

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using  
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456198

Luminaire Tested: GLAN-SB3D-927-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456198  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3D-927-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square  
PACKAGE 90CRI 2700K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (78) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 17968.2 lumens  
Efficiency: N/A  
Efficacy: 82.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

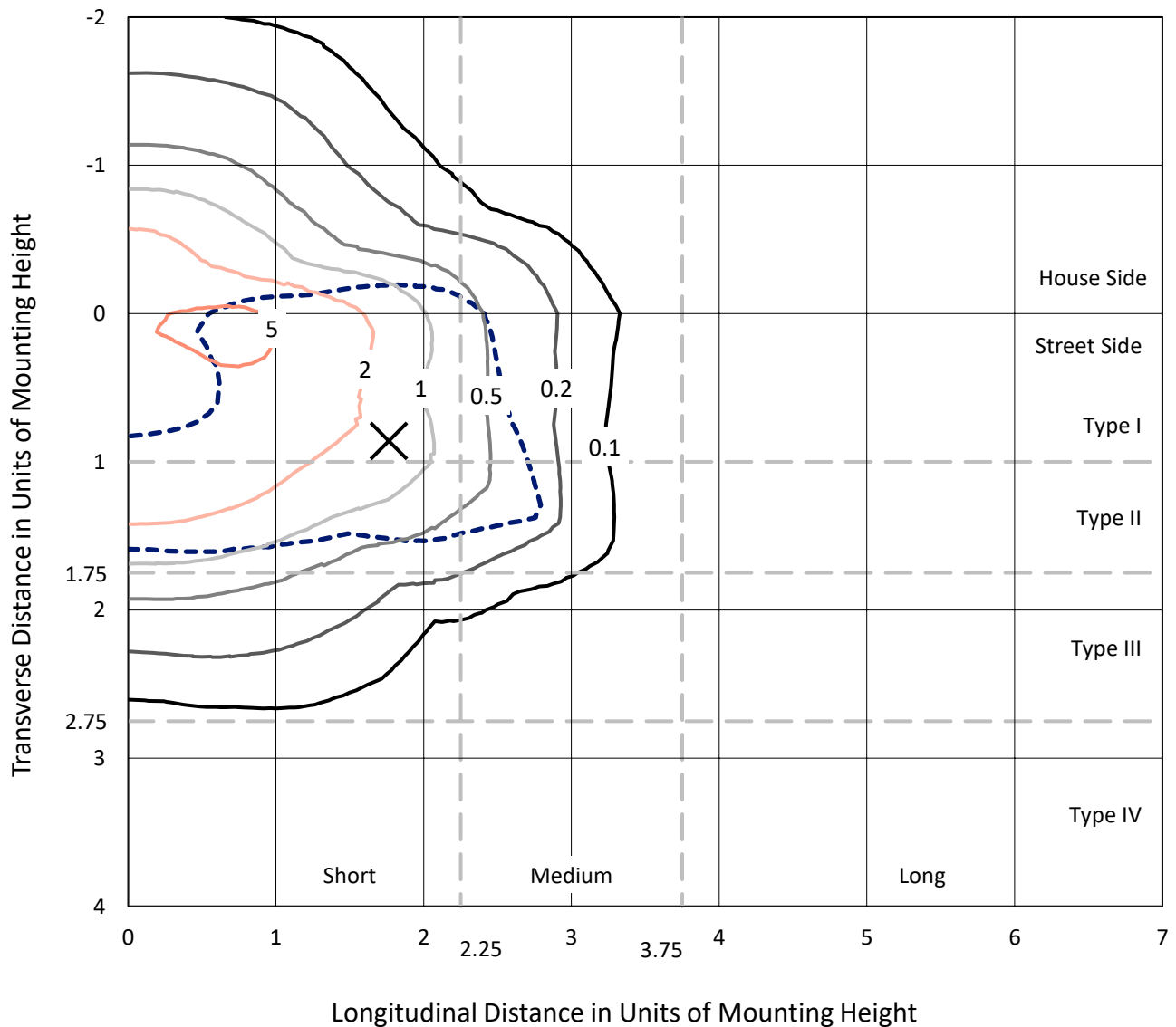
Input Watts (W): 218.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB3D-927-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

