

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1048143

Luminaire Tested: **GALN-SA4C-935-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048143
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-935-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16405.8 lumens
Efficiency: N/A
Efficacy: 86.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

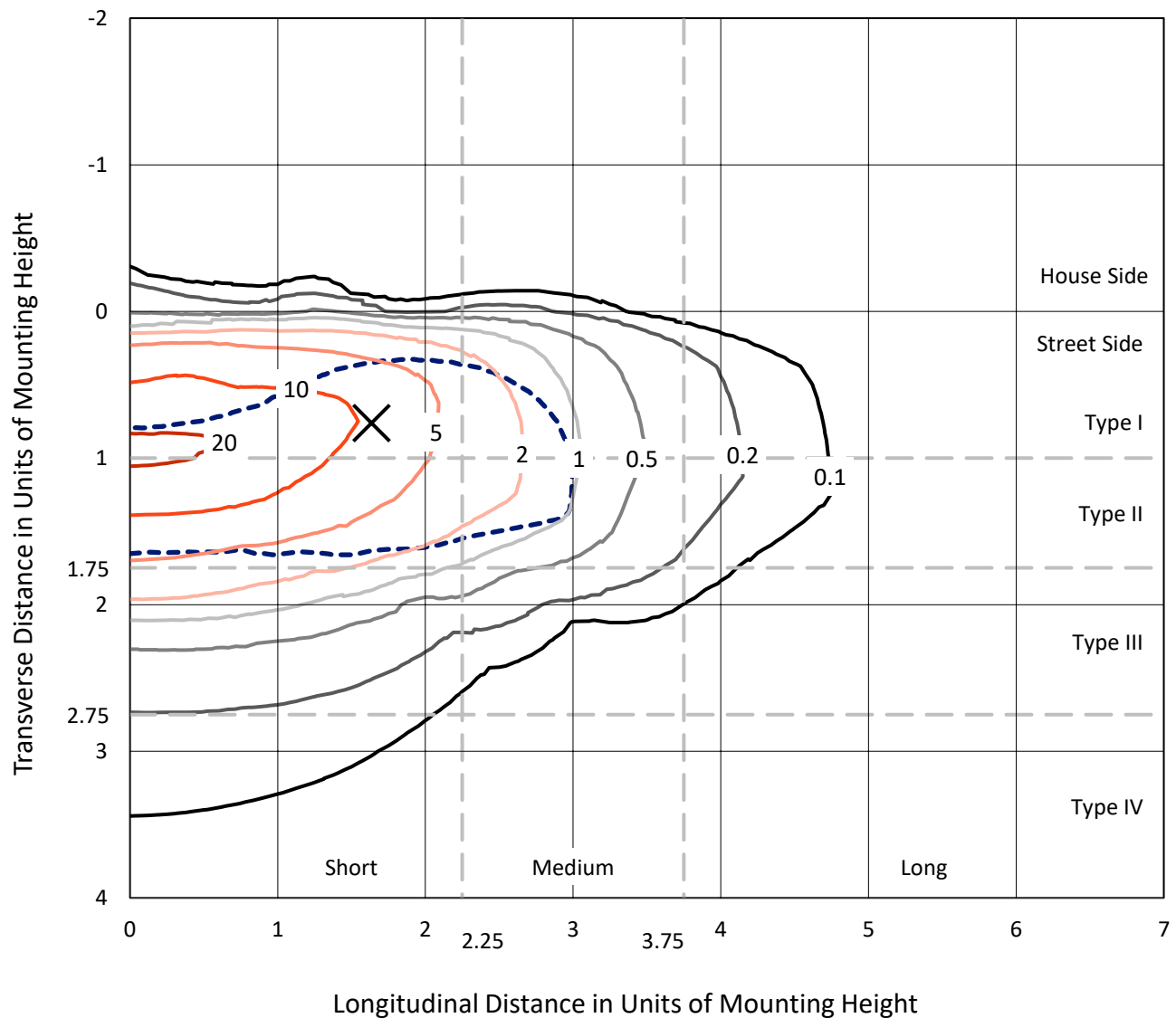


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

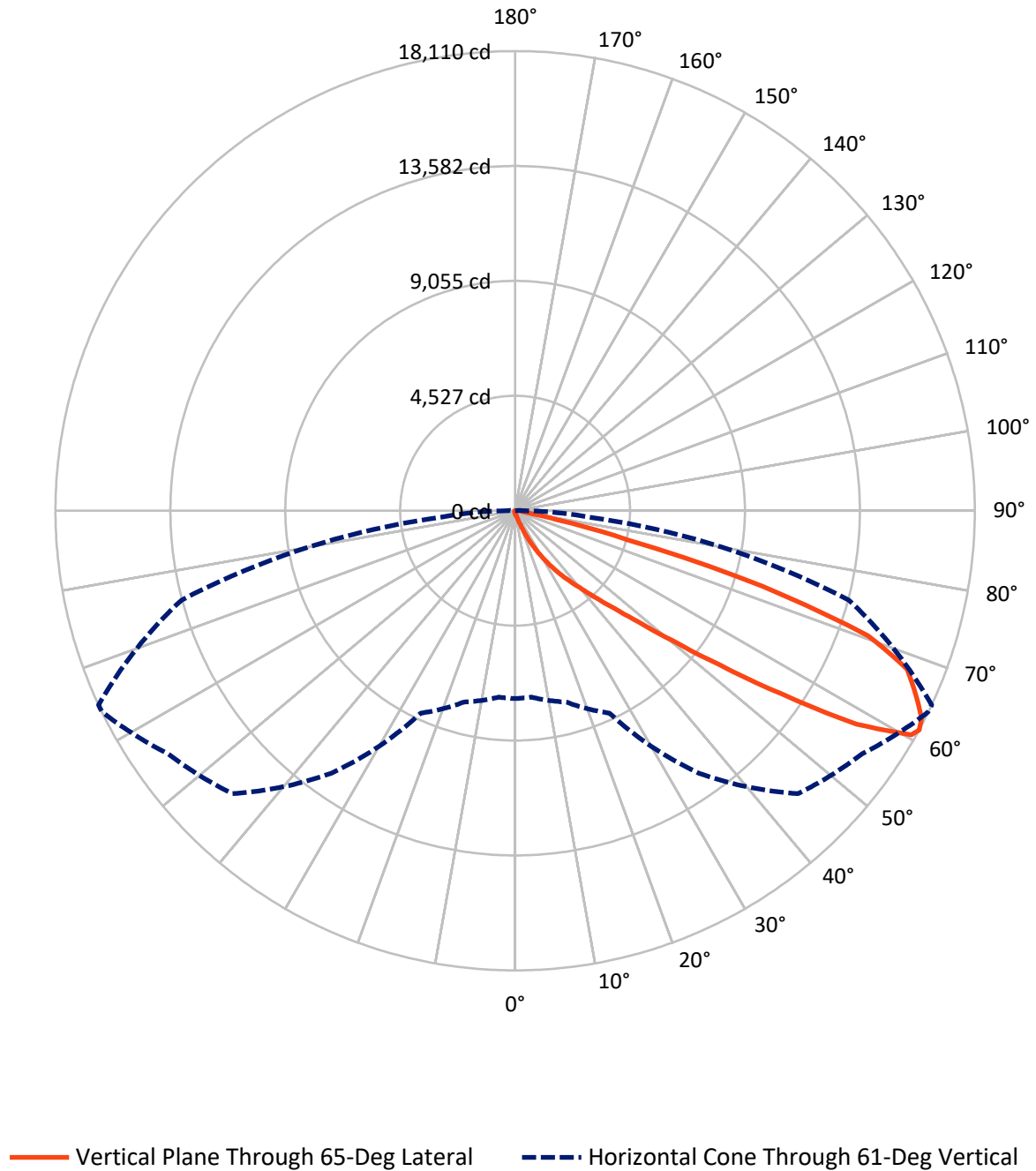


Based on 15 foot mounting height. Maximum calculated value = 21.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.0	0.0	70.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16335.7	0.0	16335.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	16405.8	0.0	16405.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	0.1
10°-20°	134.9	0.8
20°-30°	484.2	3.0
30°-40°	1289.0	7.9
40°-50°	3386.2	20.6
50°-60°	5245.9	32.0
60°-70°	4398.6	26.8
70°-80°	1294.4	7.9
80°-90°	159.7	1.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16405.8	100.0
0°-180°	16405.8	100.0



