

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: P324947

Luminaire Tested: **GLEON-SA3A-830-U-AFL-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324947
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-SA3A-830-U-AFL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND AUTOMOTIVE
FRONTLINE OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9254 lumens
Efficiency: N/A
Efficacy: 96.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

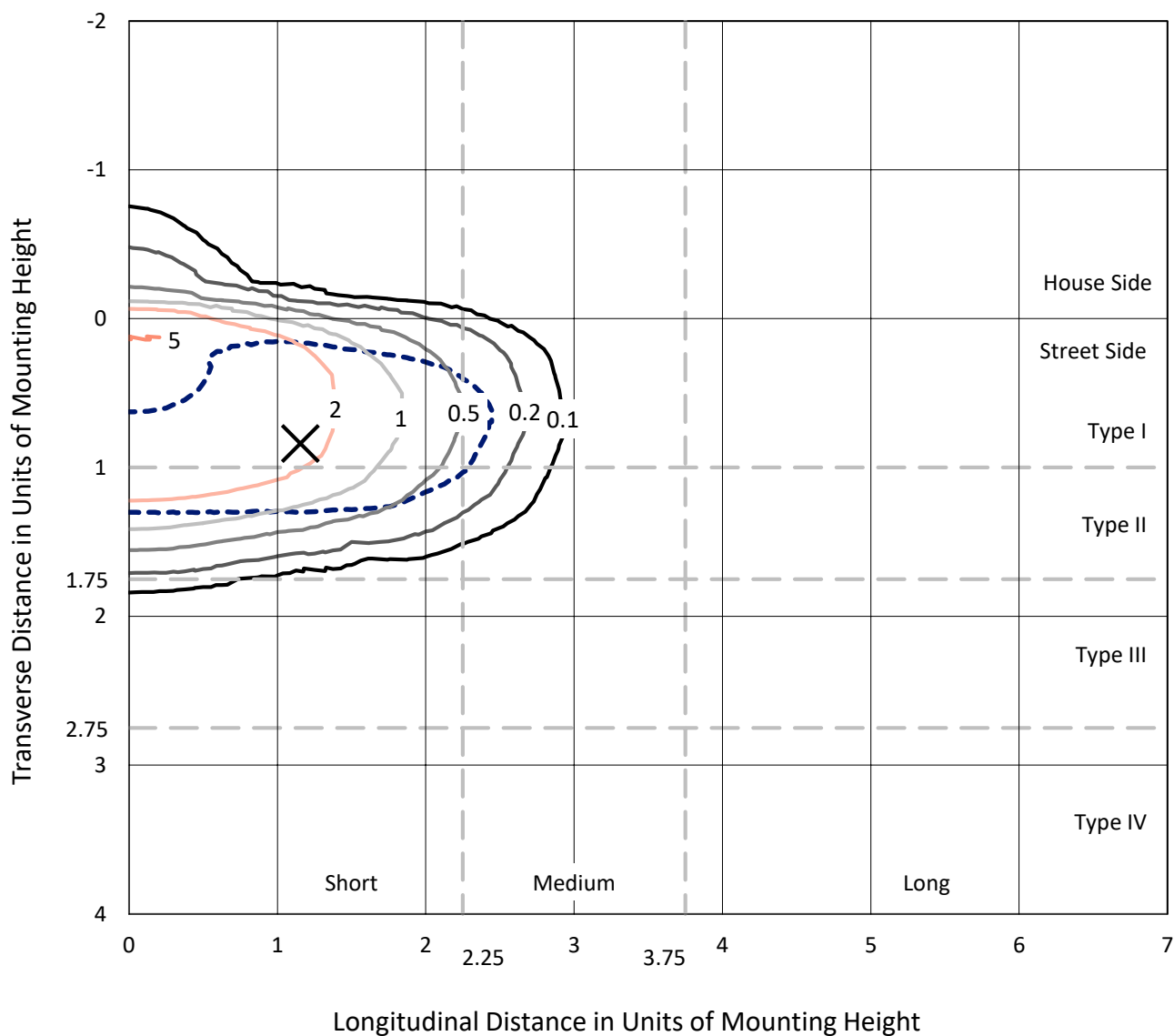
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

