

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: P323040

Luminaire Tested: **GLEON-SA6B-830-U-T4W-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P323040
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-19)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA6B-830-U-T4W-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19684 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

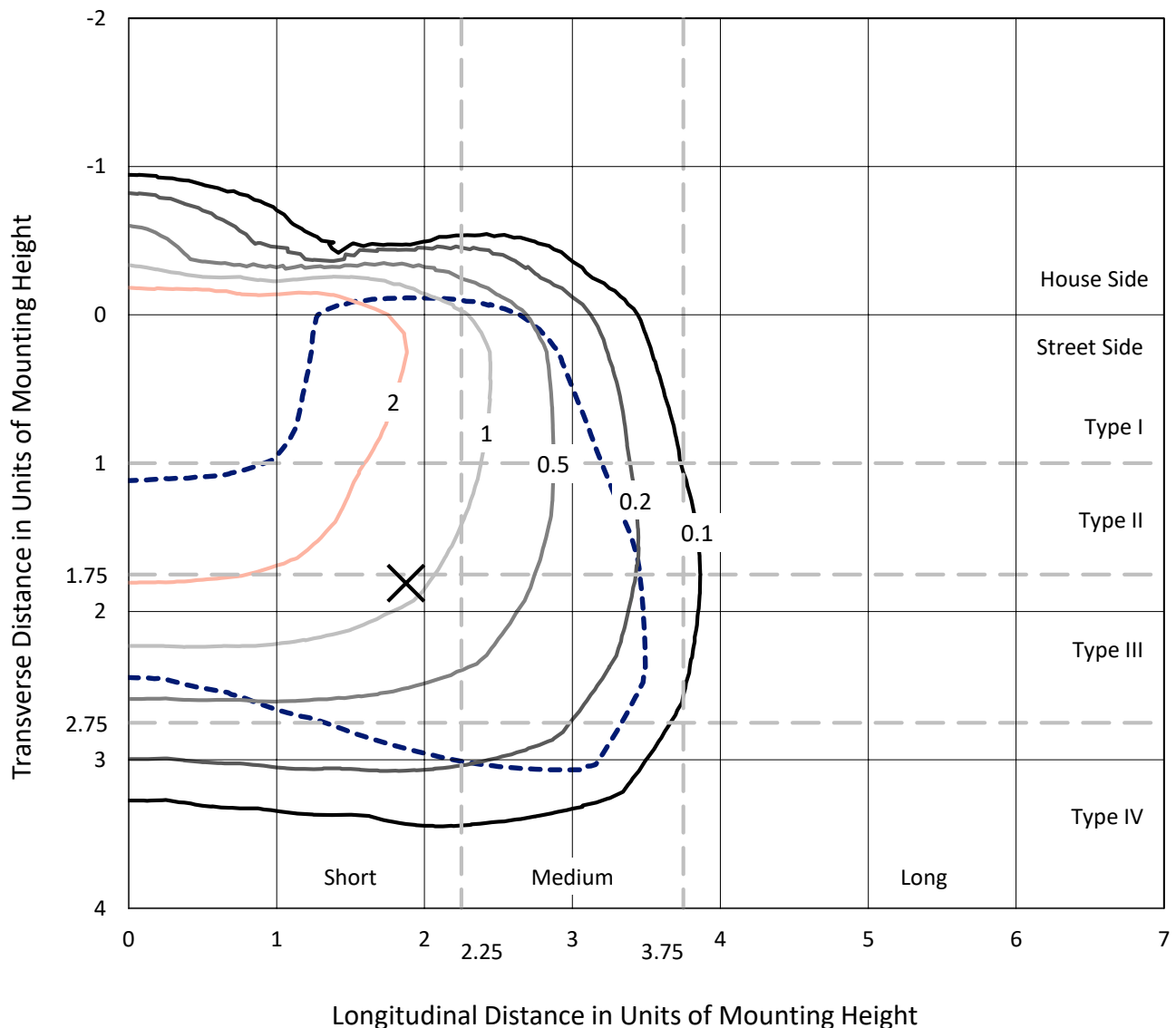
Input Watts (W): 249
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

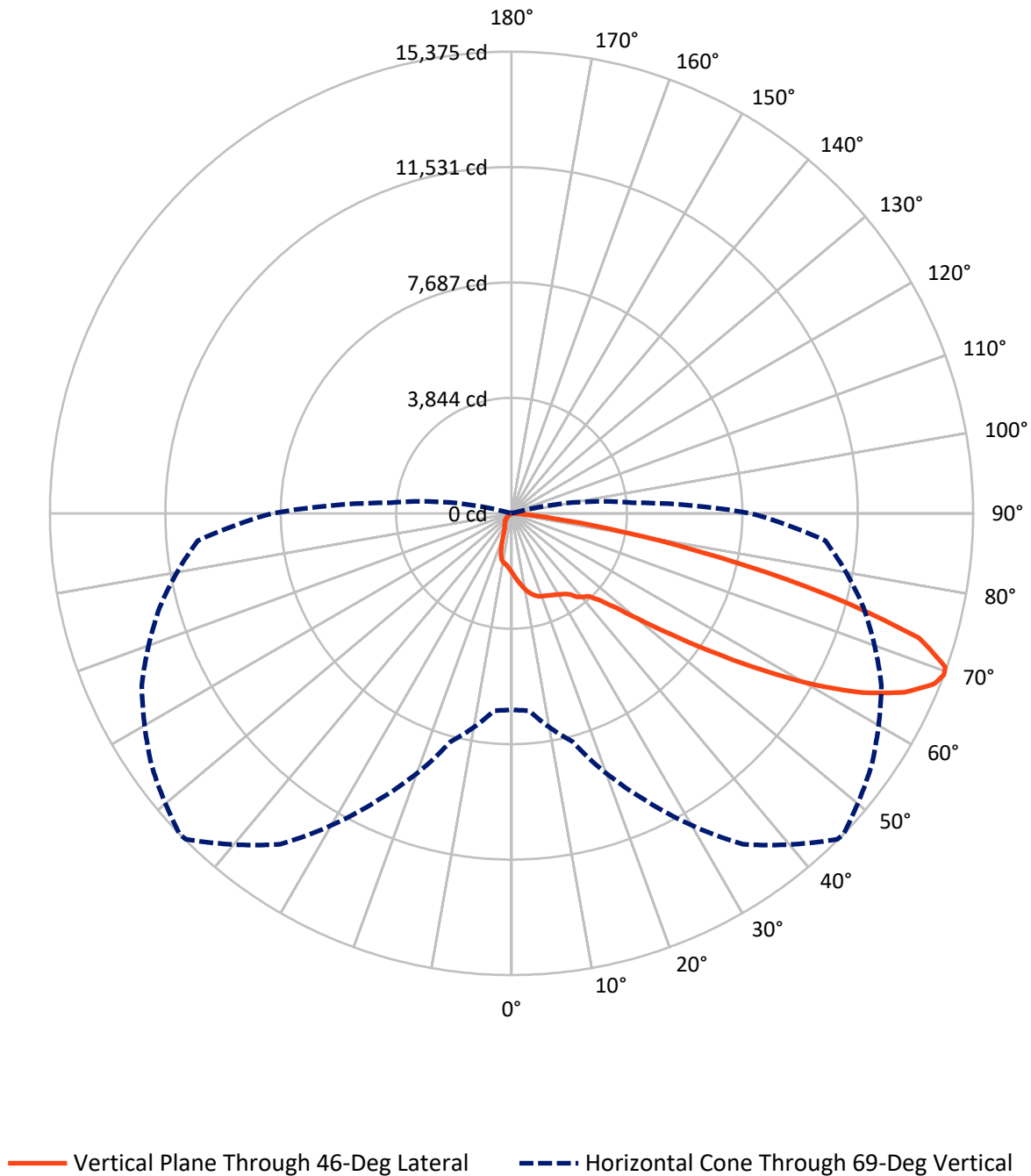
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2020.1	0.0	2020.1
	% Fixture	10.3	0.0	10.3
Street Side	Lumens	17663.9	0.0	17663.9
	% Fixture	89.7	0.0	89.7
Total	Lumens	19684.0	0.0	19684.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.3	1.0
10°-20°	595.5	3.0
20°-30°	936.6	4.8
30°-40°	1343.1	6.8
40°-50°	2321.4	11.8
50°-60°	4586.1	23.3
60°-70°	6409.5	32.6
70°-80°	3096.5	15.7
80°-90°	199.0	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°	19684.0	100.0
0°-180°	19684.0	100.0

Coefficient of Utilization



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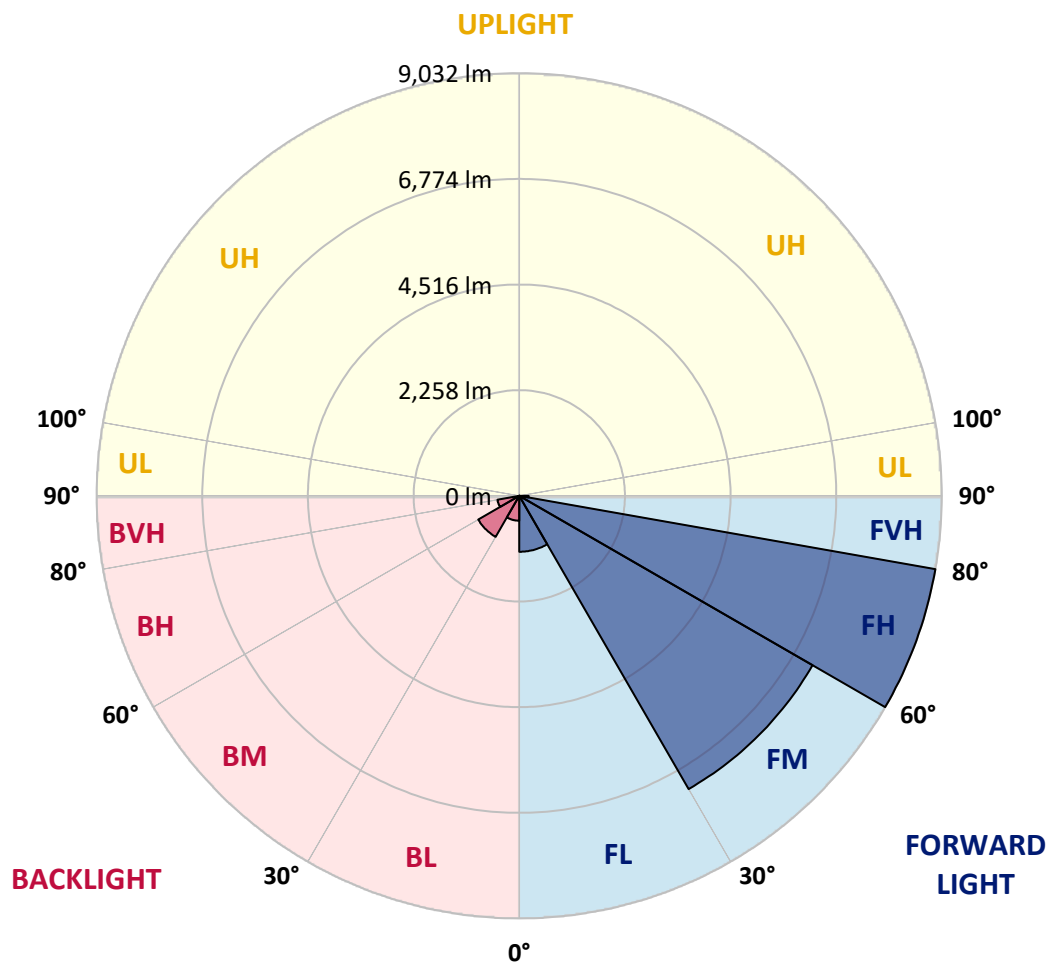
CATALOG NUMBER: GLEON-SA6B-830-U-T4W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1196.0	6.1			
FM	(30°-60°)	7238.2	36.8			
FH	(60°-80°)	9032.3	45.9			G4/12000
FVH	(80°-90°)	197.4	1.0			G2/225
BL	(0°-30°)	532.4	2.7	B2/1000		
BM	(30°-60°)	1012.3	5.1	B2/2500		
