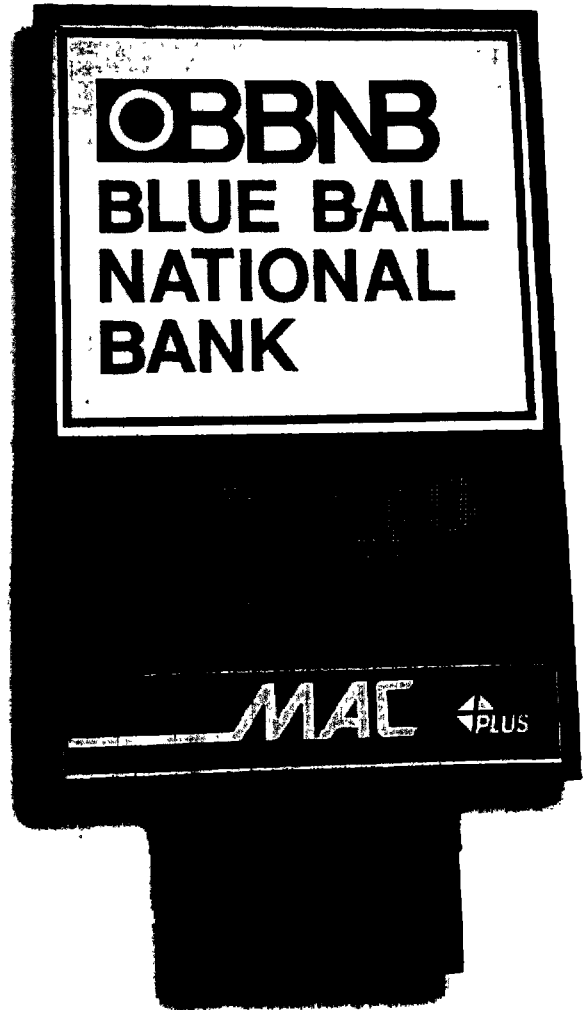
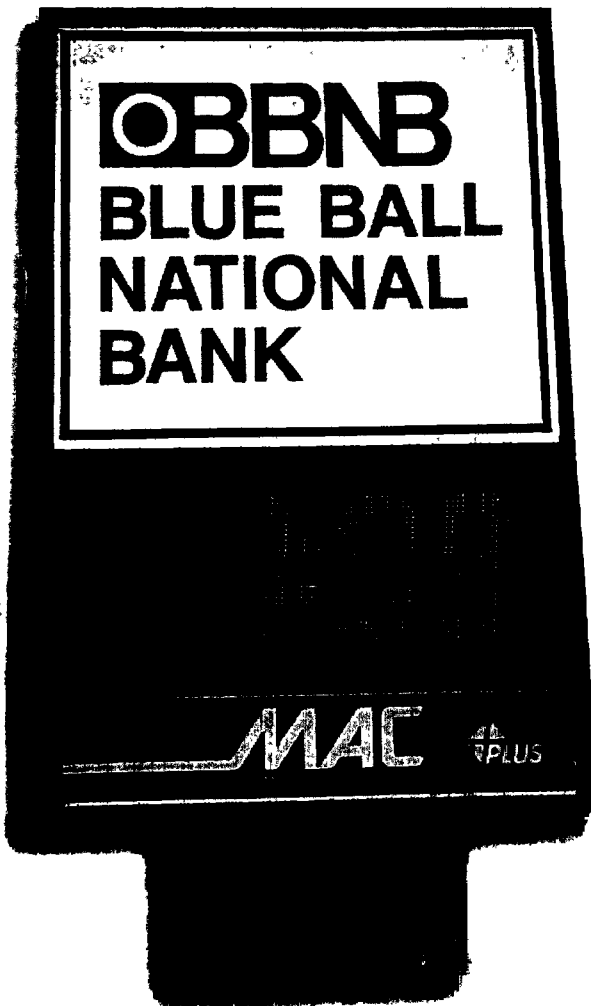


