

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: P322390

Luminaire Tested: **GLEON-SA6A-830-U-T3-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P322390
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-15)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA6A-830-U-T3-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16140 lumens
Efficiency: N/A
Efficacy: 83.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

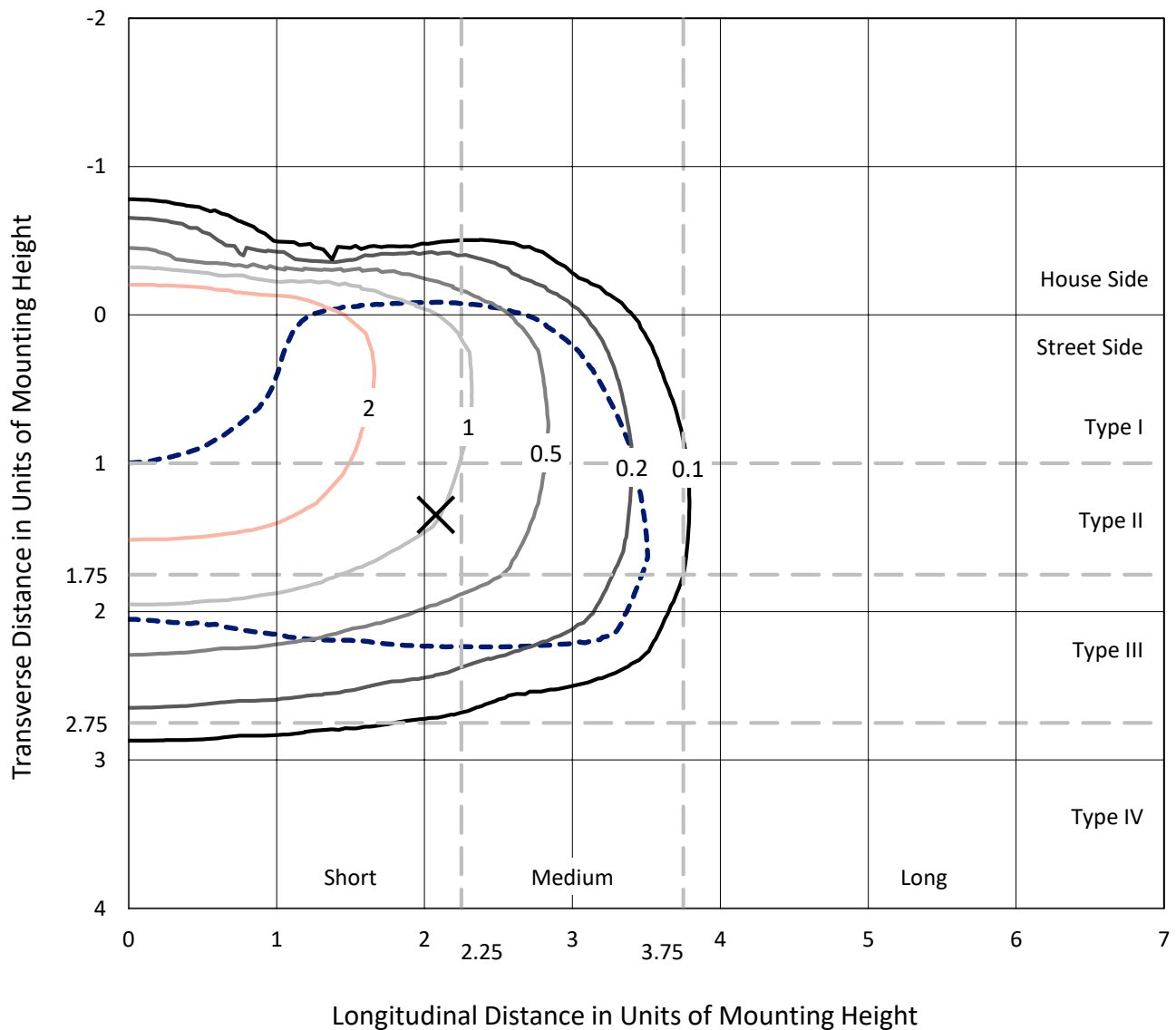
Input Watts (W): 193
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P322390
 CATALOG NUMBER: GLEON-SA6A-830-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination