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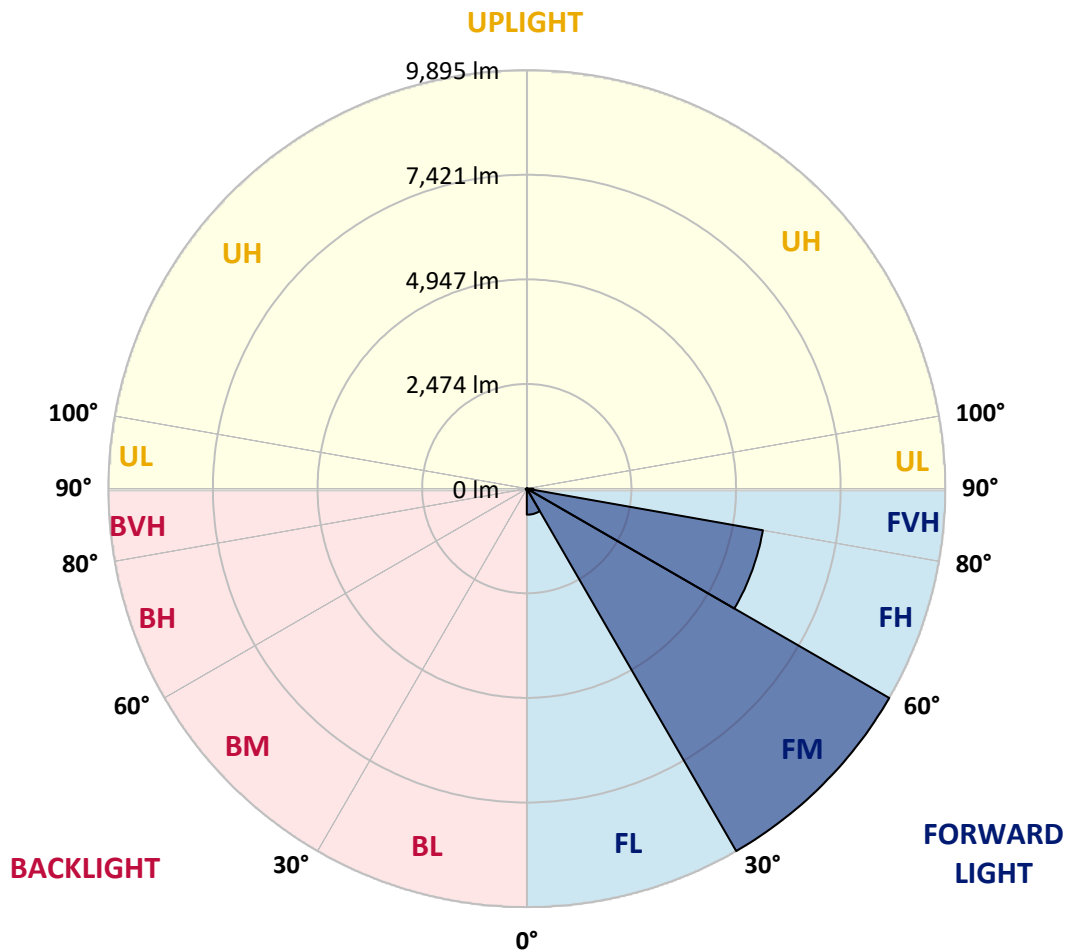
CATALOG NUMBER: GALN-SA4C-935-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	616.1	3.8			
FM	(30°-60°)	9894.5	60.3			
FH	(60°-80°)	5668.4	34.6			G3/7500
FVH	(80°-90°)	156.7	1.0			G2/225
BL	(0°-30°)	15.7	0.1	B0/110		
BM	(30°-60°)	26.7	0.2	B0/220		
BH	(60°-80°)	24.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4
2.5°	121.9	123.0	120.8	116.2	112.9	112.9	111.7	108.3	108.3	105.0	102.7
5°	170.4	168.2	163.6	154.6	146.7	138.8	130.9	123.0	121.9	111.7	105.0
7.5°	278.7	281.0	266.3	238.1	214.4	184.0	155.7	138.8	136.6	119.6	106.1
10°	611.7	594.7	560.9	451.4	371.3	279.9	207.7	161.4	159.1	128.7	108.3
12.5°	1115.0	1101.5	1039.4	926.5	720.0	501.1	303.6	199.8	193.0	136.6	109.5
15°	1607.0	1585.6	1551.7	1437.8	1196.3	898.3	496.6	273.1	255.0	147.8	108.3
17.5°	1920.8	1924.2	1893.7	1845.2	1689.4	1329.4	857.7	407.4	372.4	168.2	106.1
20°	2195.0	2187.1	2204.0	2178.1	2068.6	1806.8	1248.2	645.5	585.7	200.9	107.2
22.5°	2511.0	2530.2	2542.6	2537.0	2416.2	2192.8	1691.7	966.0	890.4	260.7	110.6
25°	2934.2	2931.9	2933.1	2918.4	2801.0	2552.8	2136.3	1364.4	1287.7	357.7	118.5
27.5°	3377.7	3391.3	3396.9	3343.9	3190.4	2946.6	2548.2	1800.0	1709.7	513.5	128.7
30°	3983.7	3972.5	3946.5	3838.2	3652.0	3349.5	2954.5	2257.1	2162.3	731.3	144.5
32.5°	4800.8	4788.4	4657.5	4418.2	4139.5	3769.3	3363.0	2715.3	2600.2	1003.3	165.9
35°	6147.2	6166.3	5844.7	5225.1	4725.2	4273.8	3815.6	3171.2	3069.6	1338.4	195.2
37.5°	8209.0	8104.0	7667.3	6572.6	5496.0	4903.5	4247.8	3631.6	3543.6	1751.5	233.6
40°	10212.2	10108.3	9981.9	8944.8	6835.6	5597.6	4852.7	4172.2	4058.2	2217.6	290.0
42.5°	12318.0	12260.5	12254.8	11472.7	9280.0	6688.9	5580.6	4805.3	4708.3	2728.8	382.6
45°	13809.9	13752.4	13873.1	14009.7	12609.2	9027.2	6848.0	5628.0	5487.0	3349.5	530.4
