

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: P323670

Luminaire Tested: **GLEON-SA6A-830-U-SL3-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P323670
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-SA6A-830-U-SL3-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 615mA 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: 18922 lumens
Efficiency: N/A
Efficacy: 98.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

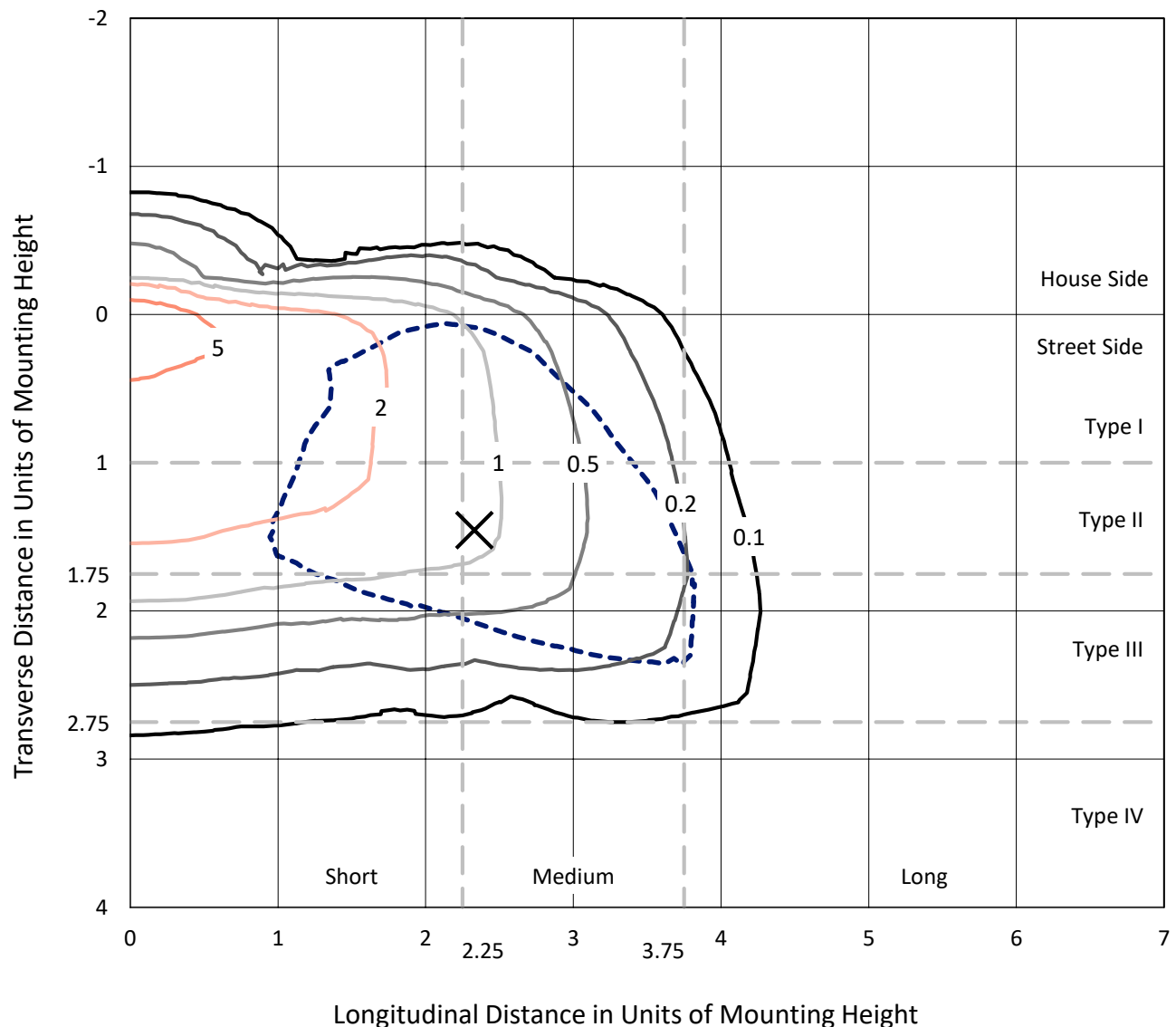
Input Watts (W): 193
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P323670
 CATALOG NUMBER: GLEON-SA6A-830-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination