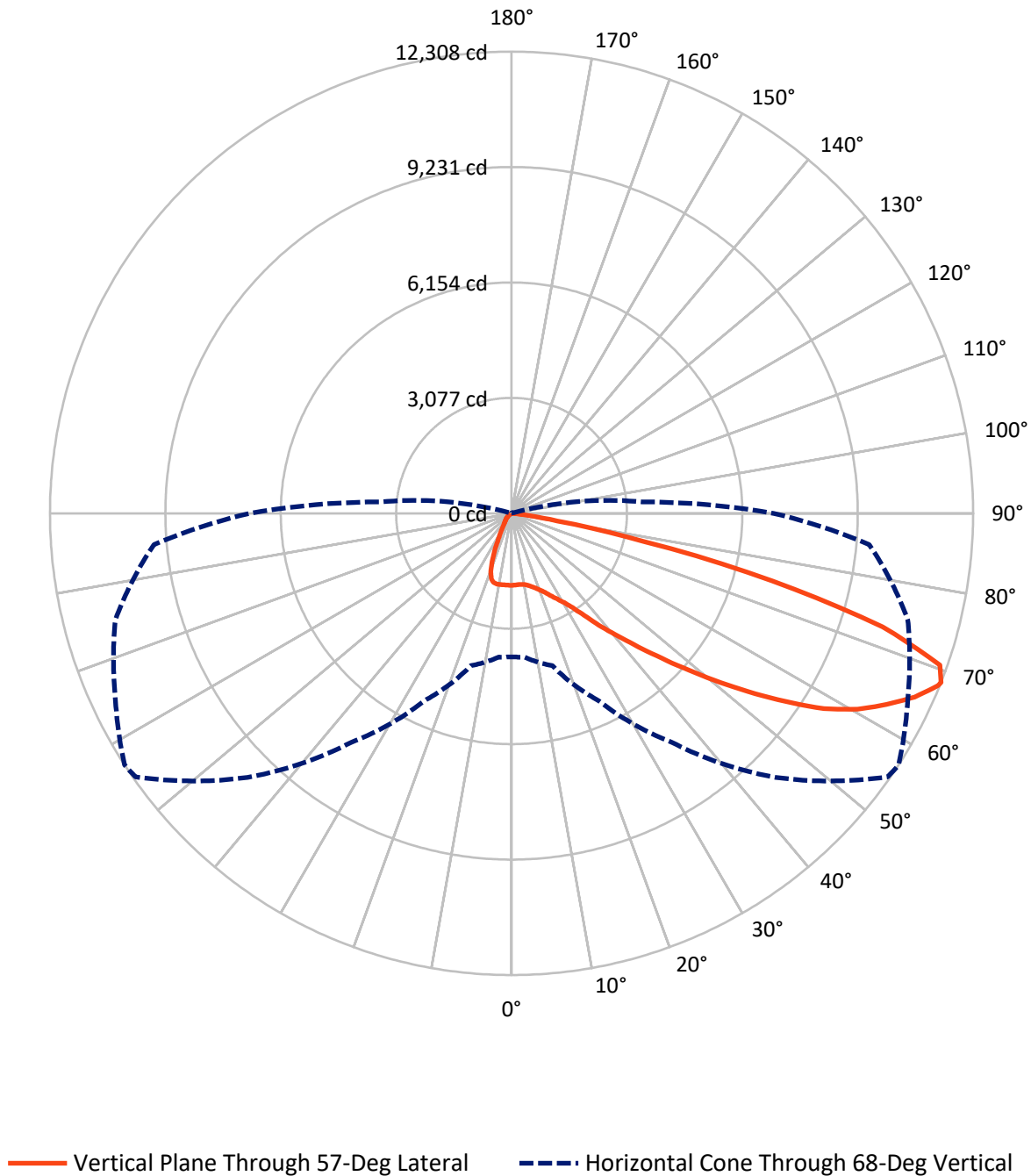
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - N/A