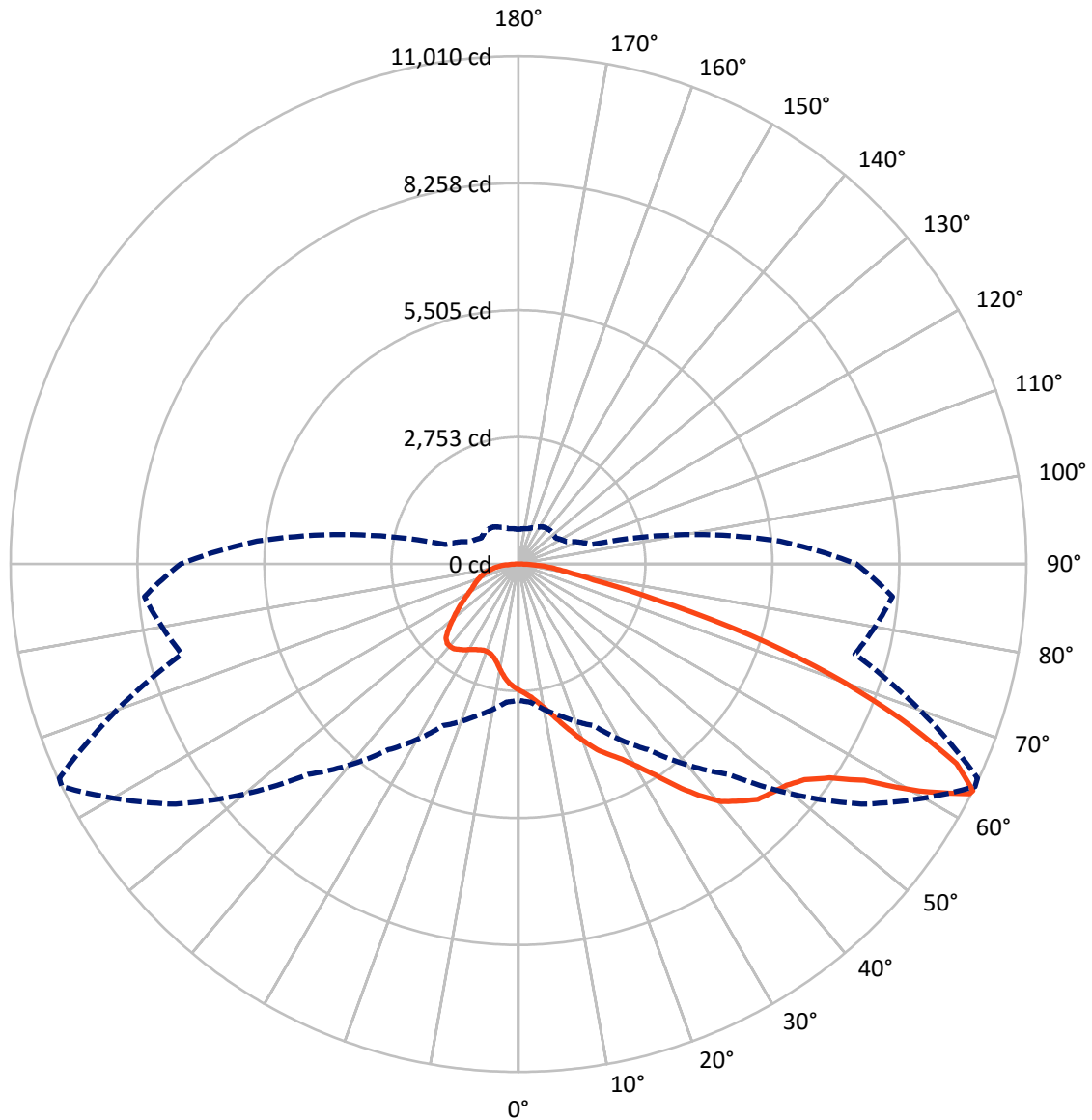


Based on 25 foot mounting height. Maximum calculated value = 6.8 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4827.5	0.0	4827.5
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	13140.6	0.0	13140.6
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	17968.2	0.0	17968.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	251.2	1.4
