

PENSARLED®

LUMINOSITY
BROCHURE 2026

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LUMINOSITY

Micro Full Flip Chip C-COB Encapsulation

Luminosity originated as the first panel of the TFP Series providing strong brightness levels and high brightness. Utilizes COB Technology to expand the life of the LED wall.

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.



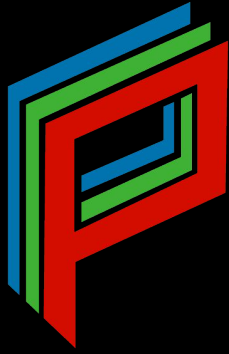
KEY FEATURES

P0.7 – P0.9 – P1.2 – P1.5

- Part of the TFP Series
- Flip chip COB
- Low failure rate per million
- Over 100,000 Hrs LED Lifetime
- Pixel Pitch: 0.7, 0.9, 1.2, 1.5 mm
- 1000 Max Nits
- Refresh rate: 3840
- Contrast Level: 15,000:1
- Grayscale: 8-10 Bits
- Viewing angle: 160 degrees H/V

Description	0.6	0.7	0.9	1.2	1.5	1.8
Pixel Pitch (mm)	0.6	0.7	0.9	1.2	1.5	1.8
Led Type	Flip Chip COB					
Size Cabinet (mm)	600x337.5x58					
Size Cabinet (in)	23.6x13.6x2.3					
Pixel Cabinet (dots)	960 x 540	768 x 432	640 x 360	480 x 270	384 x 216	320 x 180
Weight (lbs)	15.1					
Brightness (nits)	800-1000					
Grayscale	14					
Refresh Rate	3840					
Viewing Angle (degrees)	160Hx160V					
Contrast	15000:1					
AC Voltage	100/240					
Power Max/Avg (watt)	91/42	87/39	85/37	81/35	75/32	72/29
IP Rating	30					
Maintenance	Front					
Installation	Wall/Floor					

Specifications are subject to change without notice.



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For more information
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