47.5°	14010.8	14013.1	14335.8	14763.6	15082.9	12644.2	8536.3	6718.2	6546.7	4237.7	778.7
50°	13342.7	13368.7	13882.2	14647.3	15507.3	15678.8	11513.4	8300.4	8046.5	5290.6	1130.8
52.5°	12070.9	12100.2	12815.7	14074.0	15116.8	16407.8	15018.6	10370.1	10077.9	6604.2	1627.4
55°	10925.4	10943.4	11763.9	13354.0	14646.2	16011.7	17099.6	13133.9	12750.2	8220.3	2117.1
57.5°	9791.2	9749.5	10283.3	12103.6	14566.1	15525.3	17406.6	16283.7	15860.5	9986.4	2498.6
60°	8274.5	8204.5	8633.3	9791.2	13512.0	15844.7	16832.2	18026.2	17930.2	12445.5	2793.1
61°	7402.1	7372.7	7803.8	8797.0	12625.0	15763.4	16694.5	18099.5	18109.7	13609.1	2925.2
62.5°	5286.1	5369.6	6028.7	7319.7	10574.4	15236.4	16712.5	17872.7	17973.1	15155.2	3267.1
65°	2349.6	2483.9	2996.3	4046.9	6149.4	12674.6	16552.3	17375.0	17325.3	15579.5	4445.3
67.5°	1393.7	1414.1	1669.1	2293.2	3257.0	6817.5	14606.7	16717.1	16650.5	13562.8	5531.0
70°	1098.1	1108.2	1189.5	1438.9	1890.3	2611.4	8336.5	14463.4	14753.4	10997.6	5414.7
72.5°	1041.6	1039.4	1050.7	1094.7	1190.6	1295.6	3227.6	9614.0	10204.3	7920.1	4540.1
75°	1028.1	1023.6	1012.3	995.4	862.2	762.9	999.9	4252.3	4594.3	5411.3	3418.3
77.5°	997.6	998.8	1001.0	954.7	739.2	539.4	484.1	1364.4	1678.1	3434.1	2429.7
80°	674.9	685.0	702.0	683.9	664.7	390.5	341.9	485.3	492.0	1927.5	1604.8
82.5°	341.9	341.9	334.0	297.9	257.3	253.9	272.0	352.1	356.6	975.1	755.0
85°	206.5	217.8	222.3	202.0	185.1	170.4	207.7	279.9	290.0	378.1	176.1
87.5°	46.3	47.4	51.9	68.8	100.4	136.6	193.0	256.2	260.7	242.6	21.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4
2.5°	101.6	99.3	98.2	94.8	91.4	88.0	85.8	84.6	85.8	86.9	86.9
5°	100.4	97.1	91.4	85.8	81.3	76.7	72.2	71.1	71.1	72.2	72.2
7.5°	100.4	94.8	86.9	80.1	73.4	66.6	63.2	60.9	62.1	62.1	62.1
10°	100.4	93.7	83.5	73.4	65.5	57.6	51.9	49.7	49.7	49.7	49.7
12.5°	99.3	92.5	80.1	67.7	56.4	47.4	40.6	37.2	38.4	38.4	38.4
15°	97.1	89.2	75.6	57.6	45.1	36.1	29.3	26.0	27.1	29.3	30.5