VOLTARC
OPTOELECTRONICS

OPTOCHARON™

The New Generation of LED Time & Temperature Displays



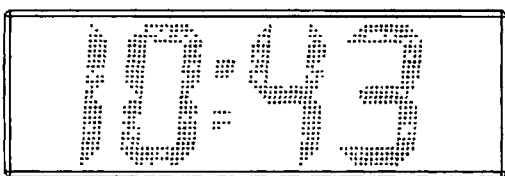
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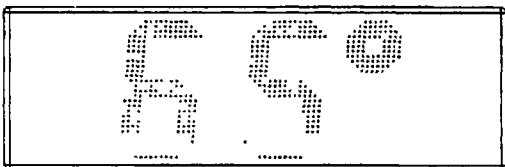
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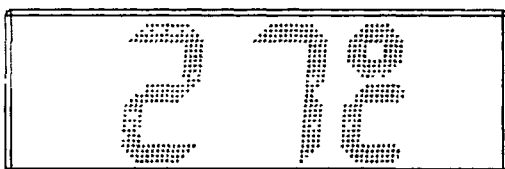
The New Generation of LED Time & Temperature Displays



Time in 12 hour or
24 hours (military) mode.



Temperature in degrees
Fahrenheit.




Temperature in degrees
Celsius.

Size	Part #	Description	Overall dimensions	Power	Weight
9"	81 066	Single face red	3' x 1' x 4" (36"x12"x4") ^{A1}	100 W Per unit	~35 lb. Per unit
	81 067	Single face amber			
	81 068	Double face red	Double face displays made of two units. ^{A2}		
	81 069	Double face amber			
12"	81 001	Single face red	3'7" x 1'3" x 4" (43"x15"x4") ^{A3}	100 W Per unit	~35 lb. Per unit
	81 002	Single face amber			
	81 003	Double face red	Double face displays made of two units.		
	81 004	Double face amber			
18"	81 005	Single face red	5'4" x 1'9" x 4" (64"x21"x4") ^{A4}	150 W Per unit	~50 lb. Per unit
	81 006	Single face amber			
	81 007	Double face red	Double face displays made of two units.		
	81 008	Double face amber			
24"	81 009	Single face red	6'9" x 2'3" x 4" (81"x27"x4") ^{A5}	200 W Per unit	~75 lb. Per unit
	81 010	Single face amber			
	81 011	Double face red	Double face displays made of two units.		
	81 012	Double face amber			
30"	81 054	Single face red	8'1" x 2'9" x 4" (97"x33"x4") ^{A6}	200 W Per unit	~100 lb. Per unit
	81 055	Single face amber			
	81 056	Double face red	Double face displays made of two units.		
	81 057	Double face amber			
36"	81 013	Single face red	9'7" x 3'3" x 4" (115"x39"x4") ^{A7}	300 W Per unit	~125 lb. Per unit
	81 014	Single face amber			
	81 015	Double face red	Double face displays made of two units.		
	81 016	Double face amber			

Note: Allow 4" spacing between the 2 units of the double face displays.

Main characteristics:

- Technology: wide angle discrete ultra bright LED for outdoor use.
- Luminous output: approximately 2,000 mcd per LED @ 25° of diffusion.
- Main advantages: reliability, very low operating cost, very low maintenance cost.
- Available colors: Red and Amber.
- Time display capability: 12 hour or 24 hour (military) mode.
- Temperature display capability: degrees Fahrenheit, Celsius, or both.
- Automatic adjustments:
 - Daylight Savings Time and leap year.
 - Brightness in relation to ambient lighting conditions.
 - Cooling and power down protection in case of overheating conditions
- Reset: wireless remote control.
- Programmable display time: from 2 to 5 seconds.
- Controller: solid state electronic internal controller, 1 month memory backup.
- Power: solid state electronic switching power supply.
- Enclosure: anodized aluminum extrusion with Lexan® face.
- Operating range: -40°F to +150°F.
- Standards: complies with FCC, UL, and CSA.
- Warranty: 1 year standard warranty, 2 year extended warranty available.


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