10°-20°	773.4	4.3
20°-30°	1414.3	7.9
30°-40°	2432.9	13.5
40°-50°	3587.9	20.0
50°-60°	4300.3	23.9
60°-70°	3451.4	19.2
70°-80°	1386.9	7.7
80°-90°	369.8	2.1
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°	17968.2	100.0
0°-180°	17968.2	100.0



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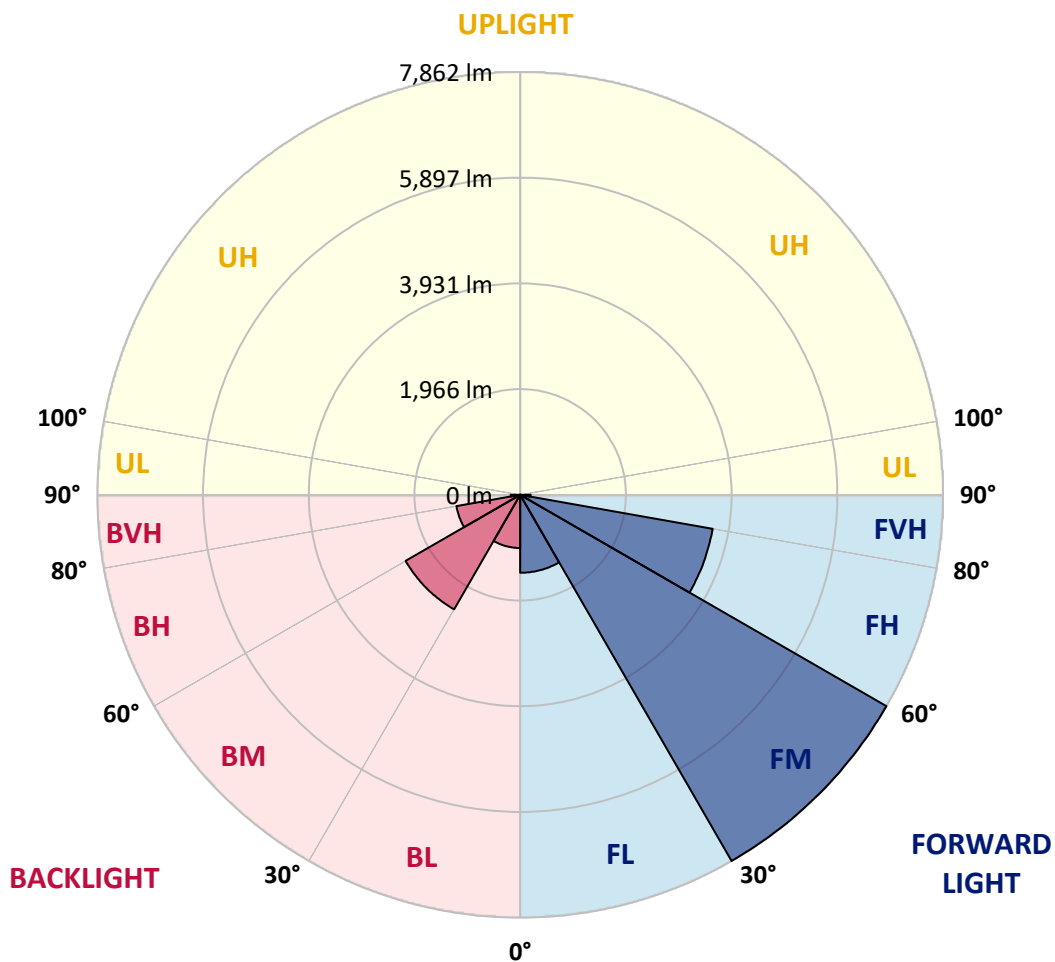
CATALOG NUMBER: GLAN-SB3D-927-U-T2LG