17.5°	93.7	85.8	67.7	48.5	36.1	27.1	20.3	18.1	19.2	22.6	22.6
20°	92.5	82.4	59.8	39.5	27.1	19.2	13.5	11.3	12.4	16.9	18.1
22.5°	92.5	80.1	54.2	32.7	20.3	12.4	7.9	4.5	4.5	7.9	7.9
25°	93.7	79.0	49.7	27.1	14.7	9.0	4.5	2.3	4.5	12.4	14.7
27.5°	95.9	77.9	47.4	22.6	11.3	7.9	3.4	7.9	13.5	13.5	13.5
30°	98.2	75.6	44.0	19.2	10.2	5.6	5.6	11.3	11.3	13.5	14.7
32.5°	101.6	74.5	41.8	16.9	7.9	4.5	7.9	6.8	6.8	7.9	9.0
35°	108.3	75.6	39.5	16.9	7.9	5.6	6.8	3.4	2.3	2.3	2.3
37.5°	117.4	76.7	36.1	14.7	6.8	6.8	3.4	0.0	0.0	0.0	0.0
40°	132.0	80.1	33.9	13.5	5.6	5.6	1.1	0.0	0.0	0.0	0.0
42.5°	156.9	86.9	32.7	12.4	5.6	4.5	0.0	0.0	0.0	0.0	0.0
45°	206.5	102.7	30.5	11.3	5.6	2.3	0.0	0.0	0.0	0.0	0.0
47.5°	296.8	139.9	29.3	9.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	433.4	189.6	28.2	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	553.0	199.8	19.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	566.5	137.7	14.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	451.4	89.2	12.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	341.9	67.7	11.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	328.4	60.9	11.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	362.3	53.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	589.1	44.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1023.6	38.4	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1293.3	36.1	6.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1127.4	32.7	6.8	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	678.3	28.2	6.8	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	355.5	21.4	6.8	5.6	3.4	1.1	0.0	0.0	0.0	0.0	0.0
80°	172.7	19.2	7.9	5.6	4.5	2.3	0.0	0.0	0.0	0.0	0.0
82.5°	67.7	15.8	9.0	7.9	5.6	3.4	1.1	0.0	0.0	0.0	0.0
85°	30.5	13.5	10.2	9.0	7.9	4.5	1.1	0.0	0.0	0.0	0.0
87.5°	15.8	12.4	11.3	10.2	7.9	5.6	2.3	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