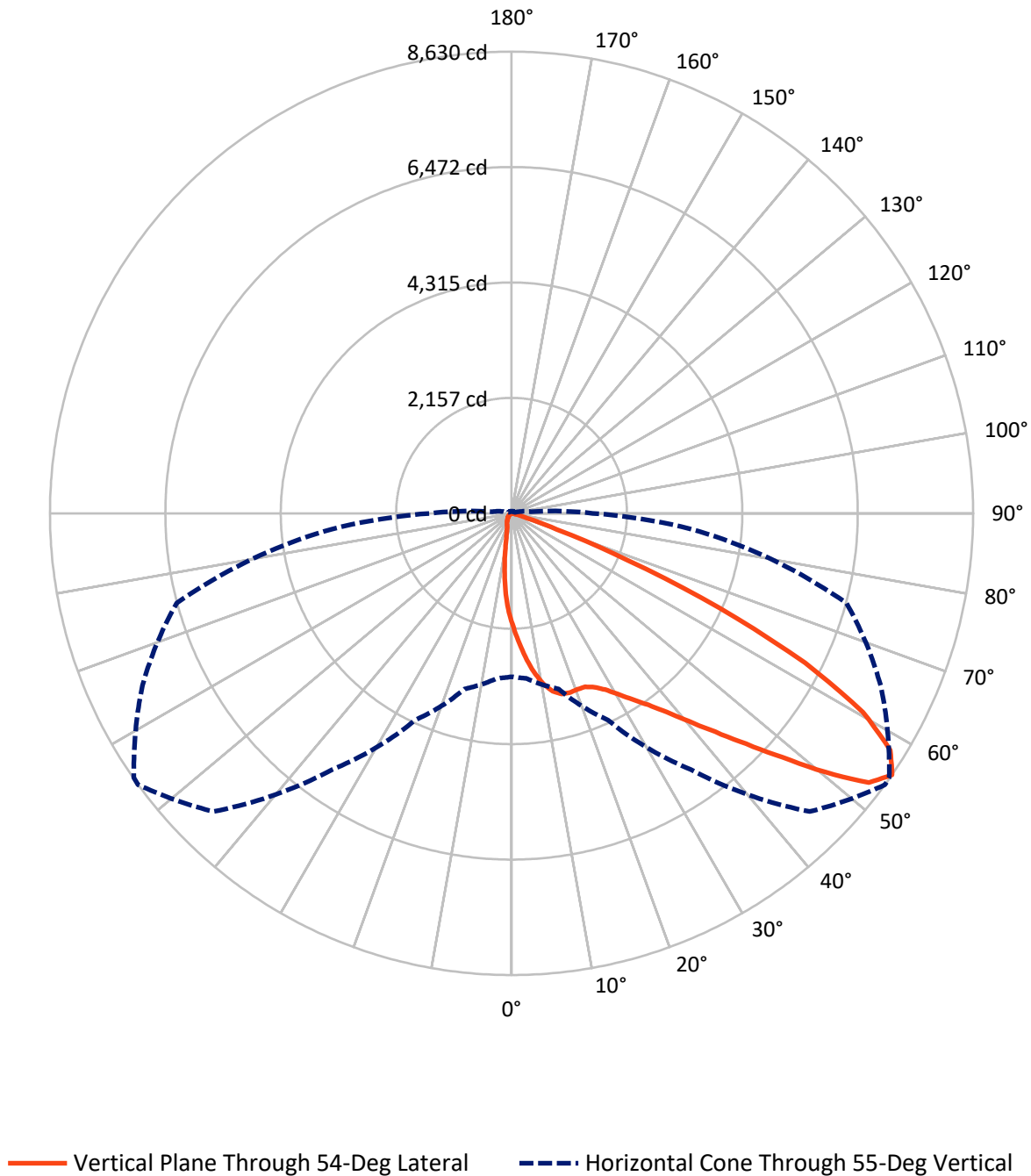
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 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	461.7	0.0	461.7
	% Fixture	5.0	0.0	5.0
Street Side	Lumens	8792.3	0.0	8792.3
	% Fixture	95.0	0.0	95.0
Total	Lumens	9254.0	0.0	9254.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.9	2.1
10°-20°	523.4	5.7
20°-30°	893.7	9.7
30°-40°	1434.2	15.5
40°-50°	2291.8	24.8
50°-60°	2455.8	26.5
60°-70°	1260.9	13.6
70°-80°	191.0	2.1
80°-90°	12.4	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°	9254.0	100.0
0°-180°	9254.0	100.0