REPORT NUMBER: P322390
CATALOG NUMBER: GLEON-SA6A-830-U-T3-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P322390

CATALOG NUMBER: GLEON-SA6A-830-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1769.8	0.0	1769.8
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	14370.2	0.0	14370.2
	% Fixture	89.0	0.0	89.0
Total	Lumens	16140.0	0.0	16140.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.5	1.1
10°-20°	497.4	3.1
20°-30°	858.0	5.3
30°-40°	1480.9	9.2
40°-50°	2533.0	15.7
50°-60°	4052.6	25.1
60°-70°	4682.4	29.0
70°-80°	1789.2	11.1
80°-90°	67.1	0.4
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°	16140.0	100.0
0°-180°	16140.0	100.0

Coefficient of Utilization



REPORT NUMBER: P322390

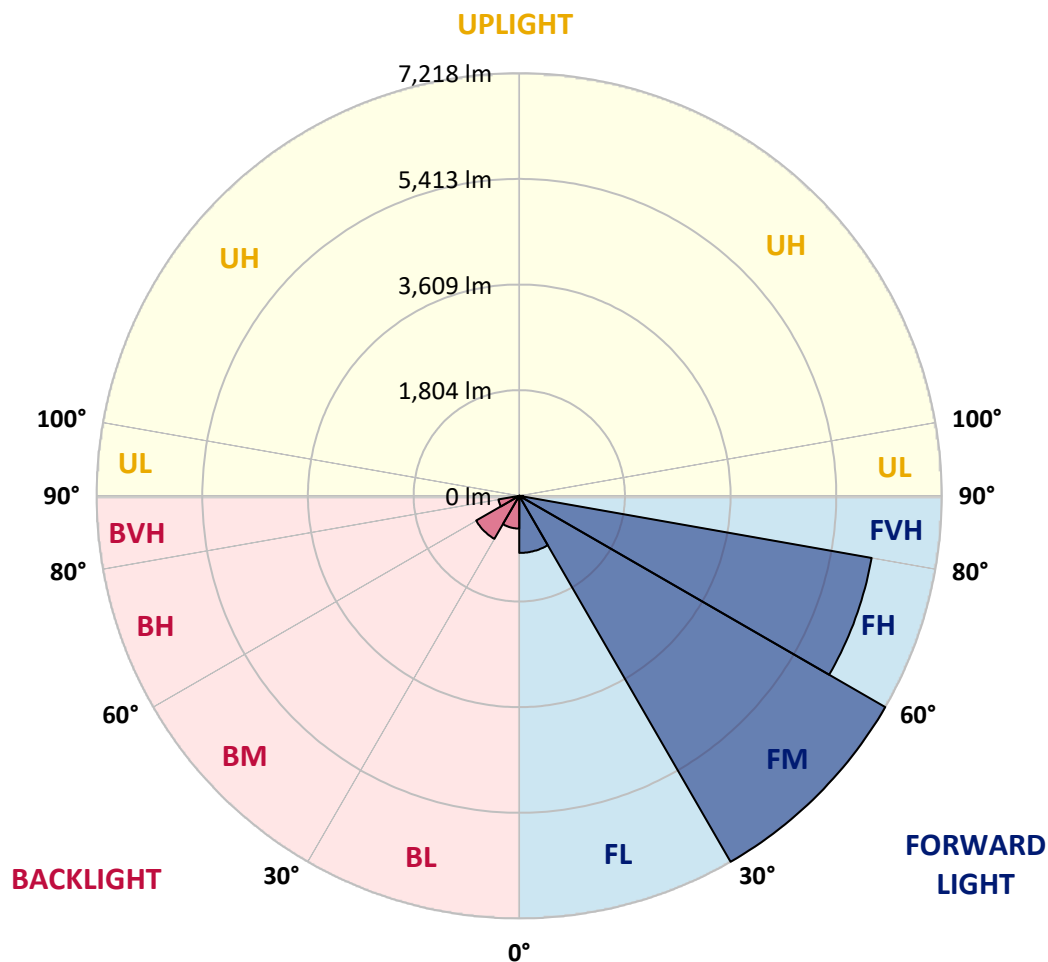
CATALOG NUMBER: GLEON-SA6A-830-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	975.5	6.0			
FM	(30°-60°)	7217.7	44.7			
FH	(60°-80°)	6111.1	37.9			G3/7500
FVH	(80°-90°)	65.8	0.4			G1/100
BL	(0°-30°)	559.3	3.5	B2/1000		
BM	(30°-60°)	848.8	5.3	B1/1000		
BH	(60°-80°)	360.4	2.2	B1/500		G1/500
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short





