

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: P323686

Luminaire Tested: **GLEON-SA2C-830-U-SL3-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P323686
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-23)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA2C-830-U-SL3-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III
SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9825 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

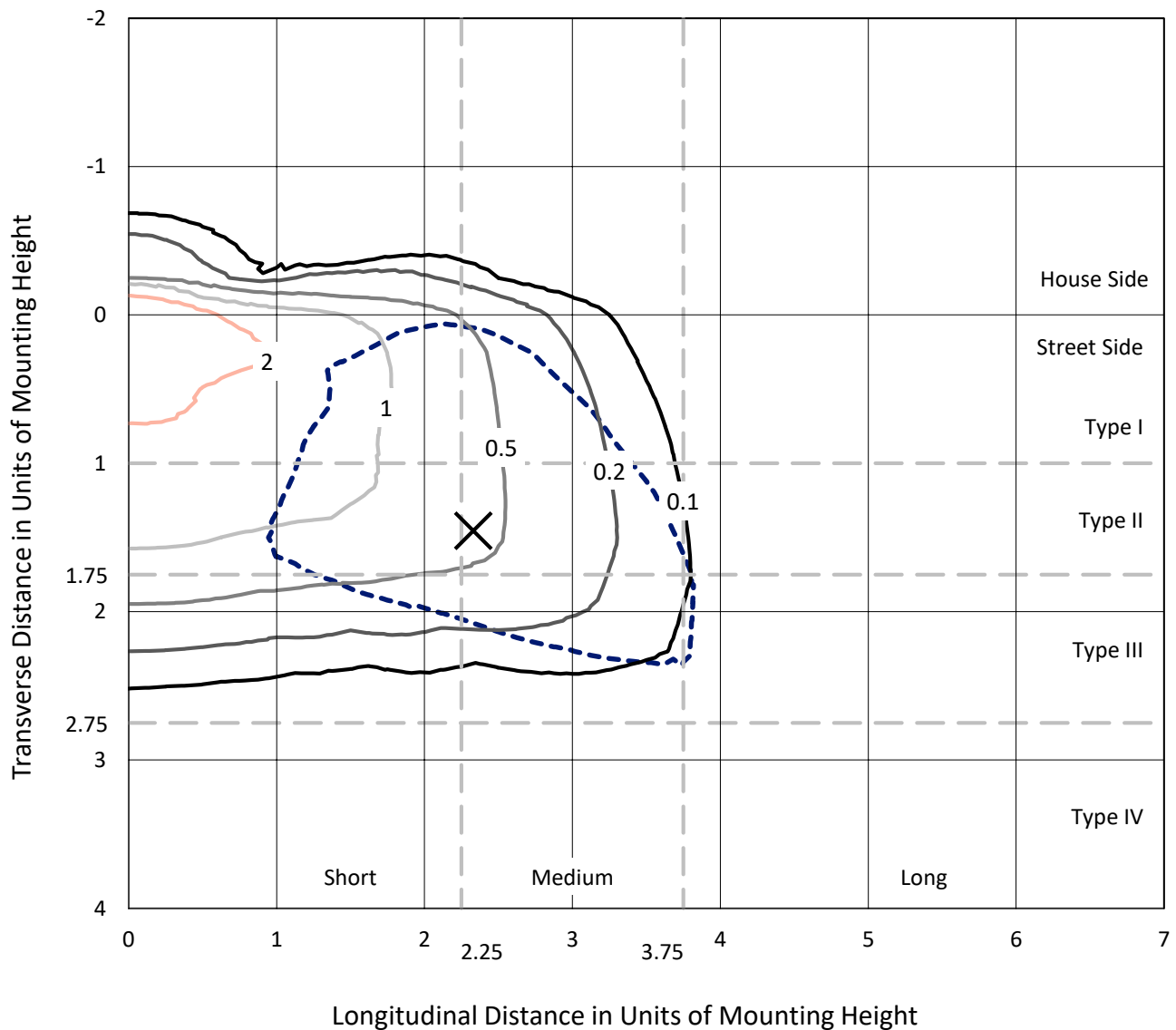
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

