



Product Name: Eclipse 2200/SE
Manufacturer: Allmand

NTPEP Number
FAP-99(W)-4

Test Period:
Winter 99 / Summer 99

2. SIGHT TESTS

		2.3	2.4	2.5
		Visibility (ft)	Legibility (ft)	Angularity (deg)
	Day	4960	4933	78
	Night	4960	3290.5	21
	Day	4501.5	3088	78
	Night	4960	3410	50



3. OTHER TESTS

		Avg High Temp (F)	Avg Low Temp (F)	Avg Daily Temp (F)	Avg Daily Rel Humidity (%)
3.1 Test Conditions:	Winter:	58	37	47	65
	Summer:	91	72	81	79

		Days Of Operation without recharging batteries
3.2 Reliability:	Winter:	26
	Summer:	23

3.3 Durability:	Winter:	<input checked="" type="checkbox"/> Met requirements of durability test
	Summer:	<input checked="" type="checkbox"/> Met requirements of durability test

3.4 Dimming:	Brightness "Day":	8 (ft Lambert)
	Brightness "Night":	5 (ft Lambert)

3.4 Flashing Rate **NR**

[Daily Test Records](#)

[Weather Information](#)

4. INFORMATION PROVIDED BY MANUFACTURER



4.1.1	Message Type:	Halogen
4.1.2	MUTCD Panel Type:	C
4.1.3	Primary Power Source:	Solar
4.1.4	Solar Panels Tilt:	<input type="checkbox"/>
4.1.5	AC Power Capability:	<input checked="" type="checkbox"/>
4.1.6	Mode Display:	Flashing Arrow, Dbl Arrows, Dbl Diamonds, Seq Arrow, Seq Chevron, Straight Line, 4 Corners
4.1.7	Console Security:	Lockable, metal
4.1.8	Height of Panel:	85
4.1.9	Max Wind Load:	Info was not provided
4.1.10	Sign Alignment Device:	Eyelets
4.1.11	Sign Dimming Method	Auto

**Product Name: Protect-O-Flash, M-90 15-lt
 Manufacturer: Protection Services Inc.**

**NTPEP Number
 FAP-99(W)-3**

**Test Period:
 Winter 99 / Summer 99**

2.SIGHT TESTS

		2.3 Visibility (ft)	2.4 Legibility (ft)	2.5 Angularity (deg)
 Winter	Day	4960	4640.8	75
	Night	4960	3418	24
 Summer	Day	4960	4960	71
	Night	4960	3371.75	52



3. OTHER TESTS

		Avg High Temp (F)	Avg Low Temp (F)	Avg Daily Temp (F)	Avg Daily Rel Humidity (%)
3.1 Test Conditions:	Winter:	58	37	47	65
	Summer:	91	72	81	79

Days Of Operation without recharging batteries

3.2 Reliability:	Winter:	22
	Summer:	Min 30

3.3 Durability:	Winter:	<input checked="" type="checkbox"/> Met requirements of durability test
	Summer:	<input checked="" type="checkbox"/> Met requirements of durability test

3.4 Dimming:	Brightness "Day":	10 (ft Lambert)
	Brightness "Night":	2 (ft Lambert)

3.4 Flashing Rate 25-40/min

[Daily Test Records](#)

[Weather Information](#)

4. INFORMATION PROVIDED BY MANUFACTURER



4.1.1	Message Type:	LED
4.1.2	MUTCD Panel Type:	C
4.1.3	Primary Power Source:	Solar
4.1.4	Solar Panels Tilt:	<input type="checkbox"/>
4.1.5	AC Power Capability:	<input checked="" type="checkbox"/>
4.1.6	Mode Display:	Flashing Arrow,Seq Arrow,DbI ArrowsStraight Line, 4 Corners
4.1.7	Console Security:	Lockable
4.1.8	Height of Panel:	Info was not provided
4.1.9	Max Wind Load:	Info was not provided
4.1.10	Sign Alignment Device:	Sight tube
4.1.11	Sign Dimming Method	Manual/Auto

Product Name: Silent Sentinel, AB-0515-D
Manufacturer: Solar Tech

NTPEP Number
FAP-99(W)-2

Test Period:
Winter 99 / Summer 99

2.SIGHT TESTS

		2.3	2.4	2.5
		Visibility (ft)	Legibility (ft)	Angularity (deg)
 Winter	Day	NR	NR	NR
	Night	NR	NR	NR
 Summer	Day	NR	NR	NR
	Night	NR	NR	NR

NOTE: NR indicates No Data Recorded



3. OTHER TESTS

		Avg High Temp (F)	Avg Low Temp (F)	Avg Daily Temp (F)	Avg Daily Rel Humidity (%)
3.1 Test Conditions:	Winter:	58	37	47	65
	Summer:	91	72	81	79

Days Of Operation without recharging batteries

3.2 Reliability:	Winter:	9
	Summer:	5

3.3 Durability:	Winter:	<input checked="" type="checkbox"/>	Met requirements of durability test
	Summer:	<input checked="" type="checkbox"/>	Met requirements of durability test