BH	(60°-80°)	473.7	2.4	B1/500		G1/500
BVH	(80°-90°)	1.7	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3
2.5°	2191.0	2188.2	2175.3	2169.8	2138.4	2119.9	2112.5	2089.5	2056.2	2023.0	1986.1
5°	2440.2	2439.3	2415.3	2392.2	2333.1	2277.7	2267.6	2214.1	2139.3	2069.2	1999.0
7.5°	2694.9	2682.9	2658.9	2614.6	2528.8	2440.2	2431.9	2356.2	2250.1	2148.5	2047.9
10°	2910.9	2903.5	2872.1	2804.7	2704.1	2603.5	2593.4	2500.2	2380.2	2255.6	2127.3
12.5°	3078.8	3073.3	3031.8	2947.8	2840.7	2736.4	2722.6	2639.5	2511.2	2371.9	2220.5
15°	3181.3	3178.5	3127.7	3038.2	2933.0	2842.6	2830.6	2757.7	2638.6	2492.8	2322.0
17.5°	3205.3	3206.2	3153.6	3063.1	2976.4	2911.8	2902.6	2847.2	2747.5	2602.6	2423.6
20°	3151.7	3162.8	3115.8	3037.3	2983.8	2949.6	2942.2	2909.0	2825.0	2688.4	2504.8
22.5°	3076.1	3081.6	3049.3	2996.7	2974.5	2981.0	2977.3	2958.9	2887.8	2762.3	2585.1
25°	3029.9	3029.9	3010.5	2966.2	2981.0	3020.7	3021.6	3017.9	2961.6	2852.7	2682.9
27.5°	3028.1	3022.5	3000.4	2967.2	3007.8	3068.7	3072.4	3097.3	3062.2	2962.5	2804.7
30°	3101.9	3095.4	3048.4	3005.0	3056.7	3122.2	3131.4	3185.9	3168.4	3081.6	2940.4
32.5°	3274.5	3251.4	3147.1	3076.1	3114.8	3193.3	3205.3	3292.0	3319.7	3228.3	3071.5
35°	3510.8	3437.8	3287.4	3210.8	3214.5	3296.6	3307.7	3435.1	3517.2	3363.1	3173.0
37.5°	3836.5	3800.6	3556.0	3351.1	3367.7	3492.3	3524.6	3663.0	3640.0	3436.9	3288.3
40°	4550.9	4494.6	4234.3	3744.3	3514.4	3651.0	3661.2	3735.0	3736.9	3604.0	3528.3
42.5°	5523.6	5500.6	5226.5	4457.7	3803.3	3757.2	3775.6	3900.2	4039.6	3956.5	3952.8