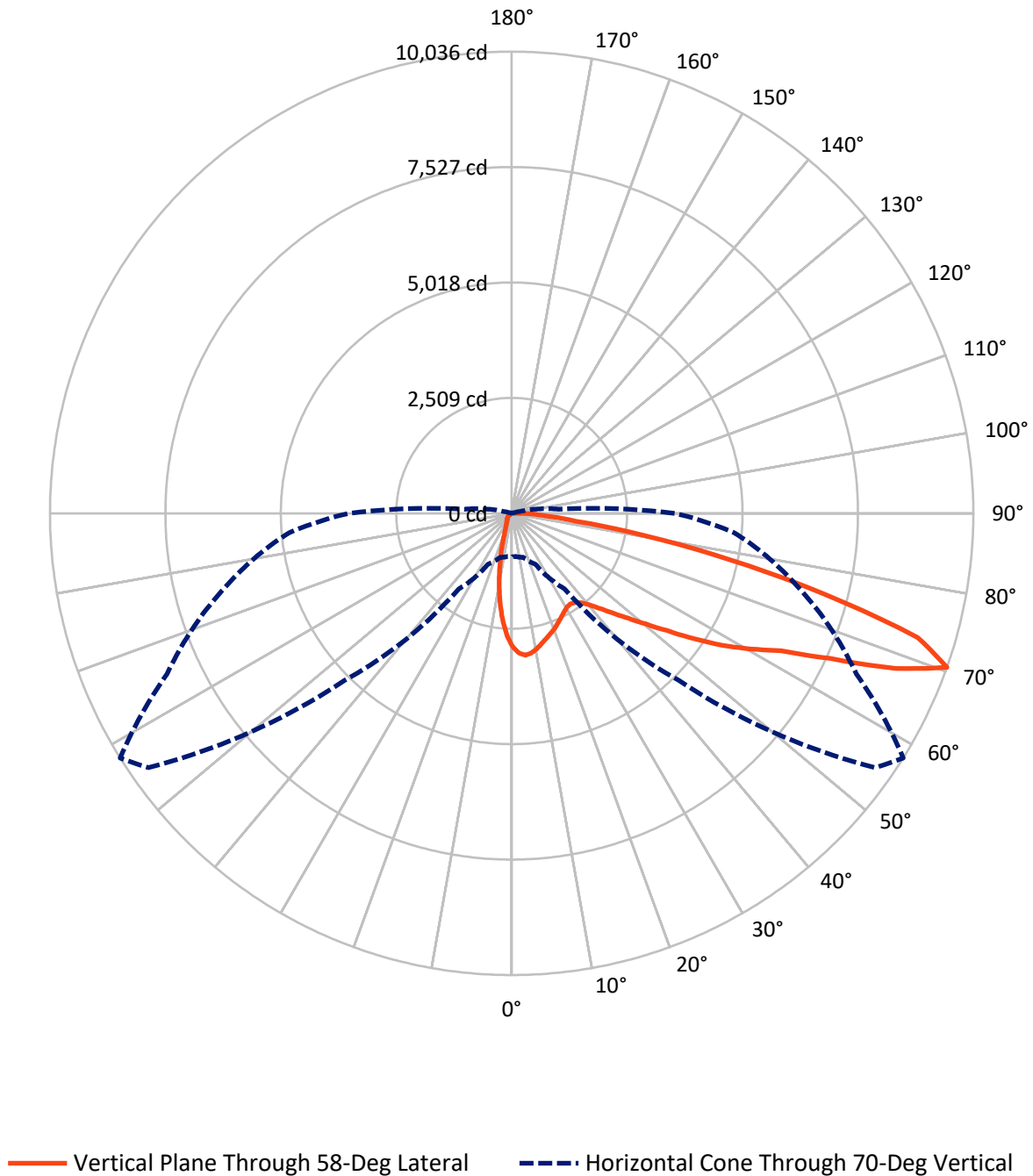
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.7 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	840.8	0.0	840.8
	% Fixture	8.6	0.0	8.6
Street Side	Lumens	8984.2	0.0	8984.2
	% Fixture	91.4	0.0	91.4
Total	Lumens	9825.0	0.0	9825.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	237.3	2.4
10°-20°	498.1	5.1
20°-30°	654.8	6.7
30°-40°	867.3	8.8
40°-50°	1296.3	13.2
50°-60°	2076.6	21.1
60°-70°	2617.5	26.6
70°-80°	1411.9	14.4
80°-90°	165.3	1.7
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°	9825.0	100.0
0°-180°	9825.0	100.0

