

PENSARLED®

STEEL
BROCHURE 2026

www.pensarled.com



STEEL

Pixel Pitch Outdoor: 2.9mm, 3.9mm, 4.8mm

Meet the **Steel** by Pensar LED. Up to 7,000 nits of brightness, ensures vibrant images even in direct sunlight. The go-to workhorse for a wide variety of outdoor applications. Features high brightness, making it ideal for cutting through direct sunlight. High temperature durability and corrosion protection for reliable performance in harsh conditions.



High Brightness

- Copper wire: 4300-5000nits
- Gold wire: 3500-7000nits
- Die-casting aluminum cabinet
- Total front & rear service
- Fine pitch outdoor fixed installation
- IP66 and 5VB protection level
- Dimension: 500*1000*103.1mm

5VB FIREPROOF

Protection Level from high to low in UL94:

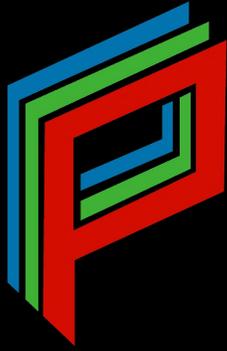
5VB>VO>VI>V2>HB

Die-casting Aluminum module.

High temperature durability.

Corrosion protection.

Description			
Pixel Pitch (mm)	2.9	3.9	4.8
LED Type	SMD1515	SMD1921	SMD1921
Cabinet Size (mm)	500x500, 500x750, 500x1000		
Cabinet Weight (kg)	36KG/m ²		
Module Resolution	84x84	128x64	104x52
Module Dimension (mm)	250x250	500x250	
Module Weight (kg)	1.0kg	1.85kg	
Brightness (nits)	3,500-4,500	6,500-7,000	4,800-7,000
Gray Scale (bit)	>15		
Refresh Rate	>3840Hz		
Viewing Angle	160Hx100V	160Hx90V	160Hx100V
Operating Voltage	110/240 AC		
Power Average and Max (watt)	195 avg, 700 max		
IP Rating	66		
Maintenance	Front/Back		
Installation	Outdoor/Fixed		



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