

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: P324955

Luminaire Tested: **GLEON-SA1B-830-U-AFL-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324955
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-30)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA1B-830-U-AFL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 80 CRI, 3000K, 800mA LIGHTSQUARE WITH 16 LEDS AND AUTOMOTIVE
FRONTLINE OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3893 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G0

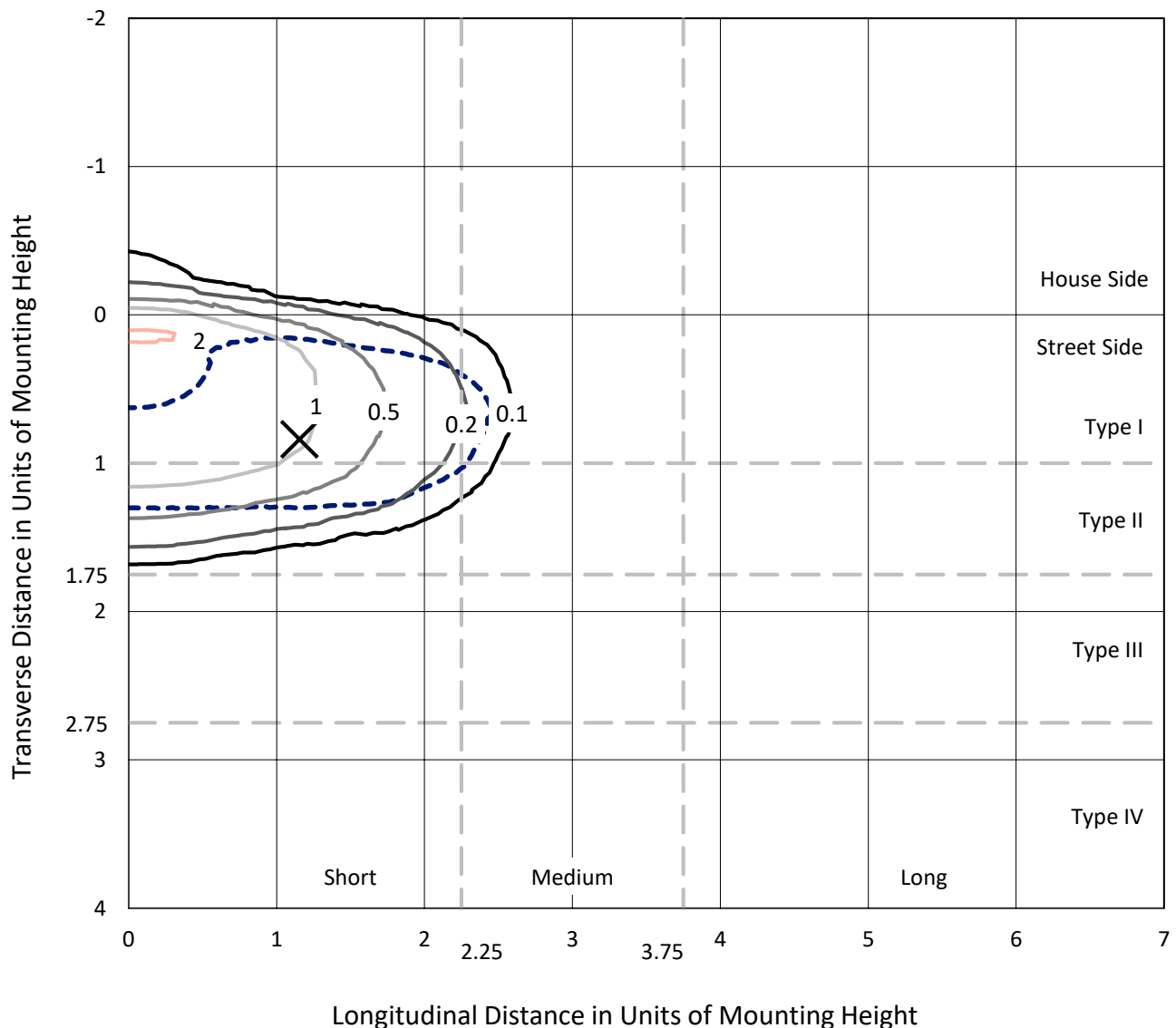
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