REPORT NUMBER: P322390

CATALOG NUMBER: GLEON-SA6A-830-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9
2.5°	1872.8	1881.2	1887.3	1891.1	1895.7	1905.6	1908.7	1913.3	1915.6	1915.6	1920.9
5°	1798.8	1808.0	1820.9	1831.6	1853.0	1880.5	1900.3	1907.9	1921.7	1933.9	1940.8
7.5°	1730.1	1740.8	1756.1	1781.2	1817.9	1862.1	1903.4	1914.0	1940.8	1966.7	1979.7
10°	1685.9	1694.2	1714.1	1750.0	1798.0	1859.9	1917.9	1930.8	1976.6	2020.1	2044.5
12.5°	1670.6	1678.2	1698.8	1739.3	1798.8	1871.3	1951.4	1970.5	2037.7	2101.0	2135.4
15°	1692.7	1694.2	1716.4	1754.5	1813.3	1899.5	2007.1	2030.0	2114.8	2197.2	2239.9
17.5°	1778.2	1771.3	1782.8	1799.6	1846.1	1936.9	2065.9	2100.3	2213.2	2310.1	2350.6
20°	1991.9	1991.9	1965.9	1920.1	1920.9	1994.9	2145.3	2184.2	2322.3	2434.5	2471.2
22.5°	2357.4	2350.6	2298.7	2186.5	2083.5	2094.9	2242.2	2292.6	2453.6	2573.4	2585.6
25°	2797.0	2788.6	2708.5	2550.5	2371.9	2256.7	2373.5	2431.5	2610.1	2716.1	2691.0
27.5°	3262.6	3255.7	3176.3	2980.2	2726.1	2514.7	2529.9	2584.9	2769.6	2874.1	2794.0
30°	3713.6	3715.9	3637.3	3435.8	3148.1	2843.6	2728.3	2760.4	2924.5	3030.6	2916.1
32.5°	4142.5	4145.6	4077.6	3852.5	3583.9	3225.9	3003.1	2994.7	3104.6	3209.1	3077.9
35°	4524.9	4532.5	4485.9	4311.2	4026.5	3651.8	3359.5	3339.7	3360.3	3478.5	3325.9
37.5°	4893.5	4898.1	4862.9	4715.7	4477.5	4119.6	3809.8	3781.5	3737.3	3828.1	3653.3
40°	5297.2	5285.7	5245.3	5111.7	4907.2	4636.3	4293.6	4244.8	4167.7	4248.6	4083.7
42.5°	5672.7	5659.7	5666.6	5515.5	5343.0	5167.5	4857.6	4773.7	4728.6	4821.7	4611.9
45°	6142.0	6135.2	6158.1	6026.8	5887.1	5759.7	5504.0	5412.4	5392.6	5501.7	5250.6
47.5°	6605.3	6622.1	6693.0	6637.3	6580.9	6468.7	6188.6	6147.4	6159.6	6291.6	5924.5
50°	6991.4	7011.3	7205.9	7270.0	7351.7	7286.0	7005.2	6980.0	7028.1	7147.1	6649.5
52.5°	7270.8	7311.2	7553.1	7848.5	8146.1	8190.4	7910.3	7887.4	7952.3	7970.6	7209.7
55°	7464.6	7500.5	7774.5	8314.8	8920.7	9111.5	8937.5	8849.0	8836.8	8655.9	7798.9
57.5°	7499.0	7495.1	7888.9	8616.2	9528.2	10020.5	9910.6	9823.6	9573.3	9289.4	8474.3
60°	7305.1	7327.2	7784.4	8720.8	9909.8	10708.1	10716.5	10603.5	10213.6	9905.2	9129.1
62.5°	6708.3	6798.4	7260.1	8446.8	9905.2	10985.1	11307.2	11221.0	10754.7	10409.7	9793.1
65°	5740.6	5772.7	6213.0	7508.1	9235.9	10869.1	11839.1	11807.1	11242.3	10899.7	10134.2
67.5°	4192.1	4122.7	4585.2	5912.3	7819.5	10193.0	12220.7	12261.2	11618.6	11000.4	9770.9
68°	3825.8	3846.4	4206.6	5517.8	7448.6	9954.1	12245.9	12307.7	11656.0	10934.8	9572.5
70°	2280.4	2320.1	2641.3	3799.1	5666.6	8602.5	11974.2	12115.4	11433.1	10257.8	8279.7
72.5°	582.3	629.6	933.4	1700.4	3236.6	6061.1	10108.2	10347.1	9926.6	8321.7	5589.5
75°	239.6	251.8	333.5	560.2	1205.8	2730.6	6662.5	7173.8	6881.5	4982.0	2526.1
77.5°	165.6	174.0	214.5	310.6	522.0	925.7	3266.4	3635.8	3275.5	1700.4	551.0
80°	119.1	125.9	153.4	206.8	299.9	330.5	1064.6	1231.0	977.6	373.2	136.6
82.5°	71.0	76.3	114.5	147.3	182.4	158.0	264.8	300.7	283.1	185.5	61.1
85°	35.1	41.2	77.1	105.3	98.4	66.4	80.9	90.1	111.4	112.9	32.8
87.5°	2.3	4.6	45.0	63.3	27.5	15.3	23.7	29.0	39.7	55.7	13.7
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: P322390

