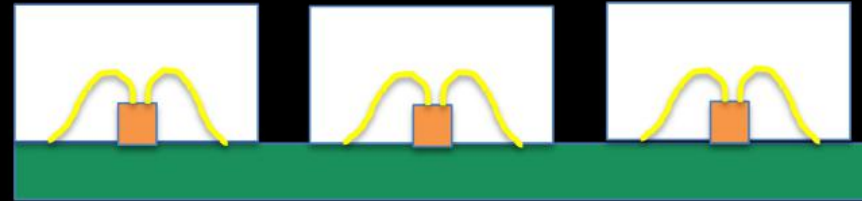
COB Advantage-Super Protect

NO WATER PROOF



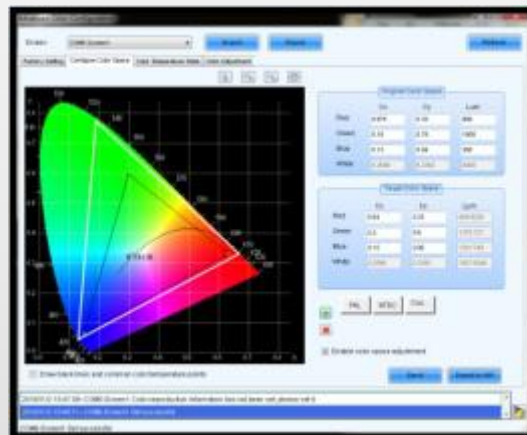
SMD

WATER PROOF



COB

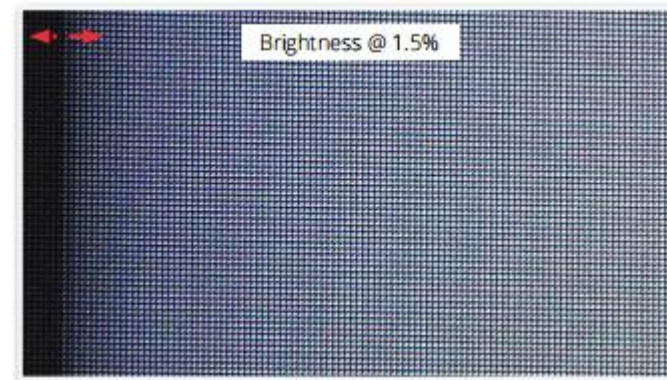
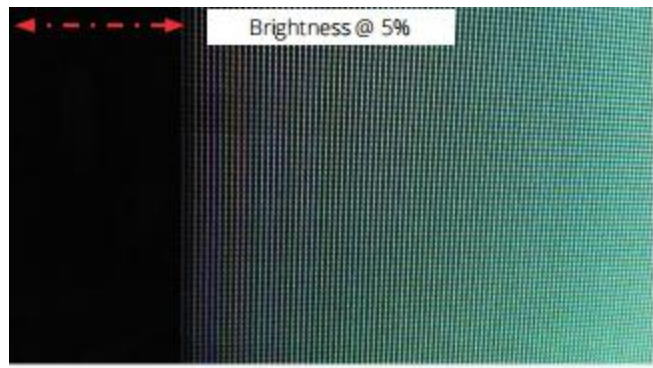
Color Quality



- ✓ Ensures up to 99% uniformity of brightness.
- ✓ Up to 281 billion colors.
- ✓ Low light operation without loss of color.
- ✓ Brightness level from 1 to 100%.
- ✓ Gamma curve (color range).

Grey Levels

Our hardware is capable of reproducing colors and grey levels very precisely, even when the display is using a very low brightness, for example during the night. This guarantees the best image quality all the time.



Package



Foam

Carton Box

Air Shower



Panasonic NPM-D3 Japan



Product quality is our core, Full Dust-free & Anti-static Workshop.



PARMI SPI SIGMAX
Solder Paste
Inspection Korea



HELLER
Reflow USA

Manufacturing Site