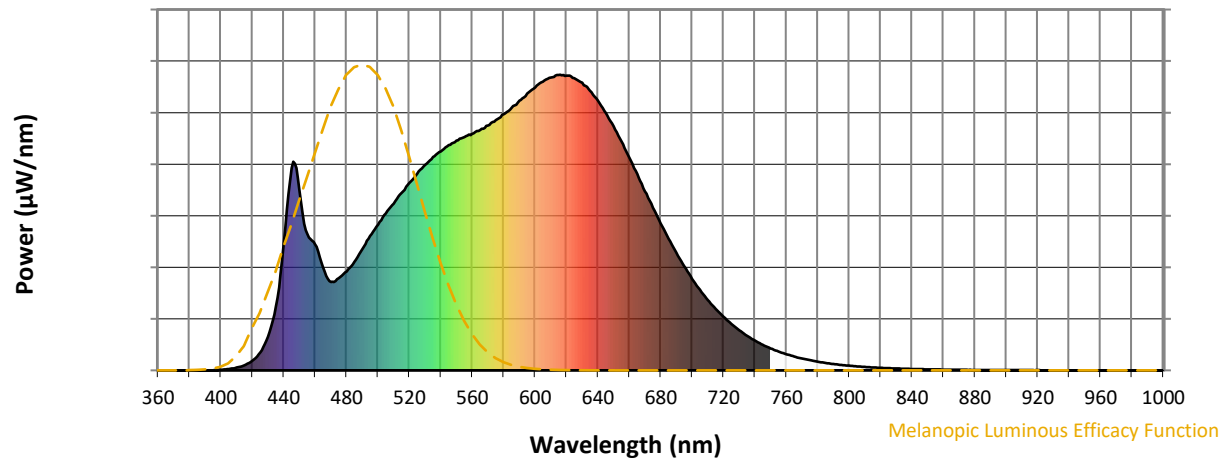
Scotopic Lumens: NR

S/P: 1.58

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.14

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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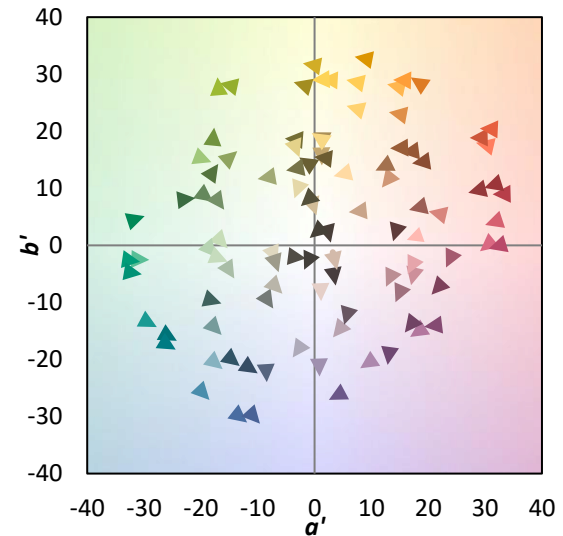
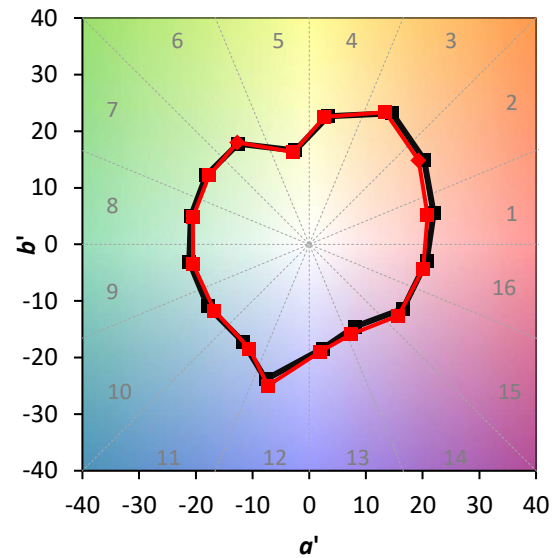
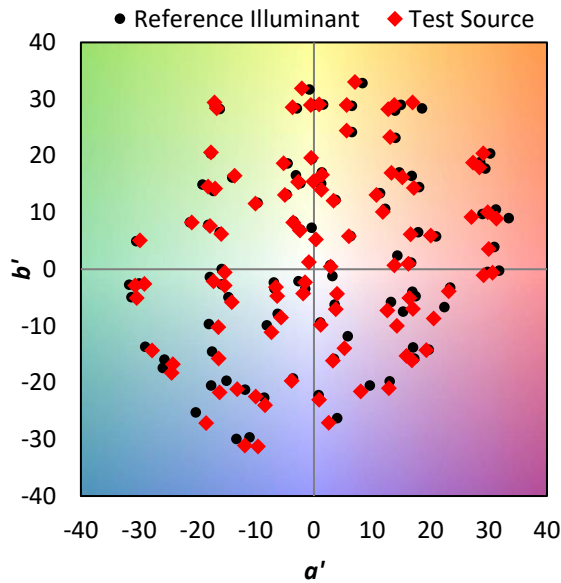
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE R_a = 92.2$
 $R_9 = 59.8$