CATALOG NUMBER: GLEON-SA6A-830-U-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9	1917.9
2.5°	1923.2	1924.0	1918.6	1916.3	1917.9	1908.7	1904.9	1906.4	1906.4	1908.7	1904.9
5°	1942.3	1942.3	1933.1	1920.9	1914.0	1896.5	1885.0	1882.0	1879.7	1878.2	1875.1
7.5°	1983.5	1978.9	1962.9	1936.2	1913.3	1875.1	1846.1	1830.9	1823.2	1820.2	1817.9
10°	2049.9	2041.5	2014.8	1965.2	1912.5	1844.6	1781.2	1736.2	1698.8	1683.6	1674.4
12.5°	2139.2	2127.0	2081.9	1999.5	1907.2	1782.0	1644.6	1512.6	1389.7	1339.4	1314.2
15°	2242.2	2224.7	2153.7	2028.5	1875.9	1640.8	1342.4	1111.2	941.0	876.9	849.4
17.5°	2346.8	2323.9	2216.3	2046.8	1782.0	1348.5	941.8	711.3	597.6	567.0	556.4
20°	2452.1	2418.5	2270.4	2033.1	1569.8	972.3	621.2	519.7	486.9	477.7	474.7
22.5°	2552.1	2500.2	2319.3	1979.7	1243.2	652.5	491.5	459.4	448.7	443.4	441.9
25°	2639.1	2566.6	2362.0	1814.8	879.9	493.0	442.6	432.0	418.2	408.3	409.1
27.5°	2720.7	2633.0	2388.0	1543.1	586.9	421.3	409.8	395.3	370.1	355.6	355.6
30°	2819.2	2721.5	2407.1	1187.5	432.0	372.4	363.3	341.1	306.8	287.7	287.7
32.5°	2967.2	2855.8	2394.8	833.4	357.9	327.4	306.0	275.5	238.1	219.8	219.0
35°	3193.9	3063.4	2307.8	546.4	316.0	284.7	250.3	212.9	180.1	164.8	164.1
37.5°	3499.2	3341.2	2112.5	390.7	283.1	245.0	203.8	162.6	138.1	128.2	127.5
40°	3895.2	3664.0	1833.1	316.7	252.6	206.8	157.2	125.9	109.1	101.5	102.3
42.5°	4370.7	4009.7	1498.1	273.2	222.8	170.2	122.9	99.2	88.5	83.2	81.7
45°	4898.8	4350.9	1147.1	243.5	193.1	137.4	96.2	78.6	70.2	67.2	67.2
47.5°	5479.6	4682.8	839.5	217.5	161.0	106.1	77.1	64.1	57.2	54.9	54.2
50°	6006.9	4913.3	605.2	190.0	132.0	83.9	62.6	53.4	48.8	45.8	45.8
52.5°	6446.5	4985.8	445.7	160.3	106.8	67.2	51.9	45.8	41.2	38.9	38.9
55°	6833.5	4956.1	331.2	132.0	86.2	54.9	44.3	38.9	35.1	32.8	32.8
57.5°	7204.4	4859.9	247.3	107.6	69.4	44.3	37.4	32.8	29.0	27.5	27.5
60°	7507.3	4699.6	183.9	87.0	55.7	35.9	31.3	26.7	23.7	21.4	21.4
62.5°	7753.1	4522.6	135.1	71.7	44.3	28.2	24.4	22.1	17.6	15.3	15.3
65°	7754.6	4228.7	101.5	59.5	34.3	22.1	18.3	17.6	11.4	9.2	8.4
67.5°	7193.7	3645.7	77.8	51.1	26.7	16.8	13.7	14.5	6.1	3.8	3.1
68°	6989.9	3497.6	73.3	50.4	25.2	16.0	13.0	14.5	5.3	3.1	2.3
70°	5893.2	2782.5	58.8	48.8	22.1	12.2	10.7	14.5	4.6	2.3	1.5
72.5°	3769.3	1614.9	43.5	38.9	16.8	9.2	6.9	13.0	4.6	1.5	0.8
75°	1604.2	500.6	29.8	27.5	9.9	6.9	4.6	8.4	3.1	0.8	0.0
77.5°	338.1	112.9	17.6	16.8	6.9	4.6	3.1	2.3	0.8	0.0	0.0
80°	87.0	32.8	9.2	8.4	3.8	2.3	1.5	0.0	0.0	0.0	0.0
82.5°	27.5	13.0	5.3	3.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.7	7.6	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	2.3	0.8	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