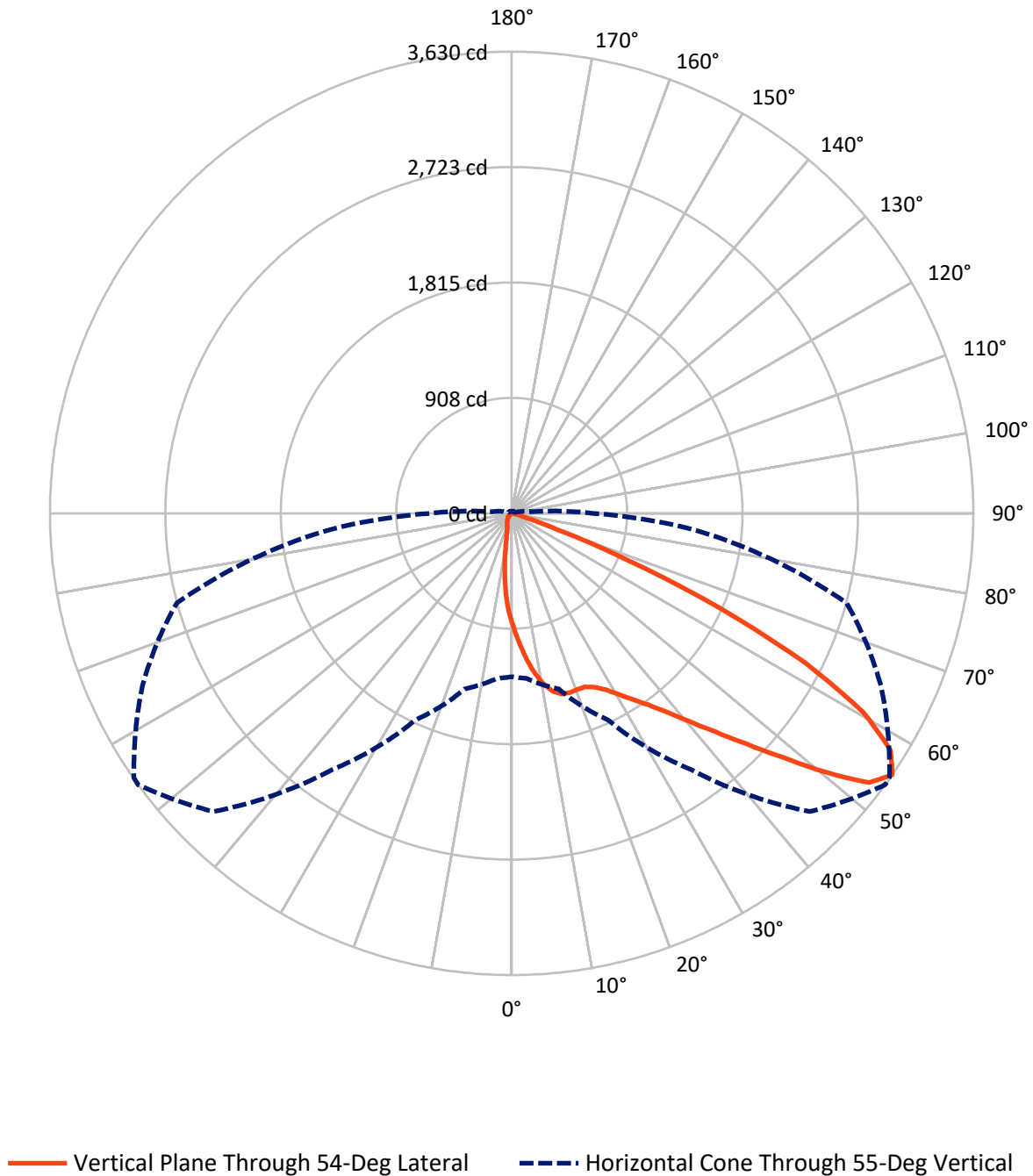
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 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	194.2	0.0	194.2
	% Fixture	5.0	0.0	5.0
Street Side	Lumens	3698.8	0.0	3698.8
	% Fixture	95.0	0.0	95.0
Total	Lumens	3893.0	0.0	3893.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.3	2.1
10°-20°	220.2	5.7
20°-30°	375.9	9.7
30°-40°	603.3	15.5
40°-50°	964.1	24.8
50°-60°	1033.1	26.5
60°-70°	530.4	13.6
70°-80°	80.3	2.1
80°-90°	5.2	0.1
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°	3893.0	100.0
0°-180°	3893.0	100.0

