

Lane Control Signal (LCS)

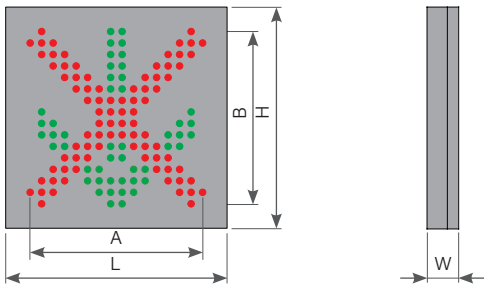


Application

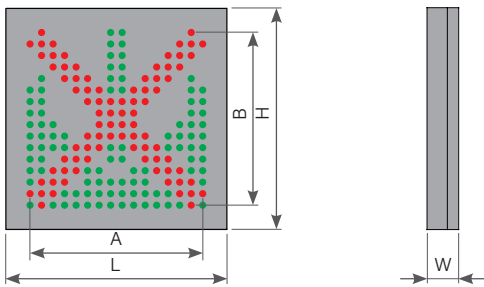
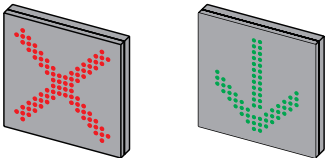
Lane Control Signals are widely used at highways, toll gates, and tunnels to direct vehicles passing through the lanes safely.

Feature

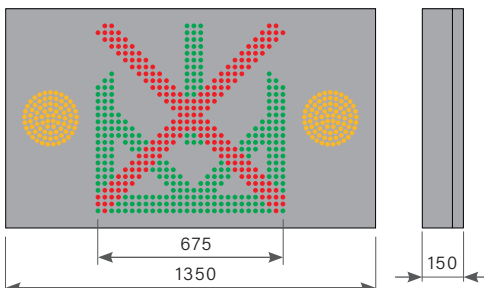
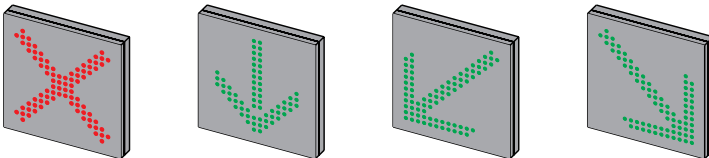
- **High reliability**
SMD LED + optical lens is much more reliable than exposed DIP LED
- **Energy-efficient**
SMD + optical lens technology reduces power consumption by approximately 50% compared to DIP LED + louver design
- **High Contrast Ratio**
Under sunny and snowy conditions, SMD + Optical lens technology delivers much clearer road information to the drivers than the DIP LED + Visor design or DIP LED + PC design
- **Excellent Optical Performance**
Chainzone's Lane Control Signals achieve the highest optical performance of EN12966 standard: L3 / L3(*) / L3(T), R3, C2, B1-B7
- **IP56 and IP65**
The housings of the Lane Control Signals are fully welded with an internal stiffener. It ensures no water can enter into the housing.
- **Lighter Weight and Anti-rust**
The housings of Lane Control Signals are made of aluminum, while stainless steel is optional



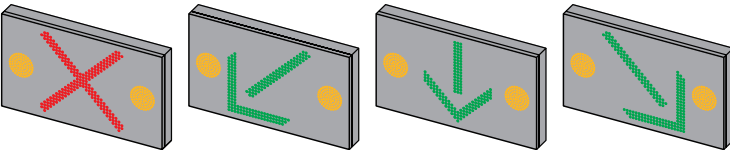
LCS-XXXX



LCS-XXXB



LCS-1350C



Specification

Model	LCS-400A	LCS-400B	LCS-500A	LCS-500B	LCS-600A	LCS-600B	LCS-800A	LCS-800B	LCS-1000A	LCS-1000B	LCS-1350C
Housing Size (W×H×D) (mm)	400×400×100		500×500×100		600×600×100		800×800×100		1000×1000×100		1350×800×150
Display Size (A×B) (mm)	288×288		375×375		468.75×468.75		675×675		843.75×843.75		675×675
Pixel Pitch	16mm		25mm		31.25mm		25mm		31.25mm		25mm
Display	Red ✕ , Green / Amber ✔ ↓ ↘										
Enclosure Material	Aluminum										
Enclosure Surface	Powder Coated, Matte Black (Other Colors Available)										
LED Type	SMD LEDs with Optical Lens										
Power Supply	90 ~ 260VAC (50/60Hz), 12/24 VDC										
Optical Performance	EN12966 (L3 / L3(*) / L3(T), R3, C2, B6)										
Communication	RS232 / RS485 / Ethernet Via RJ45 / Optic Fiber										
Protocol	NTCIP 1203 / MODBUS / JetfileII / Profibus										
Control Mode	I/O Control (Dry Contact optional) / Protocol Control										
Working Temperature	T1 (-15°C ~ +60°C), T2 (-25°C ~ +55°C), T3 (-40°C ~ +40°C)										
Ingress Protection Class	IP56, IP65, IP66										