45°	6600.7	6588.7	6298.0	5404.6	4387.5	4105.1	4128.2	4295.2	4562.0	4580.4	4697.6
47.5°	7467.3	7461.7	7294.7	6461.3	5281.8	4694.9	4702.2	4879.4	5348.3	5579.9	5767.3
50°	8257.3	8284.1	8152.1	7604.8	6500.1	5618.7	5601.2	5719.3	6472.4	6851.7	7084.3
52.5°	9355.6	9393.4	9023.3	8671.7	7778.3	6764.9	6751.1	6874.8	7823.5	8107.8	8149.3
55°	10325.5	10260.9	9968.4	9866.9	9337.1	8180.7	8177.0	8285.9	9130.4	9251.3	9327.9
57.5°	10753.8	10728.9	10870.1	11102.6	10969.7	9853.9	9845.6	9762.6	10299.7	10312.6	10548.0
60°	11024.2	11054.6	11487.5	12204.6	12535.9	11654.5	11601.0	11094.3	11416.4	11387.8	11639.8
62.5°	10821.1	10881.1	11660.1	12855.2	13708.0	13226.3	13150.6	12314.4	12370.7	12272.0	12506.4
65°	9743.2	9836.4	11112.8	12732.5	14289.4	14454.6	14378.0	13391.5	13128.4	12966.0	12835.9
67.5°	7911.2	7966.6	9299.3	11664.7	14027.3	15187.4	15171.8	14335.6	13700.6	12848.8	11839.1
69°	6537.9	6592.4	7875.2	10540.6	13450.5	15344.3	15374.8	14638.3	13591.7	12136.3	10489.8
70°	5537.5	5595.6	6790.8	9577.1	12781.4	15271.4	15325.9	14609.7	13279.8	11311.2	9305.7
72.5°	2904.4	2954.2	4180.8	6597.9	10419.7	14022.7	14187.9	13374.8	11256.8	8214.8	5502.4
75°	912.8	941.4	1632.6	3448.9	7134.1	10903.3	10941.1	10491.7	7993.3	4518.6	2291.6
77.5°	347.9	339.6	543.6	1270.9	3606.7	6865.5	7097.2	6556.4	4194.6	1597.6	528.8
80°	187.4	188.3	282.4	526.1	1543.1	3528.3	3724.0	3177.6	1490.5	498.4	121.8
82.5°	81.2	84.9	158.7	278.7	708.8	1301.3	1399.1	1164.7	569.4	335.0	45.2
