

PENSARLED®

**HOLISTIC
BROCHURE 2026**

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HOLISTIC

Micro Full Flip Chip C-COB Encapsulation

Holistic pushes beyond conventional color limits with ultra-high grayscale performance and an expanded color gamut. This elevates the viewing experience while leveraging cutting-edge Micro Flip Chip COB technology.

**TAA
COMPLIANT**

TAA compliance ensures that products are manufactured or substantially transformed in countries approved by U.S. trade agreements. This certification is essential for government, military, and public sector projects, guaranteeing eligibility for federal procurement and compliance with U.S. regulatory standards.

KEY FEATURES

P0.78 – P0.9375 – P1.25 – P1.56

- Newest panel of the TFP Series
- Low power and heat
- Flip chip COB
- Low failure rate per million
- Stable and reliable
- Pixel Pitch: 0.78, 0.9375, 1.25, 1.56mm
- Anti-collision, moisture-proof, dust-proof
- Refresh rate: 7680
- Ultra high contrast: 10,000:1
- High grayscale: 8-10 Bits
- Viewing angle: 160 degrees H/V

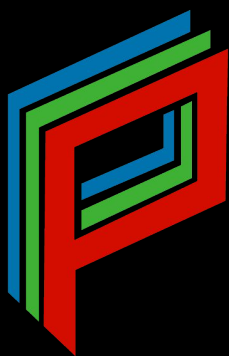


Description	0.7	0.9	1.2	1.5
Pixel Pitch (mm)	0.78	0.9375	1.25	1.56
Led Type	Common Cathode Flip Chip COB			
Module Dimension (WxHxD) (mm)	150 x 168.75	300 x 168.75	300 x 168.75	300 x 168.75
Panel Dimension (WxHxD) (mm)	600 x 337.5 x 33			
Pixel Per Panel	768 x 432	640 x 360	480 x 270	384 x 216
Panel Weight (kg)	4.2		4.1	
Panel Material	Die casting Aluminum			
Flatness (mm)	≤0.15			
Optical Parameters				
Brightness (nit)	1000	900	800	700
Refresh Rate (Hz)	7680			
Frame Rate (HZ)	60			
Gray scale (bit)	16			
Contrast Ratio	16,000:1			
Color Temperature (K)	9,000			
Viewing Angle (H/V) (°)	160/160			
Driving Type	1/48	1/46	1/45	1/46

Description	0.7	0.9	1.2	1.5
Electrical Parameters				
AC Operating Voltage (V)	AC 100~240 (50&60Hz)			
Power Consumption (Max./Avg.) (W/m ²)	290/95	250/85	250/80	
Application Parameters				
Storage Temperature (°C)	-30 ~ +85			
Operating Temperature (°C)	-20 ~ +60			
Storage Humidity (RH%)	10 ~ 85%			
Operating Humidity (RH%)	10 ~ 90%			
IP Rating	IP43			
LED Lifetime (H)	100,000			
Maintenance Mode	Front			
PSU & Others Maintenance	Front			
Panel Installation Type	Front			
Certification	CE, BSMI CNS15598, FCC, TUV			

***Notes:**

- 1.The specifications of C Obsidian S078 is preliminary.
- 2.Power consumption tolerance: ±15%
- 3.Panel weight tolerance: ±5%
- 4.IP43 : The surface of LDM can be wiped with a damp, soft cloth.



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