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

REPORT NUMBER: SP1-2408-195-9

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

REPORT NUMBER: SP1-2408-195-9

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			

REPORT NUMBER: SP1-2408-195-9

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			

REPORT NUMBER: SP1-2408-195-9

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			

REPORT NUMBER: SP1-2408-195-9

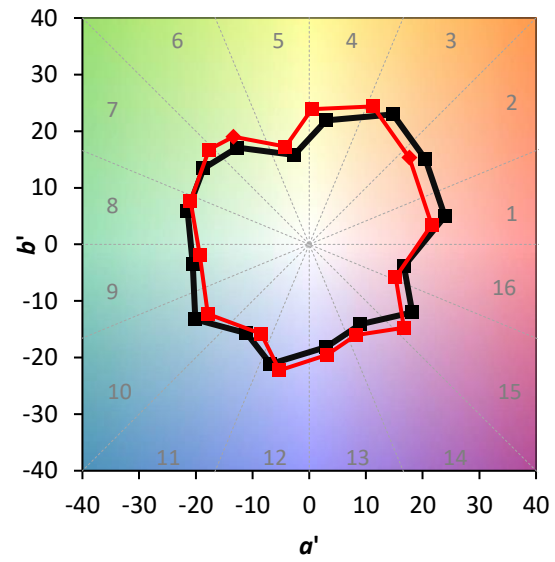
TM-30-18

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)