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1449.7	8.1			
FM (30°-60°)	7862.0	43.8			
FH (60°-80°)	3634.6	20.2			G2/5000
FVH (80°-90°)	194.3	1.1			G2/225
BL (0°-30°)	989.3	5.5	B2/1000		
BM (30°-60°)	2459.0	13.7	B2/2500		
BH (60°-80°)	1203.7	6.7	B3/2500		G3/2500
BVH (80°-90°)	175.5	1.0			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3
2.5°	2849.4	2853.4	2841.3	2837.2	2845.3	2829.2	2825.1	2809.0	2800.9	2784.8	2764.6
5°	2930.1	2934.1	2926.0	2926.0	2934.1	2922.0	2918.0	2901.8	2893.7	2877.6	2837.2
7.5°	2926.0	2930.1	2938.1	2970.4	3010.8	3026.9	3039.0	3026.9	3022.9	2998.7	2958.3
10°	2861.5	2865.5	2885.7	2934.1	3035.0	3107.6	3184.3	3184.3	3192.4	3172.2	3099.6
12.5°	2772.7	2776.7	2825.1	2901.8	3035.0	3160.1	3317.5	3382.1	3378.1	3365.9	3281.2
15°	2558.8	2558.8	2631.4	2776.7	2990.6	3196.4	3430.5	3604.1	3608.1	3620.2	3519.3
17.5°	2377.1	2381.2	2441.7	2570.9	2849.4	3176.3	3551.6	3850.3	3862.4	3931.0	3785.7
20°	2393.3	2393.3	2413.5	2470.0	2696.0	3095.5	3620.2	4112.6	4152.9	4314.4	4132.8
22.5°	2518.4	2518.4	2534.6	2530.5	2667.7	3043.1	3664.6	4374.9	4447.6	4782.6	4548.5
25°	2748.5	2744.4	2728.3	2704.1	2784.8	3099.6	3765.5	4576.7	4718.0	5299.1	5028.7
27.5°	3031.0	3022.9	2998.7	2958.3	3014.8	3269.1	3939.0	4790.6	4944.0	5864.2	5537.3
30°	3382.1	3357.9	3333.7	3281.2	3341.7	3547.6	4197.3	5093.3	5238.6	6505.9	6150.7
32.5°	3797.8	3826.0	3745.3	3672.7	3737.3	3926.9	4580.8	5452.5	5609.9	7175.8	6788.4
35°	4419.3	4504.1	4479.9	4112.6	4173.1	4383.0	5028.7	5916.6	6057.9	7785.3	7442.2
37.5°	5032.8	5012.6	5032.8	4726.0	4629.2	4883.4	5509.0	6360.6	6497.8	8281.7	8019.3
40°	5525.2	5585.7	5585.7	5335.5	5210.4	5379.9	5944.9	6768.2	6901.4	8556.1	8435.0
42.5°	6061.9	6070.0	6053.9	5835.9	5787.5	5831.9	6328.3	7026.5	7135.5	8697.4	8717.6
45°	6667.3	6663.3	6594.7	6413.1	6340.4	6300.1	6566.4	7276.7	7385.7	8762.0	8870.9
47.5°	7167.8	7188.0	7192.0	6998.3	6877.2	6703.6	6772.3	7401.9	7527.0	8689.3	8903.2
50°	7196.0	7228.3	7381.7	7438.2	7414.0	7135.5	6961.9	7535.0	7660.2	8705.5	9020.3
52.5°	7018.4	7050.7	7248.5	7482.6	7765.1	7631.9	7260.6	7765.1	7894.2	8862.9	9286.6
55°	6542.2	6594.7	6889.3	7216.2	7720.7	7910.4	7789.3	8180.8	8301.9	8988.0	9597.4
57.5°	5694.7	5759.2	6166.9	6687.5	7377.6	7845.8	8556.1	8846.7	8947.6	9076.8	9601.4