Coefficient of Utilization



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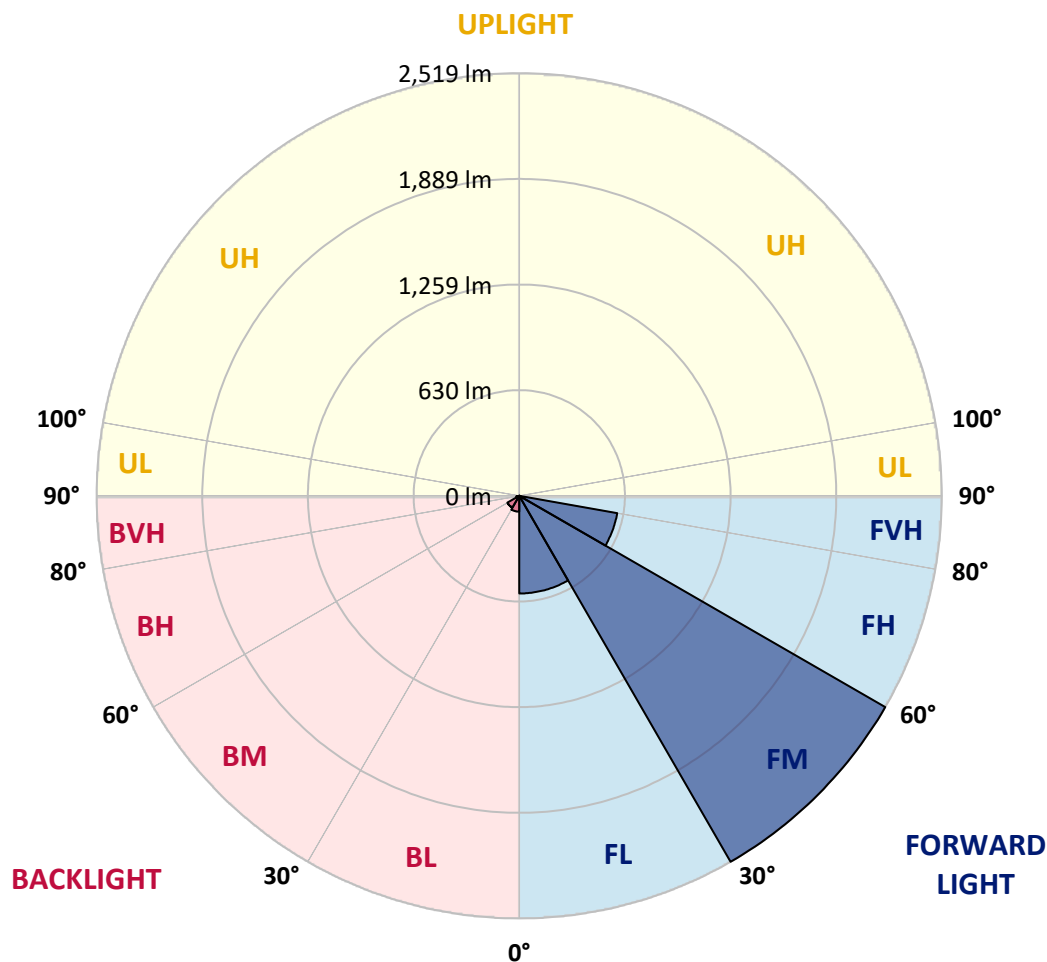
CATALOG NUMBER: GLEON-SA1B-830-U-AFL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	581.9	14.9			
FM	(30°-60°)	2518.9	64.7			
FH	(60°-80°)	592.9	15.2			G0/660
FVH	(80°-90°)	5.0	0.1			G0/10
BL	(0°-30°)	94.5	2.4	B0/110		
BM	(30°-60°)	81.6	2.1	B0/220		
BH	(60°-80°)	17.9	0.5	B0/110		G0/110
BVH	(80°-90°)	0.2	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-G0