Coefficient of Utilization



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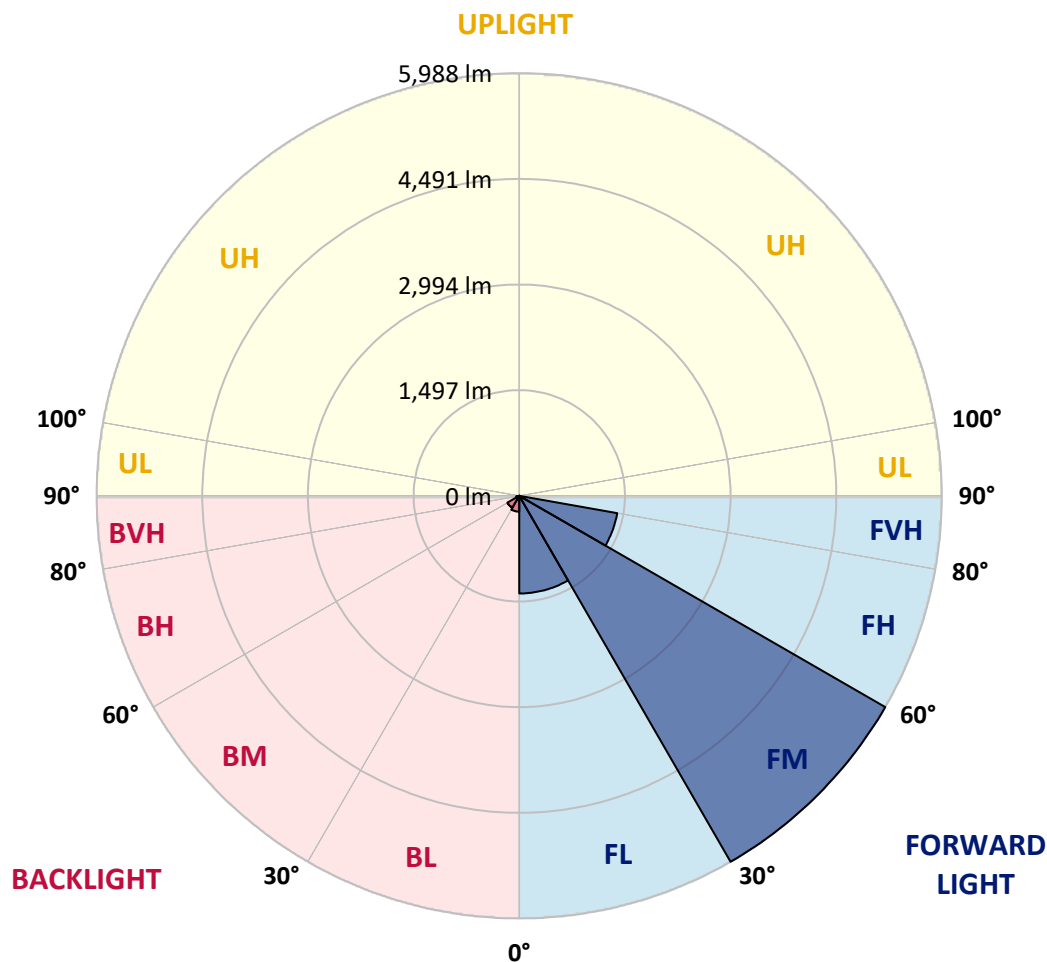
CATALOG NUMBER: GLEON-SA3A-830-U-AFL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1383.3	14.9			
FM	(30°-60°)	5987.7	64.7			
FH	(60°-80°)	1409.3	15.2			G1/1800
FVH	(80°-90°)	11.9	0.1			G1/100
BL	(0°-30°)	224.6	2.4	B1/500		
BM	(30°-60°)	194.0	2.1	B0/220		
BH	(60°-80°)	42.6	0.5	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1