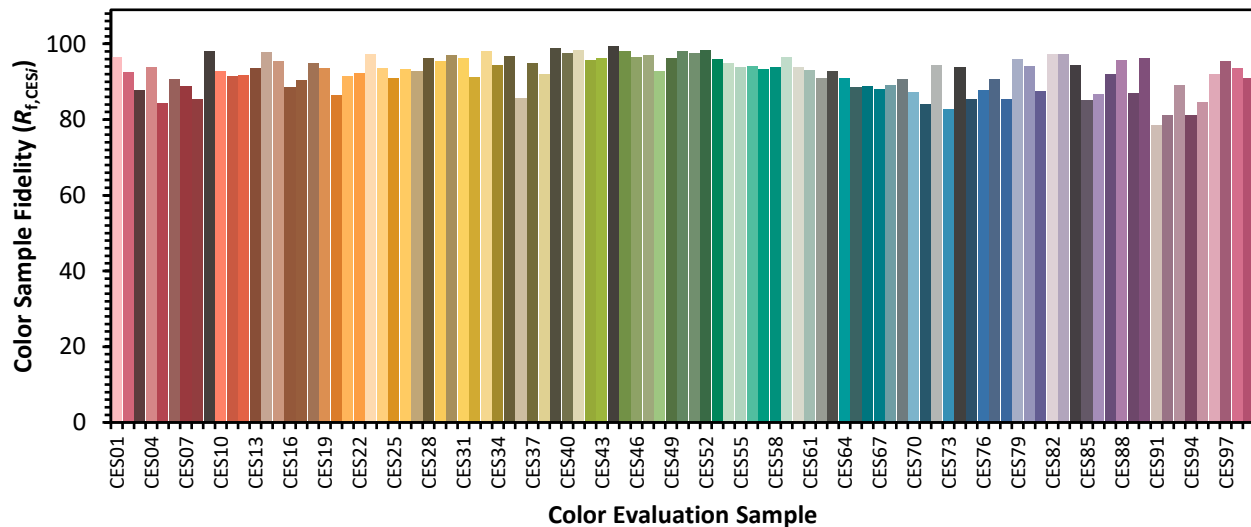


Color Vector Graphics

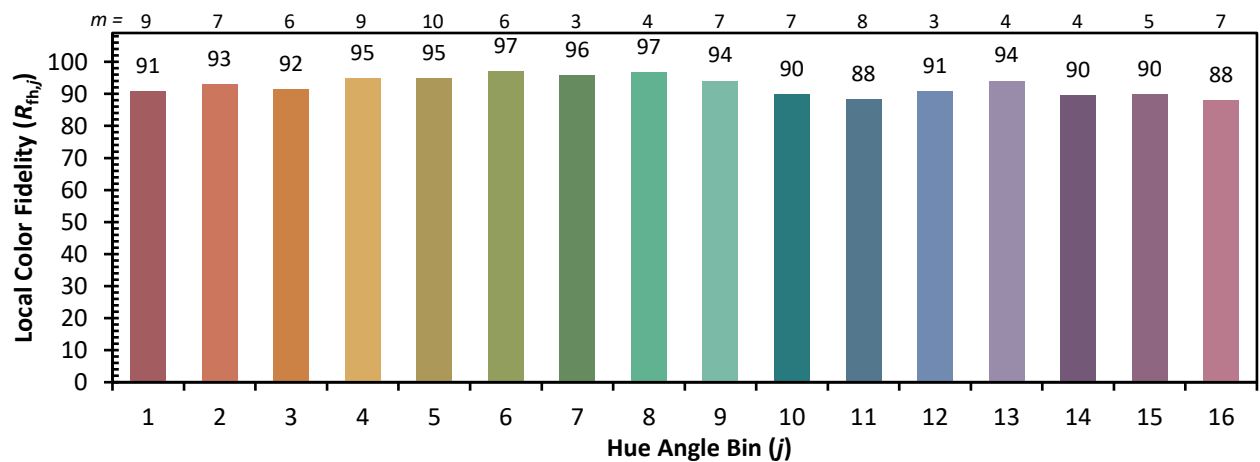


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)