60°	4257.9	4310.3	4948.0	5650.3	6687.5	7442.2	9012.2	9988.9	10045.4	8596.5	9056.6
62.5°	3135.9	3188.4	3616.2	4120.7	5254.8	6699.6	9101.0	10977.7	10985.7	7728.8	8305.9
63°	2954.3	3006.8	3394.2	3866.4	4915.7	6449.4	9072.7	11010.0	10981.7	7551.2	8140.4
65°	2300.5	2393.3	2796.9	3156.1	3684.8	5133.7	8709.5	10436.9	10477.2	7026.5	7309.0
67.5°	1565.9	1634.5	2147.1	2562.8	2784.8	3269.1	7143.6	8931.5	8996.0	6481.7	5831.9
70°	1210.8	1243.1	1541.7	2030.1	2252.0	2078.5	4657.4	7192.0	7192.0	5061.0	4132.8
72.5°	948.4	960.5	1162.3	1586.1	1812.1	1598.2	2595.1	5230.5	5036.8	3002.7	2756.5
75°	678.0	694.2	875.8	1182.5	1444.9	1259.2	1658.8	3047.1	2930.1	1727.4	1840.4
77.5°	536.8	544.8	653.8	871.8	1170.4	960.5	1263.2	1662.8	1646.7	1214.8	1182.5
80°	423.8	439.9	512.6	625.6	904.0	750.7	940.4	1097.8	1065.5	835.4	758.8
82.5°	302.7	330.9	395.5	476.2	670.0	536.8	617.5	774.9	774.9	629.6	500.5
85°	185.7	209.9	234.1	294.6	476.2	347.1	326.9	500.5	512.6	472.2	322.9
87.5°	88.8	96.9	113.0	125.1	173.5	157.4	129.1	189.7	193.7	209.9	133.2
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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CATALOG NUMBER: GLAN-SB3D-927-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3	2736.3
2.5°	2760.6	2752.5	2712.1	2671.8	2627.4	2587.0	2546.7	2514.4	2478.0	2486.1	2490.2
5°	2813.0	2792.8	2704.1	2599.1	2461.9	2332.8	2207.6	2118.9	2062.3	2046.2	2013.9
7.5°	2926.0	2877.6	2716.2	2494.2	2239.9	2038.1	1921.1	1868.6	1852.5	1856.5	1848.4
10°	3055.2	2982.5	2732.3	2369.1	2046.2	1909.0	1892.8	1925.1	1941.3	1957.4	1961.5
12.5°	3224.7	3107.6	2724.2	2231.9	1953.4	1929.2	1989.7	2050.2	2086.6	2110.8	2106.7
15°	3422.5	3265.0	2700.0	2118.9	1941.3	2005.8	2082.5	2151.1	2195.5	2219.7	2207.6
17.5°	3660.6	3450.7	2671.8	2046.2	1977.6	2054.3	2135.0	2203.6	2252.0	2268.2	2256.1
20°	3955.2	3660.6	2623.3	2013.9	2005.8	2074.5	2147.1	2211.7	2252.0	2268.2	2252.0
22.5°	4302.3	3910.8	2583.0	2013.9	2018.0	2074.5	2126.9	2175.4	2211.7	2223.8	2203.6
25°	4746.2	4201.4	2566.8	2046.2	2022.0	2054.3	2082.5	2110.8	2131.0	2139.0	2131.0
27.5°	5198.2	4536.4	2574.9	2086.6	2018.0	2026.0	2026.0	2030.1	2034.1	2038.1	2034.1
30°	5718.9	4875.4	2607.2	2139.0	2026.0	1985.7	1973.6	1949.3	1929.2	1913.0	1896.9
32.5°	6223.4	5198.2	2663.7	2215.7	2018.0	1941.3	1917.1	1856.5	1800.0	1751.6	1751.6