85°	17.5	19.4	76.6	151.4	288.9	365.5	383.0	377.5	362.7	260.3	17.5
87.5°	0.0	0.0	34.1	54.5	72.9	83.1	72.9	95.1	200.3	175.4	9.2
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: GLEON-SA6B-830-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3	1972.3
2.5°	1974.1	1957.5	1928.9	1897.5	1875.4	1852.3	1833.8	1825.5	1816.3	1809.8	1818.1
5°	1970.4	1938.1	1882.7	1829.2	1790.4	1759.1	1733.2	1723.1	1712.9	1705.5	1704.6
7.5°	2002.7	1957.5	1872.6	1794.1	1734.2	1691.7	1656.6	1641.9	1629.9	1624.3	1619.7
10°	2064.6	2006.4	1892.9	1790.4	1712.9	1640.9	1565.3	1507.1	1469.3	1451.7	1445.3
12.5°	2144.8	2071.9	1931.7	1809.8	1697.2	1558.8	1398.2	1259.8	1170.3	1140.7	1123.2
15°	2239.0	2148.5	1982.4	1834.7	1640.0	1387.1	1114.9	934.0	850.9	834.3	815.9
17.5°	2329.4	2229.8	2043.3	1839.4	1514.5	1108.4	816.8	694.0	661.7	672.8	675.6
20°	2408.8	2310.0	2103.3	1798.8	1286.5	831.5	632.2	601.7	613.7	635.0	638.7
22.5°	2489.1	2387.6	2158.7	1691.7	994.9	631.3	569.4	576.8	588.8	610.0	613.7
25°	2586.9	2481.7	2210.4	1495.1	746.6	537.1	540.8	551.9	563.9	583.3	585.1
27.5°	2699.5	2600.8	2244.5	1239.5	553.7	493.8	505.8	522.4	534.4	552.8	556.5
30°	2849.0	2757.7	2255.6	974.6	464.2	455.0	460.5	480.8	498.4	515.0	517.8
32.5°	2989.3	2912.7	2218.7	735.6	430.1	419.0	419.0	431.0	451.3	467.0	470.7
35°	3118.5	3068.7	2100.5	538.1	404.2	385.8	376.5	376.5	389.5	402.4	406.1
37.5°	3289.3	3287.4	1909.5	429.2	379.3	358.1	338.7	323.9	319.3	322.1	323.9