Coefficient of Utilization



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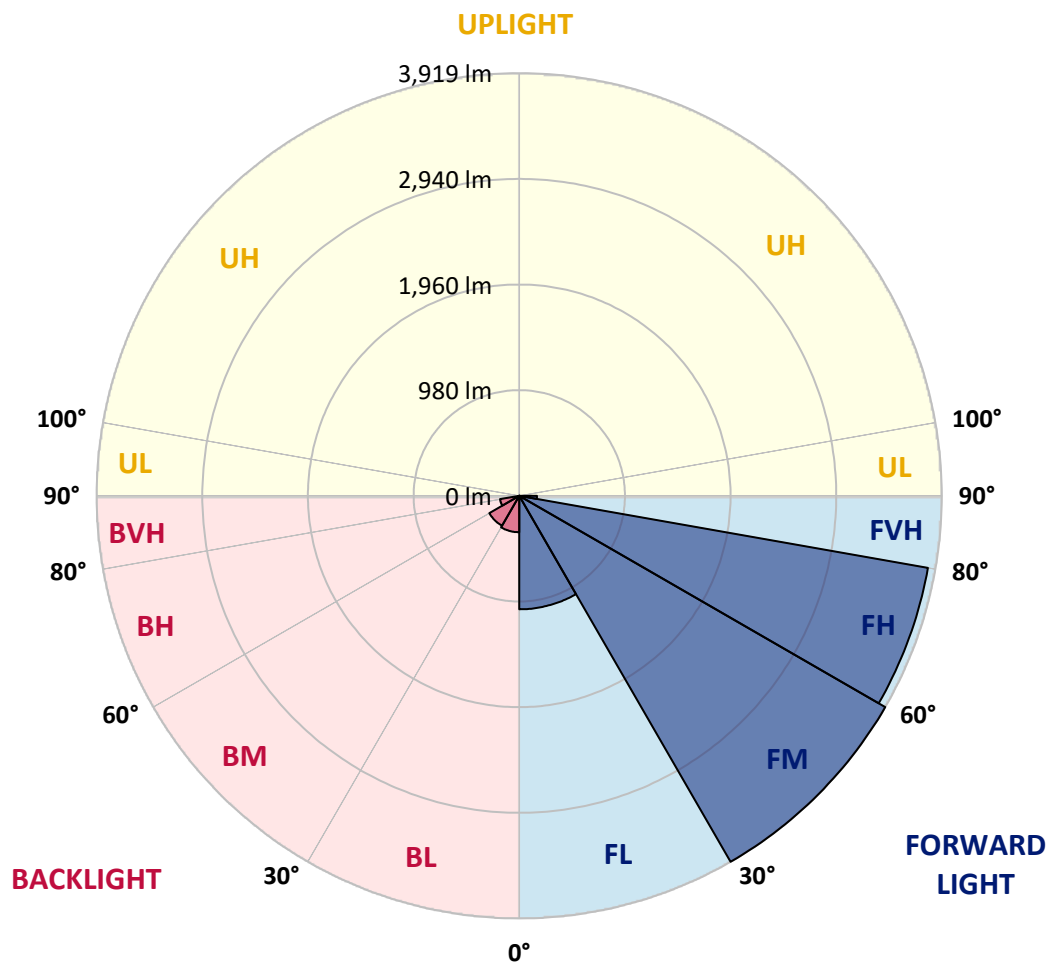
CATALOG NUMBER: GLEON-SA2C-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1052.5	10.7			
FM	(30°-60°)	3919.3	39.9			
FH	(60°-80°)	3848.6	39.2			G2/5000
FVH	(80°-90°)	163.8	1.7			G2/225
BL	(0°-30°)	337.8	3.4	B1/500		
BM	(30°-60°)	320.8	3.3	B1/1000		
BH	(60°-80°)	180.8	1.8	B1/500		G1/500
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium





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CATALOG NUMBER: GLEON-SA2C-830-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3
2.5°	3142.9	3135.1	3132.3	3127.4	3108.6	3090.2	3053.8	3043.6	3020.7	2966.4	2908.8
5°	3145.3	3144.9	3153.5	3151.5	3144.9	3136.4	3110.2	3096.7	3057.9	2980.3	2874.9
7.5°	2993.8	3001.5	3020.7	3036.3	3054.2	3077.5	3080.8	3067.7	3035.9	2952.1	2812.4
10°	2790.3	2802.6	2829.5	2860.2	2907.2	2953.7	2995.4	2993.8	2982.7	2900.2	2737.2
12.5°	2586.5	2600.8	2631.8	2677.2	2743.7	2819.7	2894.1	2904.3	2922.7	2853.6	2667.8
15°	2407.9	2420.2	2450.8	2506.4	2588.9	2691.0	2800.1	2818.9	2866.3	2817.3	2609.7
17.5°	2256.4	2264.1	2286.6	2348.3	2443.9	2567.7	2709.4	2746.2	2816.9	2788.7	2559.5
20°	2150.5	2151.8	2166.5	2209.8	2305.4	2443.9	2615.5	2668.2	2764.6	2764.2	2507.6
22.5°	2098.3	2094.2	2097.0	2121.9	2192.2	2325.8	2521.5	2584.0	2717.6	2743.3	2454.9
25°	2088.4	2085.2	2077.0	2080.3	2122.8	2222.5	2426.7	2499.0	2676.3	2730.7	2409.2
27.5°	2119.1	2122.4	2108.5	2093.8	2097.0	2155.4	2342.6	2426.3	2642.8	2730.7	2376.9
30°	2180.8	2182.4	2172.2	2153.0	2127.3	2136.7	2284.1	2367.9	2626.1	2749.5	2356.5
32.5°	2249.0	2258.0	2256.8	2241.2	2204.5	2166.5	2270.2	2346.6	2624.9	2791.1	2354.4
35°	2333.6	2343.8	2360.9	2357.7	2319.3	2256.8	2317.6	2377.7	2649.0	2859.8	2376.5
37.5°	2423.5	2439.0	2475.7	2493.3	2468.4	2397.7	2423.9	2466.8	2713.5	2970.9	2432.4
40°	2510.5	2528.0	2595.0	2664.1	2645.3	2572.6	2584.8	2619.1	2828.3	3130.6	2538.7
42.5°	2595.9	2622.0	2720.5	2834.0	2856.5	2798.5	2805.0	2832.4	2998.7	3350.4	2712.3
45°	2698.0	2727.4	2873.3	3013.4	3073.4	3048.1	3075.9	3093.9	3221.3	3640.9	2946.4
47.5°	2847.9	2881.8	3060.8	3220.5	3325.9	3342.3	3398.2	3410.1	3502.8	3979.2	3251.6
50°	3140.4	3149.8	3311.6	3456.6	3608.6	3706.7	3770.4	3779.4	3843.5	4348.9	3632.7
52.5°	3508.5	3514.7	3606.2	3703.4	3876.2	4076.4	4225.5	4238.2	4251.7	4709.2	4009.0
55°	3874.2	3873.4	3933.8	3991.0	4188.7	4479.6	4803.2	4811.0	4714.1	5051.2	4296.6
57.5°	4102.5	4124.6	4216.5	4290.1	4566.2	4939.2	5388.2	5416.8	5199.9	5304.5	4580.9
60°	4029.8	4040.4	4244.3	4516.4	5036.5	5592.5	5980.2	5987.5	5565.1	5557.4	4940.5
62.5°	3433.4	3439.1	3759.4	4320.3	5274.6	6439.8	6694.3	6574.6	5985.1	5908.3	5370.6
65°	2353.2	2390.4	2658.0	3351.2	4837.1	6971.3	7799.8	7601.7	6625.3	6414.1	5759.6
67.5°	1385.8	1378.0	1510.4	2021.0	3552.7	6618.3	9198.2	9001.3	7498.3	6752.7	5645.6
70°	946.6	941.3	991.9	1223.6	2005.5	5134.1	9638.2	10035.8	8269.2	6524.8	4858.8
72.5°	675.7	678.6	753.3	950.7	1259.1	2991.3	8288.4	9229.3	8027.8	5688.1	3693.2
75°	458.8	466.6	573.6	779.9	1103.9	1521.8	5881.7	7015.8	6537.0	4134.0	2122.8
77.5°	246.8	255.3	381.6	628.3	998.1	1057.3	3783.5	4828.5	4106.2	1858.4	615.3
80°	103.0	107.9	178.5	456.7	862.4	928.6	2226.1	2928.0	1749.8	366.5	137.3
82.5°	44.5	47.0	74.4	272.5	644.7	784.0	1178.6	1408.6	530.3	80.5	69.0
85°	8.6	9.0	30.6	144.2	411.4	442.4	764.0	748.9	238.2	34.7	50.3
87.5°	0.0	0.0	7.4	45.3	120.9	241.0	466.1	460.4	80.9	16.8	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P323686