35°	6768.2	5533.2	2764.6	2272.2	2009.9	1900.9	1832.3	1763.7	1703.2	1634.5	1634.5
37.5°	7236.4	5819.8	2845.3	2336.8	2001.8	1852.5	1743.5	1666.8	1602.3	1533.6	1525.6
40°	7563.3	5985.3	2893.7	2361.0	1973.6	1787.9	1658.8	1561.9	1469.1	1376.2	1372.2
42.5°	7720.7	5977.2	2865.5	2352.9	1921.1	1707.2	1586.1	1457.0	1331.8	1247.1	1239.0
45°	7805.4	5924.7	2756.5	2284.3	1836.3	1622.4	1493.3	1356.1	1231.0	1154.3	1138.1
47.5°	7789.3	5795.6	2607.2	2114.8	1723.3	1529.6	1400.5	1259.2	1158.3	1113.9	1113.9
50°	7833.7	5694.7	2437.7	1921.1	1570.0	1420.6	1315.7	1186.6	1126.0	1069.5	1049.3
52.5°	8031.5	5779.4	2292.4	1739.5	1424.7	1315.7	1243.1	1134.1	1057.4	1021.1	1009.0
55°	8293.8	5961.0	2155.2	1578.0	1283.4	1222.9	1186.6	1085.7	996.9	960.5	940.4
57.5°	8342.2	6086.1	2022.0	1420.6	1166.4	1150.2	1138.1	1000.9	928.3	900.0	883.9
60°	8007.2	5993.3	1848.4	1279.4	1073.6	1081.6	1049.3	948.4	863.7	835.4	819.3
62.5°	7438.2	5751.2	1674.9	1158.3	1000.9	1017.0	984.8	883.9	799.1	770.9	762.8
63°	7325.2	5686.6	1634.5	1146.2	984.8	1004.9	976.7	875.8	791.0	762.8	750.7
65°	6651.2	5299.1	1493.3	1081.6	932.3	932.3	936.3	835.4	762.8	750.7	742.6
67.5°	5424.3	4423.4	1339.9	1004.9	875.8	887.9	908.1	851.6	823.3	815.3	807.2
70°	4100.5	3329.6	1206.7	932.3	815.3	855.6	992.8	968.6	863.7	791.0	774.9
72.5°	2905.9	2268.2	1089.7	859.6	742.6	843.5	1029.2	924.2	778.9	694.2	678.0
75°	1945.3	1461.0	972.7	783.0	661.9	778.9	972.7	843.5	678.0	657.9	633.6
77.5°	1222.9	1041.3	855.6	694.2	573.1	694.2	883.9	750.7	585.2	593.3	557.0
80°	746.6	742.6	718.4	589.2	460.1	552.9	742.6	633.6	468.2	468.2	415.7
82.5°	443.9	536.8	609.4	488.3	335.0	395.5	536.8	476.2	391.5	379.4	355.2
85°	298.7	363.2	484.3	375.3	213.9	242.2	371.3	399.6	359.2	314.8	294.6
87.5°	109.0	145.3	222.0	153.4	92.8	145.3	278.5	290.6	217.9	169.5	153.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-13  
 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-927-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 2700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2731  
 CIE u': 0.2605  
 CIE v': 0.5298  
 Duv: 0.0021  
 CIE x: 0.4610  
 CIE y: 0.4166  
 CIE z: 0.1224  
 Peak Wavelength (nm): 622  
 Dominant Wavelength (nm): 583  
 Purity: 63.43685  
 Rf: 92.6  
 Rg: 98