Type II Short



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CATALOG NUMBER: GLEON-SA3A-830-U-AFL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5
2.5°	2600.8	2562.1	2563.3	2545.7	2481.4	2431.0	2378.6	2366.3	2284.7	2199.2	2116.9
5°	3050.4	3022.1	3015.3	2981.3	2891.8	2797.1	2695.6	2672.0	2512.5	2337.5	2165.2
7.5°	3281.4	3281.8	3276.2	3263.8	3207.9	3116.0	2992.1	2967.3	2750.3	2487.7	2215.6
10°	3214.3	3229.5	3260.6	3301.8	3344.6	3333.0	3239.9	3217.5	2981.7	2646.8	2271.5
12.5°	3057.6	3059.6	3094.4	3161.9	3285.0	3411.3	3412.9	3405.3	3202.7	2813.1	2333.1
15°	2979.7	2987.3	3000.1	3043.6	3160.3	3362.6	3507.2	3518.0	3405.3	2989.7	2398.6
17.5°	3030.9	3041.6	3030.9	3036.1	3103.6	3285.4	3523.6	3551.2	3582.4	3164.3	2460.6
20°	3169.5	3179.5	3160.3	3139.2	3152.3	3263.0	3512.0	3549.2	3721.0	3319.4	2512.5
22.5°	3356.6	3360.6	3331.4	3296.6	3287.0	3339.0	3521.6	3560.0	3832.1	3459.7	2545.3
25°	3562.4	3566.0	3529.6	3489.6	3466.9	3488.0	3600.3	3629.1	3930.0	3593.5	2564.1
27.5°	3786.6	3789.8	3744.2	3695.1	3668.7	3669.5	3730.2	3761.0	4034.3	3746.2	2579.3
30°	4023.6	4022.0	3980.0	3911.7	3878.1	3877.3	3917.3	3948.4	4185.4	3942.0	2600.0
32.5°	4289.7	4286.5	4227.0	4142.3	4104.3	4109.9	4145.4	4163.4	4372.8	4150.6	2637.2
35°	4640.2	4631.0	4541.1	4436.0	4366.0	4364.1	4394.0	4408.4	4611.8	4403.2	2699.2
37.5°	5095.0	5086.6	4964.7	4812.0	4713.7	4677.0	4712.5	4730.9	4952.7	4727.3	2798.7
40°	5543.4	5535.0	5462.7	5322.8	5171.3	5083.0	5111.0	5130.6	5378.3	5120.6	2924.2
42.5°	5852.7	5859.9	5885.1	5896.7	5754.8	5569.4	5582.1	5602.5	5825.5	5541.0	3067.6
45°	5934.2	5949.8	6092.1	6371.4	6424.6	6279.9	6146.0	6157.2	6279.9	5961.4	3211.1
47.5°	5689.3	5718.0	5992.6	6512.1	6962.1	7064.4	6811.0	6796.3	6715.9	6301.5	3313.0
50°	5132.6	5158.9	5514.6	6283.1	7125.2	7813.3	7607.9	7564.4	7098.4	6504.9	3349.0
52.5°	4326.9	4358.9	4647.8	5562.2	6817.8	8147.4	8362.4	8326.1	7378.9	6520.9	3355.0
55°	3055.6	3094.4	3400.1	4262.9	5843.9	7881.7	8629.8	8619.0	7611.9	6478.5	3367.8
57.5°	1717.2	1745.2	2074.9	2732.7	4280.1	6865.0	8350.4	8422.0	7752.6	6405.0	3386.9
60°	762.5	770.1	940.7	1360.4	2505.7	5246.5	7550.8	7671.5	7631.9	6306.7	3419.3
62.5°	422.8	416.4	416.4	565.5	1089.0	3247.9	6157.2	6356.6	7116.8	6190.4	3420.9
65°	331.3	325.3	308.1	310.5	414.8	1441.5	4263.7	4618.2	6138.4	5849.5	3305.8
67.5°	280.9	275.8	258.6	251.8	257.8	475.6	2342.7	2710.7	4657.8	4963.5	2863.4
70°	237.4	233.8	225.0	216.6	201.4	235.0	896.4	1146.6	2870.2	3301.8	1954.6
72.5°	191.0	189.4	192.6	185.4	167.0	156.7	306.5	371.3	1289.2	1473.5	805.3
75°	164.7	163.9	165.5	158.3	137.5	109.1	155.9	170.2	363.7	360.5	163.1
77.5°	107.1	108.3	137.1	133.9	118.3	72.7	80.7	87.1	110.3	82.7	49.6
80°	68.3	67.5	69.5	111.1	106.3	55.5	40.4	42.4	53.2	40.8	24.0