CATALOG NUMBER: GLEON-SA2C-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3	2902.3
2.5°	2879.4	2851.2	2792.0	2718.8	2662.9	2601.2	2552.1	2490.0	2463.1	2464.3	2449.6
5°	2814.8	2756.8	2625.7	2460.2	2332.8	2201.2	2088.0	1975.3	1908.7	1887.0	1866.6
7.5°	2722.5	2630.6	2421.4	2166.5	1950.8	1740.0	1556.5	1395.2	1293.0	1243.2	1224.8
10°	2618.3	2489.2	2186.5	1850.7	1542.6	1257.5	1019.7	813.0	730.5	674.5	660.2
12.5°	2526.8	2352.0	1956.9	1526.7	1161.1	817.1	590.3	461.6	405.7	383.6	379.9
15°	2440.6	2223.7	1735.9	1233.4	804.0	502.9	375.4	331.7	318.7	315.0	315.0
17.5°	2359.3	2101.5	1519.8	944.5	531.9	352.6	310.9	301.1	297.0	296.6	297.0
20°	2274.3	1979.4	1307.3	692.1	371.4	298.6	287.2	281.9	280.7	280.7	280.7
22.5°	2193.0	1857.2	1100.6	494.3	297.8	272.5	266.8	263.1	261.9	261.5	260.6
25°	2115.0	1741.2	898.8	349.3	261.5	249.6	244.7	239.8	236.1	234.1	232.9
27.5°	2050.9	1637.8	710.9	280.3	236.1	225.9	219.8	212.4	203.5	199.4	197.7
30°	1999.8	1543.5	547.9	236.5	212.4	202.2	192.8	180.2	167.1	160.1	159.7
32.5°	1959.8	1450.7	415.9	209.2	191.2	178.5	165.0	149.1	134.0	126.2	125.8
35°	1940.2	1369.0	317.8	189.2	172.4	156.5	139.7	122.2	107.4	100.1	99.3
37.5°	1953.2	1300.0	248.0	172.4	156.5	138.1	118.5	100.1	87.0	80.5	80.1
40°	2001.0	1255.8	201.4	158.1	143.0	120.5	99.3	82.1	71.1	65.8	65.4
42.5°	2102.7	1239.5	172.0	146.3	129.9	104.2	82.5	67.8	57.6	53.9	53.1
45°	2272.7	1263.6	152.0	134.8	116.4	88.7	68.2	55.6	46.6	43.7	43.3
47.5°	2499.0	1326.9	137.7	123.8	104.2	74.8	56.8	44.9	38.0	35.1	34.7
50°	2790.7	1427.4	125.8	112.8	92.7	63.3	47.0	35.5	29.4	27.4	27.4
52.5°	3108.2	1547.1	115.2	102.5	81.3	52.7	38.0	27.4	23.3	20.8	20.8
55°	3370.4	1651.7	103.8	94.8	67.4	43.7	29.0	20.8	17.2	15.9	15.9
57.5°	3632.3	1763.3	90.7	81.3	53.9	35.5	22.1	15.5	12.7	11.8	11.8
60°	3971.8	1899.7	78.0	66.2	42.5	27.0	16.3	11.0	9.4	9.0	9.0
62.5°	4345.2	1979.8	66.6	53.1	33.1	20.0	11.8	7.4	6.9	6.9	6.5
65°	4573.6	1866.6	56.0	42.5	25.7	15.1	7.8	5.3	6.1	5.7	4.9
67.5°	4282.3	1461.3	45.8	33.1	20.0	11.4	4.9	3.7	6.5	5.3	4.1
70°	3545.7	1023.0	35.5	23.3	15.9	9.8	3.3	2.5	6.9	5.3	3.3
72.5°	2653.5	684.7	28.2	15.5	11.8	8.6	2.9	1.2	6.1	4.5	2.9
75°	1449.9	275.8	22.5	9.8	7.4	6.1	2.0	0.8	4.1	3.3	2.0
77.5°	381.6	72.7	16.3	6.5	4.1	2.5	1.2	0.4	2.0	1.6	0.8
80°	97.2	28.2	10.6	4.5	2.9	1.2	0.0	0.0	0.4	0.0	0.0
82.5°	51.9	11.8	6.5	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	39.2	7.8	3.7	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.1	2.5	1.2	0.0	0.0	0.0	0.0	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: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2408-195-9
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/07/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **GALN-SB1A-830-U-5WQ**
 Description: GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K): 3050
 CIE u' : 0.2476
 CIE v' : 0.5251
 Duv: 0.0034
 CIE x: 0.4383
 CIE y: 0.4131
 CIE z: 0.1487
 Peak Wavelength (nm): 603
 Dominant Wavelength (nm): 581
 Purity: 55.55201
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 81.0
 R1: 79.6
 R2: 85.6
 R3: 92.0
 R4: 82.6
 R5: 78.9
 R6: 81.7
 R7: 85.2
 R8: 62.0
 R9: 7.1
 R10: 67.0
 R11: 82.7
 R12: 63.2
 R13: 80.3
 R14: 95.0
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 24.2

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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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.32

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 81.0$
 $R_9 = 7.1$



Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)