

PENSARLED®

NERIO
BROCHURE 2026

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NERIO

Moisture-proof , Waterproof, anti-collision.



Nerio redefines excellence by integrating Premium Gold diodes with the intelligent efficiency of Common Cathode technology. By precisely distributing current to the R, G, and B chips, Nerio optimizes energy consumption and minimizes heat dissipation, setting a new benchmark for sustainable, high-brightness performance.

**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.



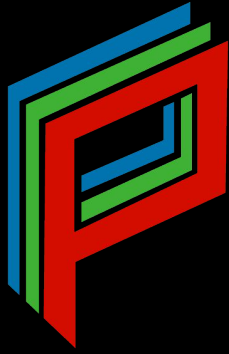
KEY FEATURES

PP1.2 – PP1.5 – PP1.8 – P2.5 – P2.9 – P4.0

- Premium Gold diodes
- Common Cathode
- TopCoat Epoxy package to make it moisture-proof , Waterproof, anti-collision.
- The common cathode power supply method is a technical solution based on the improvement of the common anode structure to save energy used by the LED display. It refers to the “Common Cathode” method to drive the LED display and accurately distribute the current to the R, G, and B chips.

Description	1.2	1.5	1.8	2.5	2.9	4.0
Pixel Pitch (mm)	1.2	1.5	1.8	2.5	2.9	4.0
Led Type	1010	1010-1212	1515	2020		
Size Cabinet (mm)	600x337.5x58			640x360x58		
Size Cabinet (in)	23.6x13.3x2.3			25.2x14.2x2.3		
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			16.3		
Brightness (nits)	600-800			1200-1500		
Grayscale	16-18					
Refresh Rate	3840					
Viewing Angle (degrees)	160Hx160V					
Contrast	5000:1					
AC Voltage	100/240					
Power Max/Avg (watt)	161.9/60.7					
IP Rating	40/TOP GOB					
Maintenance	Front					
Installation	Wall/Floor					

Specifications are subject to change without notice.



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For more information
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