CRI (Ra):	91.8		
R1:	91.4	R9:	54.7
R2:	95.1	R10:	87.7
R3:	97.6	R11:	92.9
R4:	92.3	R12:	84.0
R5:	91.1	R13:	92.2
R6:	94.7	R14:	97.8
R7:	92.3	R15:	86.8
R8:	80.0		



**Test Conditions**

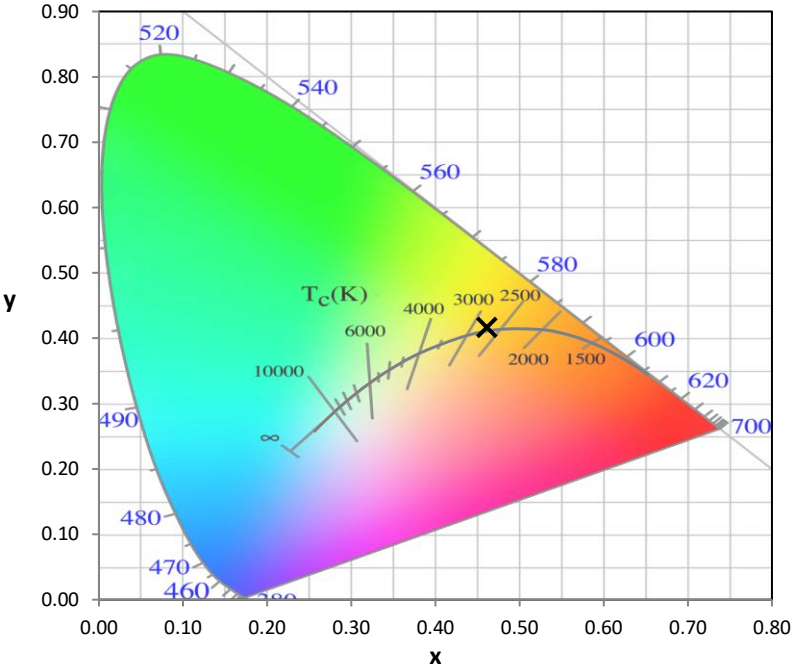
Stabilization Time: M  
 Operation Time: 1H 0M  
 Sphere Temperature (°C): 25.2

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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



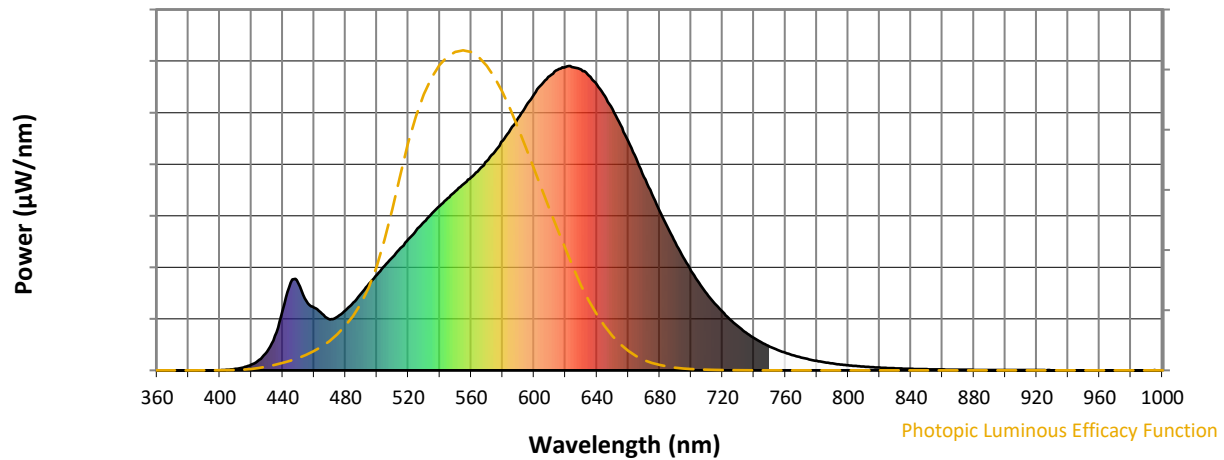
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.27**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

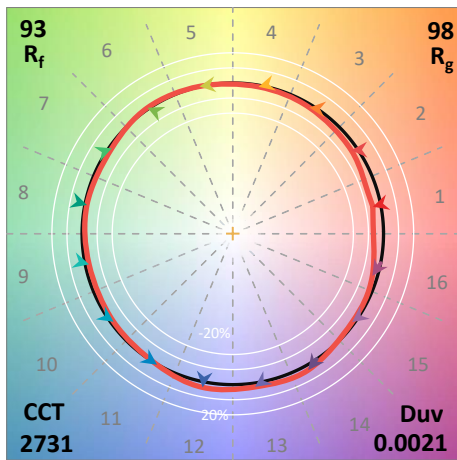
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

