



**ARROWBOARDS AND PORTATBLE  
CHANGEABLE MESSAGE SIGNS (PCMS)  
EVALUATION REPORT**

# PRODUCT SIGHT AND OTHER TESTS RESULTS (PCMS)

Product	Season	Day/ Night	Sight Tests			Other Tests		
			2.3	2.4	2.5	3.2	3.3	3.4
			Visibility (ft)	Legibility (ft)	Angularity (degrees)	Reliability (days)	Durability	Dimming (ft Lambert)
<b>DH 1000 ALS</b> ADDCO, Inc. NTPEP Number: PCMS-99(S)-6 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	1083	81	19	<input checked="" type="checkbox"/>	Day Illumination 14
		Night	4960	841	72			
	Summer	Day	4505	1039	74	18	<input checked="" type="checkbox"/>	Night Illumination 2
		Night	4960	1005	67			
<b>DH 1000 Hybrid</b> ADDCO, Inc. NTPEP Number: PCMS-99(S)-5 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	883	45	12	<input checked="" type="checkbox"/>	Day Illumination 20
		Night	4960	709	68			
	Summer	Day	4960	1014	56	13	<input checked="" type="checkbox"/>	Night Illumination 5
		Night	4960	926	69			
<b>CMS-331</b> American Signal NTPEP Number: PCMS-99(S)-4 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	1045	78	16	<input checked="" type="checkbox"/>	Day Illumination 35
		Night	4960	693	56			
	Summer	Day	4960	1064	76	30	<input checked="" type="checkbox"/>	Night Illumination 8
		Night	4960	987	64			
<b>SunRay, SR-380</b> Display Solutions NTPEP Number: PCMS-00(W)-1 Test Cycle: Winter 00-Summer 00	Winter	Day	4960	953	81	30	<input checked="" type="checkbox"/>	Day Illumination 22
		Night	4960	805	68			
	Summer	Day	4960	1022	76	30	<input checked="" type="checkbox"/>	Night Illumination 4
		Night	4960	900	69			
<b>SMC-1000HE</b> Precision Solar Controls, Inc. NTPEP Number: PCMS-99(S)-1 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	1055	83	24	<input checked="" type="checkbox"/>	Day Illumination 12
		Night	4960	730	66			
	Summer	Day	4568	923	80	30	<input checked="" type="checkbox"/>	Night Illumination 4
		Night	4960	948	69			
<b>SMC-2000</b> Precision Solar Controls, Inc. NTPEP Number: PCMS-99(S)-2 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	1128	81	30	<input checked="" type="checkbox"/>	Day Illumination 9
		Night	4960	767	54			
	Summer	Day	4589	1060	81	30	<input checked="" type="checkbox"/>	Night Illumination 3
		Night	4960	987	70			
<b>Silent Messenger II, MB-1548</b> Solar Tech NTPEP Number: PCMS-99(W)-2 Test Cycle: Winter 99-Summer 99	Winter	Day	4960	776.5	82	11	<input checked="" type="checkbox"/>	Day Illumination 20
		Night	4960	484.5	40			
	Summer	Day	4296	233.25	78	12	<input checked="" type="checkbox"/>	Night Illumination 3
		Night	4960	348.5	50			

NOTE: NR indicates No Data Recorded



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			2.3	2.4	2.5	3.2	3.3	3.4
			Visibility (ft)	Legibility (ft)	Angularity (degrees)	Reliability (days)	Durability	Dimming (ft Lambert)
<b>Silent Messenger, MB-3048</b> Solar Tech NTPEP Number: PCMS-99(W)-3 Test Cycle: Winter 99-Summer 99	Winter	Day	4960	896	77	17	<input checked="" type="checkbox"/>	Day Illumination 14
		Night	4960	758.25	38			
	Summer	Day	4960	704.75	81	14	<input checked="" type="checkbox"/>	Night Illumination 2
		Night	4960	708.5	53			
<b>Northern Lights</b> Ver-Mac, Inc. NTPEP Number: PCMS-99(S)-3 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	1025	81	22	<input checked="" type="checkbox"/>	Day Illumination 38
		Night	4960	744	55			
	Summer	Day	4960	1174	80	14	<input checked="" type="checkbox"/>	Night Illumination 7
		Night	4960	987	72			
<b>PCMS-1200</b> Ver-Mac, Inc. NTPEP Number: PCMS-99(W)-1 Test Cycle: Winter 99-Summer 99	Winter	Day	4960	1314	81	28	<input checked="" type="checkbox"/>	Day Illumination 22
		Night	4960	1088	50			
	Summer	Day	4960	1153.5	80	20	<input checked="" type="checkbox"/>	Night Illumination 2
		Night	4960	997.25	60			
<b>Message Director</b> Wanco, Inc. NTPEP Number: PCMS-99(S)-7 Test Cycle: Winter 00-Summer 99	Winter	Day	4960	959	81	30	<input checked="" type="checkbox"/>	Day Illumination 29
		Night	4960	526	71			
	Summer	Day	4960	1063	79	30	<input checked="" type="checkbox"/>	Night Illumination 2
		Night	4960	986	76			

NOTE: NR indicates No Data Recorded