Type II Short



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CATALOG NUMBER: GLEON-SA1B-830-U-AFL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9
2.5°	1094.1	1077.8	1078.3	1070.9	1043.9	1022.7	1000.7	995.4	961.1	925.2	890.5
5°	1283.3	1271.3	1268.5	1254.2	1216.5	1176.7	1134.0	1124.1	1057.0	983.3	910.9
7.5°	1380.4	1380.6	1378.3	1373.0	1349.5	1310.8	1258.7	1248.3	1157.0	1046.6	932.1
10°	1352.2	1358.6	1371.7	1389.0	1407.0	1402.1	1363.0	1353.5	1254.4	1113.5	955.6
12.5°	1286.3	1287.1	1301.8	1330.2	1382.0	1435.1	1435.8	1432.6	1347.3	1183.4	981.5
15°	1253.5	1256.7	1262.1	1280.4	1329.5	1414.6	1475.4	1480.0	1432.6	1257.7	1009.1
17.5°	1275.0	1279.6	1275.0	1277.2	1305.6	1382.1	1482.3	1493.9	1507.0	1331.2	1035.1
20°	1333.4	1337.6	1329.5	1320.6	1326.1	1372.7	1477.4	1493.1	1565.4	1396.4	1057.0
22.5°	1412.0	1413.7	1401.5	1386.8	1382.8	1404.7	1481.5	1497.6	1612.1	1455.4	1070.8
25°	1498.6	1500.1	1484.8	1468.0	1458.5	1467.4	1514.6	1526.7	1653.3	1511.7	1078.7
27.5°	1592.9	1594.3	1575.1	1554.4	1543.4	1543.7	1569.2	1582.2	1697.2	1576.0	1085.1
30°	1692.6	1692.0	1674.3	1645.6	1631.4	1631.1	1647.9	1661.0	1760.7	1658.3	1093.8
32.5°	1804.6	1803.3	1778.2	1742.6	1726.6	1729.0	1743.9	1751.5	1839.6	1746.1	1109.4
35°	1952.1	1948.2	1910.4	1866.1	1836.7	1835.9	1848.5	1854.5	1940.1	1852.4	1135.5
37.5°	2143.4	2139.8	2088.6	2024.3	1983.0	1967.5	1982.5	1990.2	2083.5	1988.7	1177.4
40°	2332.0	2328.5	2298.0	2239.2	2175.5	2138.3	2150.1	2158.3	2262.6	2154.1	1230.1
42.5°	2462.1	2465.2	2475.8	2480.6	2420.9	2342.9	2348.3	2356.9	2450.7	2331.0	1290.5
45°	2496.4	2503.0	2562.8	2680.4	2702.7	2641.9	2585.5	2590.2	2641.9	2507.9	1350.9
47.5°	2393.4	2405.5	2521.0	2739.5	2928.8	2971.9	2865.3	2859.1	2825.3	2650.9	1393.7
50°	2159.2	2170.3	2319.9	2643.2	2997.4	3286.9	3200.5	3182.2	2986.2	2736.5	1408.9
52.5°	1820.2	1833.7	1955.2	2339.9	2868.1	3427.5	3517.9	3502.6	3104.2	2743.2	1411.4
55°	1285.5	1301.8	1430.4	1793.3	2458.4	3315.7	3630.4	3625.9	3202.2	2725.4	1416.8
57.5°	722.4	734.2	872.9	1149.6	1800.6	2888.0	3512.9	3543.0	3261.4	2694.5	1424.8
60°	320.8	324.0	395.8	572.3	1054.1	2207.1	3176.5	3227.3	3210.6	2653.1	1438.4
62.5°	177.9	175.2	175.2	237.9	458.1	1366.3	2590.2	2674.1	2993.9	2604.2	1439.1
65°	139.4	136.9	129.6	130.6	174.5	606.4	1793.7	1942.8	2582.3	2460.8	1390.7
67.5°	118.2	116.0	108.8	105.9	108.4	200.1	985.5	1140.4	1959.5	2088.1	1204.6
70°	99.9	98.4	94.7	91.1	84.7	98.9	377.1	482.3	1207.4	1389.0	822.3
72.5°	80.4	79.7	81.0	78.0	70.3	65.9	128.9	156.2	542.4	619.9	338.8
75°	69.3	68.9	69.6	66.6	57.8	45.9	65.6	71.6	153.0	151.6	68.6
77.5°	45.1	45.6	57.7	56.3	49.8	30.6	34.0	36.7	46.4	34.8	20.8
80°	28.7	28.4	29.3	46.7	44.7	23.4	17.0	17.8	22.4	17.1	10.1
82.5°	17.5	17.1	19.2	21.9	22.5	16.3	10.4	10.6	14.0	11.1	5.4
85°	1.5	2.0	11.6	10.8	7.7	5.0	5.0	5.4	7.4	6.6	3.0
87.5°	0.0	0.0	2.0	3.0	1.7	1.8	1.8	2.0	2.9	2.9	1.5
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: P324955