**Summary**

$R_f = 92.6$   
 $R_g = 98$   
 $CIE R_a = 91.8$   
 $R_9 = 54.7$



**Color Vector Graphics**

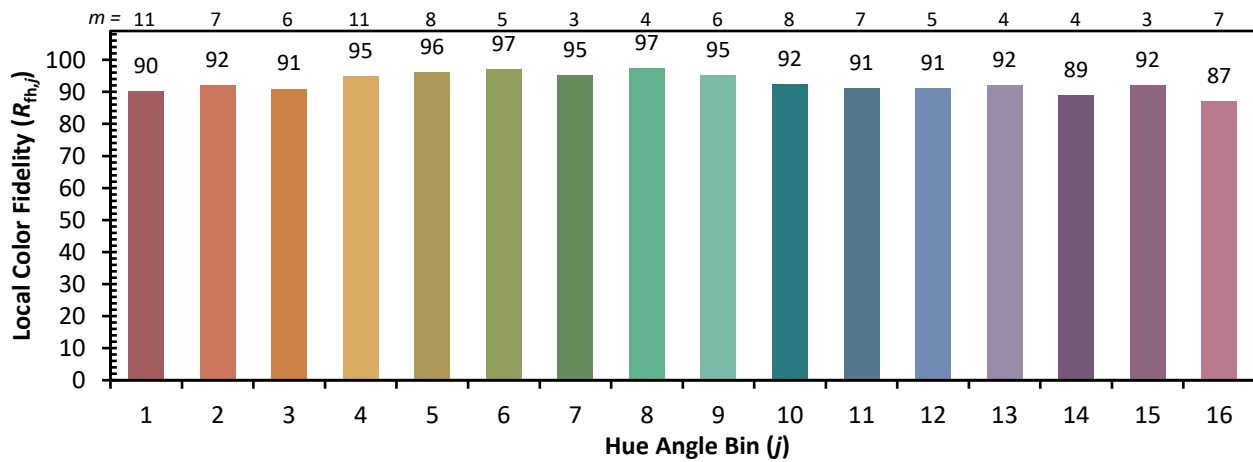
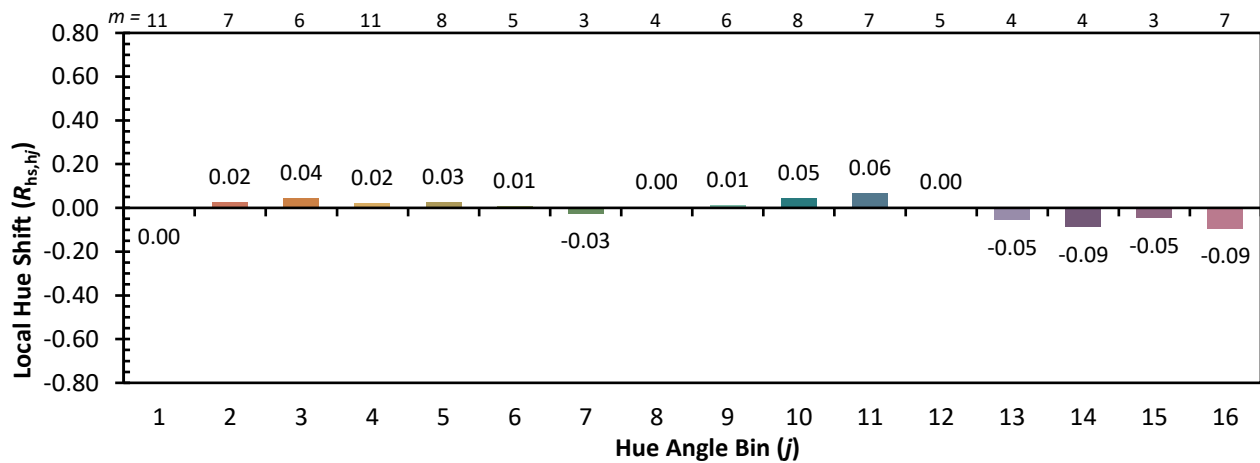


Individual Sample Fidelity Index ( $R_{f,i}$ )

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)