40°	3581.8	3584.6	1660.3	384.9	358.1	329.5	299.9	273.2	248.3	240.0	239.0
42.5°	4038.7	3997.1	1399.1	363.6	339.6	299.9	255.6	219.7	180.9	168.9	168.0
45°	4764.1	4517.7	1122.3	344.2	320.3	266.7	211.3	162.4	131.1	121.8	121.8
47.5°	5820.8	5201.5	869.4	323.0	294.4	228.9	159.7	117.2	96.0	91.4	92.3
50°	6913.5	5871.6	666.3	296.3	263.0	189.2	118.1	84.9	72.9	72.9	73.8
52.5°	7882.6	6362.6	519.6	267.6	224.3	148.6	89.5	66.4	60.9	60.0	60.9
55°	8789.8	6679.1	397.8	234.4	178.1	110.7	68.3	54.5	50.8	48.9	48.0
57.5°	9664.7	6836.0	298.1	189.2	129.2	80.3	54.5	46.1	42.5	39.7	38.8
60°	10247.1	6708.6	204.9	139.4	89.5	58.1	45.2	39.7	35.1	32.3	31.4
62.5°	10575.7	6360.7	132.0	100.6	63.7	43.4	36.0	33.2	26.8	24.0	24.0
65°	10442.8	5786.7	92.3	72.0	46.1	32.3	26.8	26.8	19.4	15.7	14.8
67.5°	9254.0	4888.7	70.1	53.5	33.2	24.0	20.3	23.1	12.0	7.4	7.4
69°	7962.0	4051.6	60.0	44.3	27.7	19.4	17.5	21.2	8.3	5.5	4.6
70°	6920.0	3495.1	54.5	38.8	23.1	16.6	15.7	20.3	8.3	4.6	3.7
72.5°	4140.2	1949.2	41.5	27.7	14.8	12.9	12.9	23.1	8.3	4.6	3.7
75°	1673.2	686.6	30.5	19.4	11.1	11.1	15.7	29.5	7.4	3.7	2.8
77.5°	379.3	150.4	17.5	12.0	7.4	11.1	18.5	23.1	4.6	1.8	0.0
80°	92.3	36.9	11.1	7.4	4.6	8.3	13.8	12.9	0.9	0.0	0.0
82.5°	30.5	12.9	4.6	3.7	0.9	2.8	6.5	3.7	0.0	0.0	0.0
85°	12.9	7.4	1.8	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0
87.5°	8.3	2.8	0.0	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 [^] /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	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)