82.5°	41.6	40.8	45.6	52.0	53.6	38.8	24.8	25.2	33.2	26.4	12.8
85°	3.6	4.8	27.6	25.6	18.4	12.0	12.0	12.8	17.6	15.6	7.2
87.5°	0.0	0.0	4.8	7.2	4.0	4.4	4.4	4.8	6.8	6.8	3.6
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-SA3A-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5	2072.5
2.5°	2074.1	2032.6	1948.6	1867.9	1799.6	1733.6	1658.5	1584.2	1549.4	1535.4	1521.0
5°	2077.7	1992.2	1819.2	1644.9	1464.3	1301.6	1162.9	1020.7	949.5	918.4	904.0
7.5°	2082.5	1952.2	1672.5	1380.0	1089.0	868.4	675.8	551.9	498.3	490.0	469.2
10°	2083.3	1903.9	1502.2	1087.4	730.1	523.5	402.8	338.9	315.3	311.3	304.5
12.5°	2084.9	1846.7	1313.2	805.3	486.8	350.1	291.3	270.2	263.8	263.4	263.4
15°	2089.7	1786.8	1117.0	580.3	349.7	277.3	255.8	247.4	245.0	246.2	245.8
17.5°	2089.7	1716.0	924.4	432.4	282.5	249.4	237.4	231.8	231.0	232.2	232.6
20°	2074.5	1630.1	747.7	336.5	250.6	231.4	220.6	215.4	213.4	214.2	214.6
22.5°	2038.2	1524.6	603.9	278.5	229.4	215.0	203.4	195.4	192.2	192.6	192.6
25°	1981.4	1399.5	472.4	241.0	212.2	197.4	183.8	174.6	172.6	172.2	173.0
27.5°	1908.7	1261.3	376.1	212.2	191.8	177.8	164.3	156.7	155.1	155.5	155.9
30°	1837.1	1117.8	296.5	187.8	169.0	155.9	145.5	141.9	141.9	143.1	143.5
32.5°	1771.6	979.9	234.6	166.6	148.7	136.7	130.7	130.3	132.3	133.1	133.5
35°	1715.2	852.4	194.2	150.3	132.7	122.3	120.3	121.9	124.3	125.9	126.3
37.5°	1675.3	738.5	169.8	136.7	120.3	111.9	111.5	114.7	117.9	121.5	122.3
40°	1658.5	642.2	153.1	124.7	110.3	103.9	102.7	107.1	113.1	118.3	119.1
42.5°	1644.5	563.5	138.7	113.1	102.3	93.1	92.7	98.3	105.5	110.7	111.9
45°	1632.5	500.3	125.5	100.7	91.9	79.9	81.1	88.3	93.9	99.5	100.7
47.5°	1607.7	448.4	111.1	87.5	75.9	68.3	70.7	77.1	81.5	89.9	91.1
50°	1563.4	406.0	96.3	71.5	61.9	59.1	62.7	67.1	72.7	79.9	80.7
52.5°	1533.4	374.1	83.5	59.9	51.2	52.0	55.5	57.1	60.3	63.1	62.3
55°	1516.2	356.5	73.1	52.0	43.6	46.0	46.8	44.8	43.2	40.4	39.2
57.5°	1514.2	340.5	65.1	45.2	38.4	39.6	36.8	30.0	24.4	21.2	20.4
60°	1511.0	320.9	58.7	38.0	34.0	32.4	26.4	16.4	11.6	10.8	10.8
62.5°	1476.3	290.5	54.0	32.0	28.8	24.4	15.2	7.6	6.4	6.8	6.8
65°	1365.6	248.2	49.2	26.0	22.8	17.6	7.6	4.4	2.4	2.8	2.8
67.5°	1160.9	197.8	44.0	20.0	17.2	11.2	4.4	2.0	0.0	0.0	0.0
70°	777.3	122.7	37.2	14.0	11.2	6.8	3.2	0.4	0.0	0.0	0.0
72.5°	298.1	66.3	30.0	8.4	7.2	4.8	2.0	0.0	0.0	0.0	0.0
75°	67.1	43.6	20.8	6.0	5.2	3.2	0.8	0.0	0.0	0.0	0.0
77.5°	25.6	31.6	12.0	4.0	3.6	2.0	0.0	0.0	0.0	0.0	0.0
80°	12.4	18.8	5.6	2.4	2.0	0.8	0.0	0.0	0.0	0.0	0.0
82.5°	6.4	7.2	2.4	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.6	3.6	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.2	0.4	0.4	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

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



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)