

OPTRAFFIC®

3-in-1 Lens Variable Message Sign

As a leading manufacturer of premium quality LED Variable Message Signs, Optraffic® specially develop 3-in-1 optical lens VMS to meet more requirements. it has been successfully authenticated that it has over 100 combinations of photometric parameters, including colour, contrast, luminance, luminance ratio, beam width, pixel size, LED power supply and so on, Optraffic® LED lens VMS complied to EN12966-1:2005 + A1:2009.

100

100 combinations of photometric parameters



LEDs and accessories are with premium quality

EN
12966

EN12966-1:2005 + A1:2009 standard



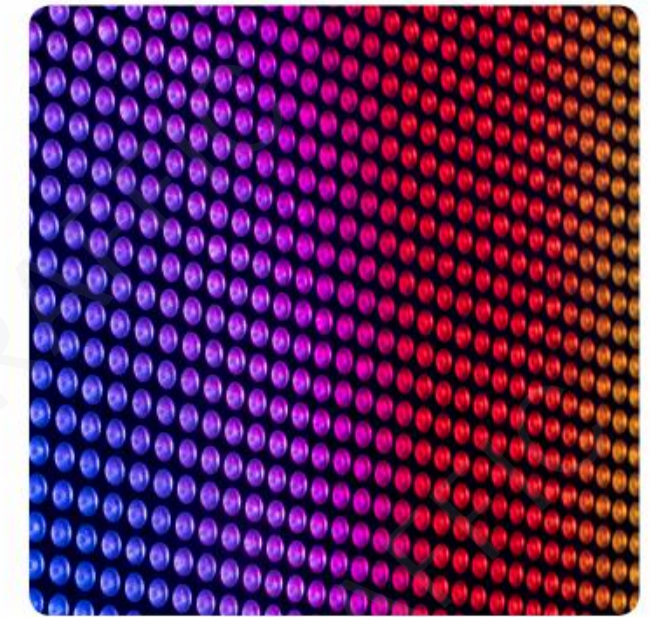
Features



- Compliance with EN12966-1:2005 + A1:2009 standard
- 3-in-1 lens with outstanding optical performance
- Highly visible and legible in all weather conditions
- Robust lens structure with highest luminosity and longest durability
- Tailor-made sizes according to all different requests
- Different pixel pitch options of 10mm/16mm/20mm/25mm for different applications
- All LEDs and accessories are with premium quality
- Simplest structure and modular design for easiest maintenance
- The most exquisite housing design with light-weight aluminum material
- High energy efficiency and Free-Maintenance



Compact Case & Bracket Design



EN12966 LED Modules

90mm Lightweight 90mm aluminum case

90°

Foldable & Easy-to-operate Controller

Application

In accordance to EN12966-1:2005 + A1:2009, Optraffic® Lens VMS are with extraordinary optical performance, which allows high visibility in all types of weather, and the versatility makes them suitable for providing traffic information for a variety of situations, like installing along roads or highways or on the roadside, mounting on the trucks for emergencies, roadwork projects, urban traffic guidance etc.

Legible words improve the drivers' safety



Excellent brightness in rainy weather



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Technical Details

Pixel Pitch: 12/16/20/25mm

Pixel Pitch	10mm	16mm	20mm	25mm
Module Pixels	16 (W) * 16(H)	16 (W) * 16(H)	16 (W) * 8(H)	8 (W) * 8(H)
Module SizeModule Size(mm)	160 (W) * 160 (H)	256 (W) * 256 (H)	320(W) * 160 (H)	200(W) * 200 (H)
Pixel Density	10,000dots/m ²	3,906dots/m ²	2,500dots/m ²	1,600dots/m ²
Conformity	EN12966 L3/L3(*),R3,C2,B1,B2,B3,B4,B5,B6			
Luminance Ratio	R3			
Colour	C2			
Beam Width	B1,B2,B3,B4,B5,B6			
Brightness Control	31 levels Light sensor integrated			
Housing	Anti-UV powder coating aluminum or steel case			
Temperature Classes	T1 (-15°C to +60°C); T2 (-25°C to +55°C); T3 (-40°C to +40°C) Temperature sensor integrated			
Humidity Range	20 – 95% rel. humidity			
Pollution	D3			
Mechanical Protection	IP65			
Maintenance Access	Front or Rear Access Maintenance			
Mounting Options	Poles, Frames, Wall, Vehicle, etc. Offer tailored installation design			
Power Supply	Standard 12V DC, 80-256V or 9-36V available			
Solar Power System	12V DC, 9-36V available			
Certification	EN12966-1:2005 + A1:2009			
Controller	Embedded controller			
Interfaces	Wi-Fi Onsite Remote, Ethernet, 3G			

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