CATALOG NUMBER: GLEON-SA1B-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9	871.9
2.5°	872.5	855.1	819.8	785.8	757.0	729.3	697.7	666.4	651.8	645.9	639.9
5°	874.1	838.1	765.3	692.0	616.0	547.6	489.2	429.4	399.5	386.3	380.3
7.5°	876.1	821.3	703.6	580.5	458.1	365.3	284.3	232.2	209.6	206.1	197.4
10°	876.4	800.9	632.0	457.5	307.2	220.2	169.5	142.6	132.6	131.0	128.1
12.5°	877.1	776.9	552.4	338.8	204.8	147.3	122.6	113.6	111.0	110.8	110.8
15°	879.1	751.7	469.9	244.1	147.1	116.7	107.6	104.1	103.1	103.6	103.4
17.5°	879.1	721.9	388.9	181.9	118.9	104.9	99.9	97.5	97.2	97.7	97.8
20°	872.7	685.8	314.6	141.6	105.4	97.3	92.8	90.6	89.8	90.1	90.3
22.5°	857.4	641.4	254.0	117.2	96.5	90.4	85.6	82.2	80.9	81.0	81.0
25°	833.5	588.8	198.7	101.4	89.3	83.1	77.3	73.5	72.6	72.5	72.8
27.5°	802.9	530.6	158.2	89.3	80.7	74.8	69.1	65.9	65.2	65.4	65.6
30°	772.9	470.2	124.7	79.0	71.1	65.6	61.2	59.7	59.7	60.2	60.4
32.5°	745.3	412.2	98.7	70.1	62.5	57.5	55.0	54.8	55.6	56.0	56.2
35°	721.6	358.6	81.7	63.2	55.8	51.4	50.6	51.3	52.3	53.0	53.1
37.5°	704.8	310.7	71.5	57.5	50.6	47.1	46.9	48.3	49.6	51.1	51.4
40°	697.7	270.2	64.4	52.5	46.4	43.7	43.2	45.1	47.6	49.8	50.1
42.5°	691.8	237.1	58.3	47.6	43.0	39.2	39.0	41.4	44.4	46.6	47.1
45°	686.8	210.5	52.8	42.4	38.7	33.6	34.1	37.2	39.5	41.9	42.4
47.5°	676.4	188.6	46.7	36.8	31.9	28.7	29.8	32.4	34.3	37.8	38.3
50°	657.7	170.8	40.5	30.1	26.1	24.9	26.4	28.2	30.6	33.6	34.0
52.5°	645.1	157.4	35.1	25.2	21.5	21.9	23.4	24.0	25.4	26.6	26.2
55°	637.9	150.0	30.8	21.9	18.3	19.3	19.7	18.8	18.2	17.0	16.5
57.5°	637.0	143.2	27.4	19.0	16.1	16.6	15.5	12.6	10.3	8.9	8.6
60°	635.7	135.0	24.7	16.0	14.3	13.6	11.1	6.9	4.9	4.5	4.5
62.5°	621.0	122.2	22.7	13.4	12.1	10.3	6.4	3.2	2.7	2.9	2.9
65°	574.5	104.4	20.7	10.9	9.6	7.4	3.2	1.8	1.0	1.2	1.2
67.5°	488.4	83.2	18.5	8.4	7.2	4.7	1.8	0.8	0.0	0.0	0.0
70°	327.0	51.6	15.6	5.9	4.7	2.9	1.3	0.2	0.0	0.0	0.0
72.5°	125.4	27.9	12.6	3.5	3.0	2.0	0.8	0.0	0.0	0.0	0.0
75°	28.2	18.3	8.7	2.5	2.2	1.3	0.3	0.0	0.0	0.0	0.0
77.5°	10.8	13.3	5.0	1.7	1.5	0.8	0.0	0.0	0.0	0.0	0.0
80°	5.2	7.9	2.4	1.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0
82.5°	2.7	3.0	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.5	0.2	0.2	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

REPORT NUMBER: SP1-2408-195-9

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 $\text{W}^\wedge/\text{nm}$	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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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

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



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)