GUARDIAN 0.9 MM

INDOOR COB

Guardian is a professional indoor COB LED display designed for exceptional image quality and reliable **24/7 operation.** Based on advanced Flip Chip COB technology, it delivers outstanding contrast, accurate col or reproduction, enhanced pixel protection, and stable performance for control rooms, command centers, and other mission critical applications.

Energy Efficiency

Guardian combines advanced Flip Chip COB technology with an energy efficient design to reduce power consumption by more than 40% compared to conventional SMD displays. Improved thermal conductivity and efficient heat dissipation help maintain stable operation while delivering outstanding image quality with lower energy consumption.

Advanced Surface Protection

Guardian features a durable polymer coating that helps protect the display from dust, mildew, static electricity, and accidental impact. The smooth COB surface can be safely cleaned with a damp cloth, making it ideal for demanding indoor environments where reliability and easy maintenance are essential.

Visual Excellence

Exceptional image quality is achieved through accurate color reproduction and outstanding black consistency. Developed in partnership with Multicolor, Guardian supports 100% AdobeRGB, REC.709, and sRGB color spaces together with 99% DCI-P3 coverage. The advanced polymer coating enhances contrast, reduces reflections, and delivers sharp details with smooth and natural image reproduction.

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Pixel pitch (mm):
0.95

Cabinet resolution (WxH):
640x360

Cabinet size (WxHxD), mm:
608x342x49 (27.5")

Net.weight/cabinet:
7.0 kg

Cabinet material:
Die-casting aluminum

Maintenance:
Front

IP Rating:
Front IP40 / Rear IP30

Brightness (cd/m2):
800

Max./Avg. power consumption:
289 W / 135 W (per m2)

Viewing angle (H/V):
160° / 160°

LED lifetime:
100,000 hrs

Certificates:
CE; ETL; FCC Class A; Rohs