3.4 Dimming:	Brightness "Day":	NR (ft Lambert)
	Brightness "Night":	NR (ft Lambert)

3.4 Flashing Rate 30/min

[Daily Test Records](#)

[Weather Information](#)

4. INFORMATION PROVIDED BY MANUFACTURER



4.1.1	Message Type:	LED
4.1.2	MUTCD Panel Type:	C
4.1.3	Primary Power Source:	Solar
4.1.4	Solar Panels Tilt:	<input type="checkbox"/>
4.1.5	AC Power Capability:	<input checked="" type="checkbox"/>
4.1.6	Mode Display:	Flashing Arrow, Dbl Arrows, Dbl Diamonds, Seq Arrow, Seq Chevron, Straight Line, 4 Corners
4.1.7	Console Security:	Lockable
4.1.8	Height of Panel:	92
4.1.9	Max Wind Load:	60-70 MPH (Certified by Manf.)
4.1.10	Sign Alignment Device:	Sight tube
4.1.11	Sign Dimming Method	Manual/Auto

Product Name: VM-98SL
Manufacturer: Ver-Mac, Inc.

NTPEP Number
FAP-99(W)-1

Test Period:
Winter 99 / Summer 99

2. SIGHT TESTS

		2.3	2.4	2.5
		Visibility (ft)	Legibility (ft)	Angularity (deg)
 Winter	Day	4960	4934	76
	Night	4960	3738	31
 Summer	Day	4960	4960	72
	Night	4960	3455	51

3. OTHER TESTS

		Avg High Temp (F)	Avg Low Temp (F)	Avg Daily Temp (F)	Avg Daily Rel Humidity (%)
3.1 Test Conditions:	Winter:	58	37	47	65
	Summer:	91	72	81	79

Days Of Operation without recharging batteries

3.2 Reliability:	Winter:	Min 30
	Summer:	Min 30
3.3 Durability:	Winter:	<input checked="" type="checkbox"/> Met requirements of durability test
	Summer:	<input checked="" type="checkbox"/> Met requirements of durability test

3.4 Dimming:	Brightness "Day":	20 (ft Lambert)
	Brightness "Night":	2 (ft Lambert)

3.4 Flashing Rate NR

[Daily Test Records](#)

[Weather Information](#)

4. INFORMATION PROVIDED BY MANUFACTURER



4.1.1	Message Type:	LED
4.1.2	MUTCD Panel Type:	C
4.1.3	Primary Power Source:	Solar
4.1.4	Solar Panels Tilt:	<input type="checkbox"/>
4.1.5	AC Power Capability:	<input type="checkbox"/>
4.1.6	Mode Display:	Flashing Arrow, straight line, 4 corners
4.1.7	Console Security:	Lockable
4.1.8	Height of Panel:	Info was not provided
4.1.9	Max Wind Load:	Info was not provided
4.1.10	Sign Alignment Device:	Sight tube
4.1.11	Sign Dimming Method	Auto

Product Name: Traffic Director
Manufacturer: Wanco, Inc.

NTPEP Number
FAP-99(S)-1

Test Period:
Winter 00 / Summer 99

2.SIGHT TESTS

		2.3	2.4	2.5
		Visibility (ft)	Legibility (ft)	Angularity (deg)
 Winter	Day	4960	4960	74
	Night	4960	2423	40
 Summer	Day	4960	4960	72
	Night	4960	3419	53



3. OTHER TESTS

		Avg High Temp (F)	Avg Low Temp (F)	Avg Daily Temp (F)	Avg Daily Rel Humidity (%)
3.1 Test Conditions:	Winter:	59	39	48	69
	Summer:	91	72	81	79

Days Of Operation without recharging batteries

3.2 Reliability:	Winter:	Min 30
	Summer:	Min 30
3.3 Durability:	Winter:	<input checked="" type="checkbox"/> Met requirements of durability test
	Summer:	<input checked="" type="checkbox"/> Met requirements of durability test

3.4 Dimming:	Brightness "Day":	18 (ft Lambert)
	Brightness "Night":	N/A (ft Lambert)

3.4 Flashing Rate 30-40/min

[Daily Test Records](#)

[Weather Information](#)

4. INFORMATION PROVIDED BY MANUFACTURER

4.1.1	Message Type:	LED
4.1.2	MUTCD Panel Type:	C
4.1.3	Primary Power Source:	Solar
4.1.4	Solar Panels Tilt:	<input type="checkbox"/>
4.1.5	AC Power Capability:	<input checked="" type="checkbox"/>
4.1.6	Mode Display:	Flashing Arrow, Dbl Arrows, Dbl Diamonds, Seq Arrow, Seq Chevron, Straight Line, 4 Corners
4.1.7	Console Security:	Lockable, metal
4.1.8	Height of Panel:	84
4.1.9	Max Wind Load:	60 MPH (Certified by Manf.)
4.1.10	Sign Alignment Device:	Sight tube
4.1.11	Sign Dimming Method	Manual/Auto