

# LIGHTWEIGHT RAIL SIGNAL SYSTEM

LED Lightweight Signal System Features	CLS	PLJ	PLS SUB SoS	MARI SARI / PRI	BRS
Minimal phantom effects without external hood	✓	✓	✓	✓	✓
Zero maintenance (in normal applications)	✓	✓	✓	✓	✓
Environmentally protected to IP65	✓	✓	✓	✓	✓
Auto-regulating over input voltage range 78-131Vac	✓	✓	✓	✓	✓
110Vac & 24Vdc	✓	✓	✓	✓	✓
Current Proved / Volt-free contacts Proved	✓	✓	✓	✓	✓
Non-Urgent alarm (FFF) reporting	✓				
Backward compatible with RRI & SSI	✓	✓	✓	✓	✓
Plug coupled	✓	✓	✓	✓	✓
LRU for speedy exchange	✓	✓	✓	✓	✓
Lightweight or conventional structure mounting	✓	✓	✓	✓	✓
Side-fitted wide-angle viewing sector for close range visibility	✓				
1 to 4 aspects; R/Y/G	✓				
Red/White Red/White PLS; Red/Red LoS; White/White SUB			✓		
White/White; Green/White/White					✓
Single or Double character - adjacent (SARI)				✓	
Up to 10 display aspects (SARI); any alphanumeric				✓	
Up to 6 display aspects (MARI); any alphanumeric				✓	
Display arrows / slash (SARI)				✓	

## LIGHTWEIGHT STRUCTURE

Any user specified height up to 5.1m

### Structure

Post and Plinth, combined.

Height (A) is specified from the top of foundation/base of structure, to the horizontal centre line of the bottom aspect - nominally 3.3m or 5.1m.

VMS calculated for other user specified heights e.g. 4.1m.

VMS calculated for signal head combinations.

### SPT

Optional - cable hole

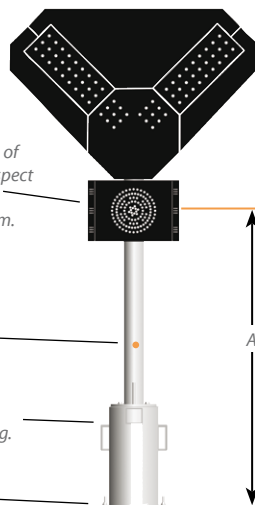
at user specified distance from foundation.

### Dis-Box mounting

Optional - side mounted brackets for dis-box mounting.

### Structure/Foundation

24mm holes spaced 340mm - 380mm.



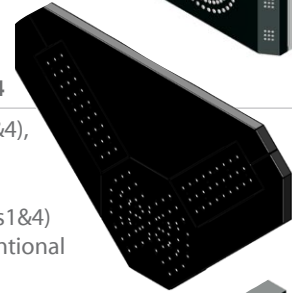
## CLS - 1 to 4 aspect

- Weight; 15Kgs (3), 20Kgs (4)
- 400 x 600mm (3); 935 x 600mm (4)
- LW Post or conventional mounting



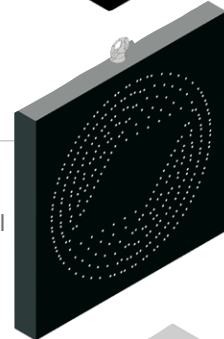
## PLJ - pos.1, 4, 1&4

- Weight; 20Kgs (1&4), 15Kgs (1/4)
- 1130mm (h) x 1650mm (w) - pos1&4)
- LW Post or conventional mounting



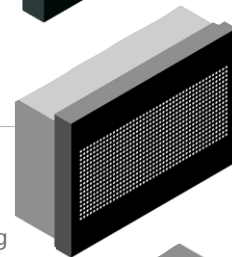
## BRS

- Weight; 15Kgs
- 600 x 600mm
- LW Post or conventional mounting



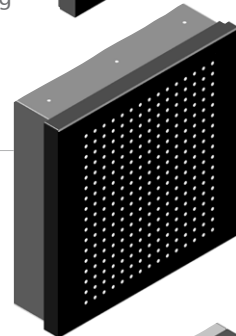
## MARI

- Weight; 15Kgs
- 500 x 350mm
- LW Post or conventional mounting



## SARI

- Weight; 20Kgs
- 600 x 600mm
- LW Post or conventional mounting



## PLS

- Weight; 15Kgs
- 430 x 350mm
- LW Post or conventional mounting

