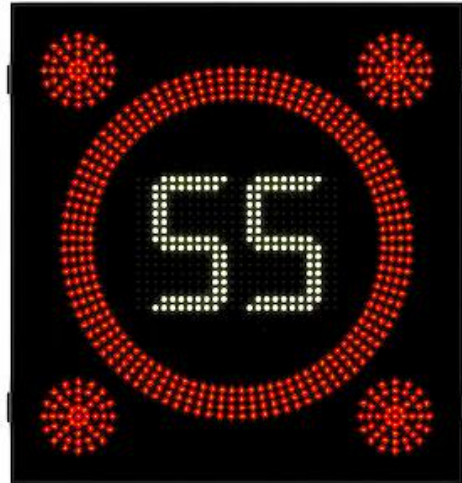




VSLS (Variable Speed Limit Sign)

FOR TRAFFIC AND ITS SYSTEMS

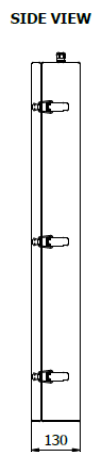
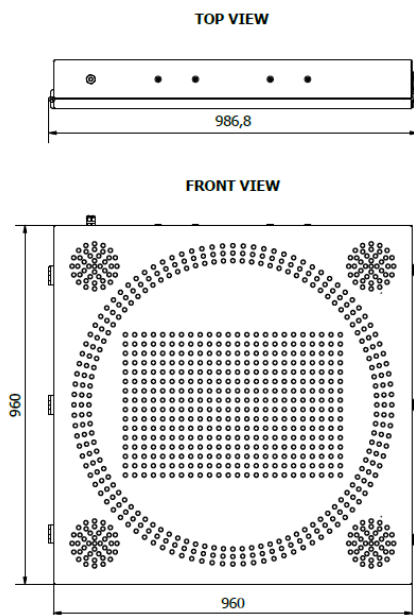
PHOTONPLAY is the leading supplier of high quality LED variable message signs for traffic guidance and information purposes. Photonplay's optically outperforming variable message signs are highly reliable components of numerous traffic management systems on motorways, in urban traffic guidance, lane control signalling and tunnel information. Further applications are car parking systems, traffic calming, road safety enhancement, warning of upcoming hazards and traffic routing at customs facilities, toll gates and truck checkpoints.



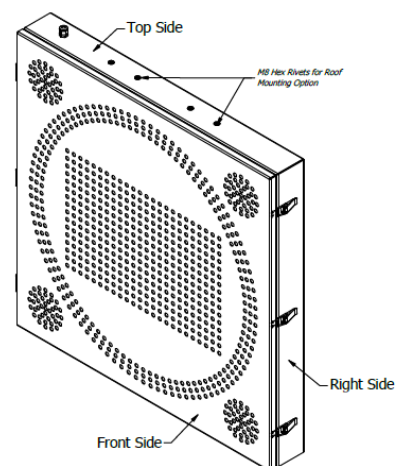
1.0		TECHNICAL DETAILS
1.1	Light source	High Power LEDs
1.2	Housing	Modular design principle in seawater-proof, powder-coated profiles made of Aluminum 1.5T
1.3	Protection	Class IP 65
1.4	Temperature Classes	-40°C to +60°C
1.5	Humidity Range	5 – 95% rel. humidity
1.6	Controller	<ul style="list-style-type: none"> Embedded controller designed for industrial temperature range: -40 to +85 °C integrated fast access solid state data memory.
1.7	Interfaces	<ul style="list-style-type: none"> TCP/IP (RJ45)
1.8	Compliant	EN12966

2.0		LED Matrix
2.1	Light source	High Intensity LEDs
2.2	Color	Matrix: 16x24 [RGB] Strobes: Amber Ring: Red
2.3	Pixel Pitch	25mm(Only for matrix)
2.4	Pixel Formation	Variable
2.5	Beam Width	Class: B6

3.0		LED Specs
3.1	Color	Amber/Red/RGB
3.2	Material	AlGaInP
3.3	Lens	Clear type
3.4	Luminance Intensity	3050-5300 MCD



Isometric View



Note:- Placement related dimensions could vary if revision take place.

4.0	DISPLAY SPECIFICATIONS	
4.1	Character Size	Dynamic
4.2	Brightness	1500 to 8500 cd/m ₂
4.3	Viewing Distance	≥210M (speed 100KM/h)
4.4	Beam Width	as per Class: B6
4.5	Overall Cabinet	960mm x 960mm x 130mm
4.6	Languages	Digits only
4.7	Color Class	C1
4.8	Luminance	L3
4.9	Luminance Ratio	R2

5.0	Mechanical	
5.1	Mounting	Ceiling Mount on Pole with M8 Fasteners .
5.2	Housing Material	Aluminum 1.5T
5.3	Front plate coat	Low reflection black matt finish
5.4	Finish and paint	Black powder coated
5.5	Front finish	A specially designed high temperature cured and black matt finish with aluminum metal face , polycarbonate sheet and LEDs Not Exposed
5.6	Weight	12kgs Approx
5.7	Maintenance	Front Access , Single Door

6.0	ELECTRICAL SPECS	
6.1	Power Supply	24VDC
6.2	Typical power consumption	90W (Max)
6.3	Communication	TCP/IP
6.4	MTBF/life span	100,000 hours
6.5	Operating Temperature	-25 deg to 60 deg C
6.6	Humidity	Operation ambient humidity: 5%-95%Rh

PHOTONPLAY SYSTEMS (P) LTD.



Director