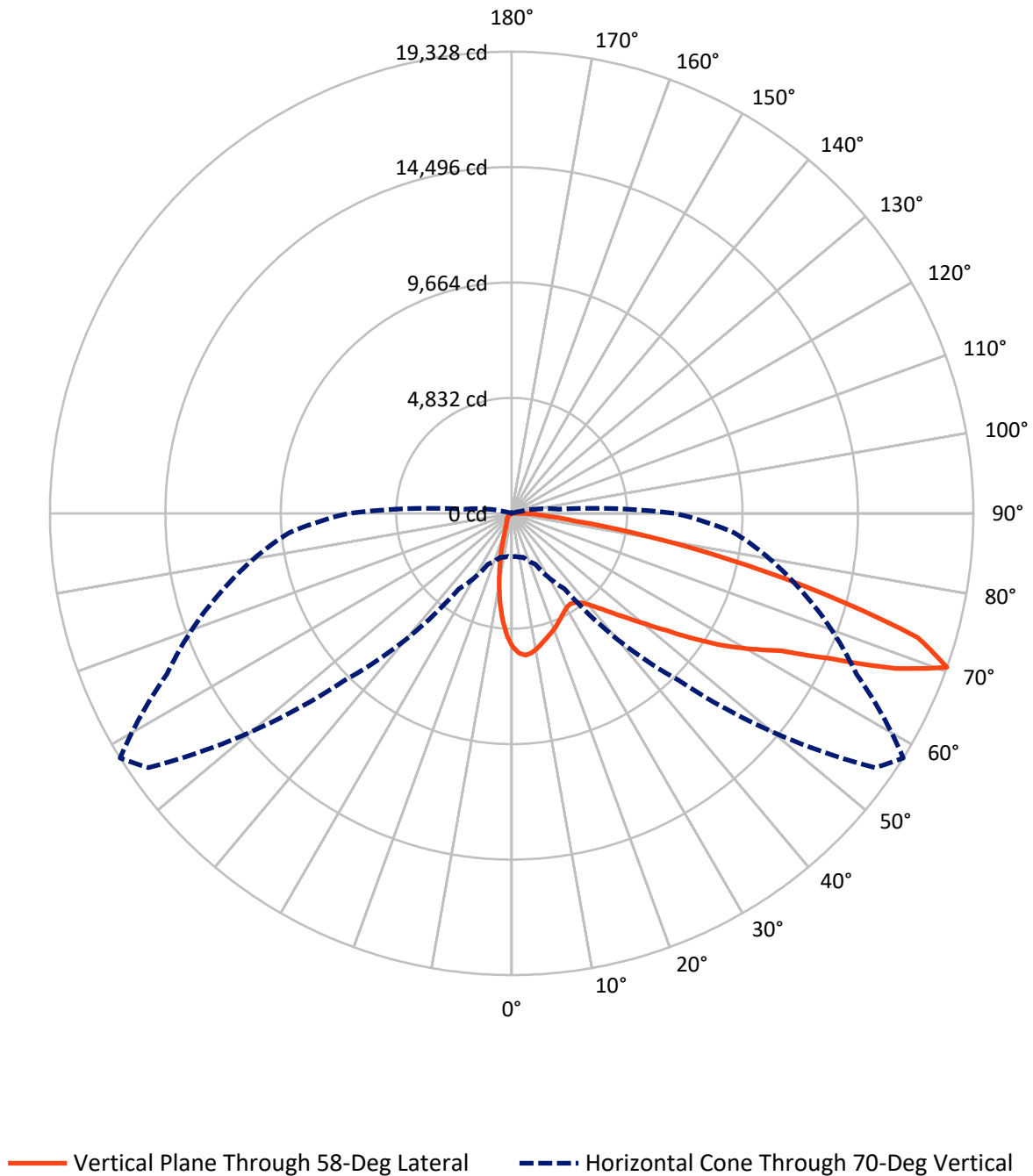
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
 Type III - Medium - N/A

REPORT NUMBER: P323670
CATALOG NUMBER: GLEON-SA6A-830-U-SL3-HSS

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1619.3	0.0	1619.3
	% Fixture	8.6	0.0	8.6
Street Side	Lumens	17302.7	0.0	17302.7
	% Fixture	91.4	0.0	91.4
Total	Lumens	18922.0	0.0	18922.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	457.1	2.4
10°-20°	959.3	5.1
20°-30°	1261.1	6.7
30°-40°	1670.2	8.8
40°-50°	2496.5	13.2
50°-60°	3999.3	21.1
60°-70°	5041.1	26.6
70°-80°	2719.1	14.4
80°-90°	318.3	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°	18922.0	100.0
0°-180°	18922.0	100.0

Coefficient of Utilization



REPORT NUMBER: P323670

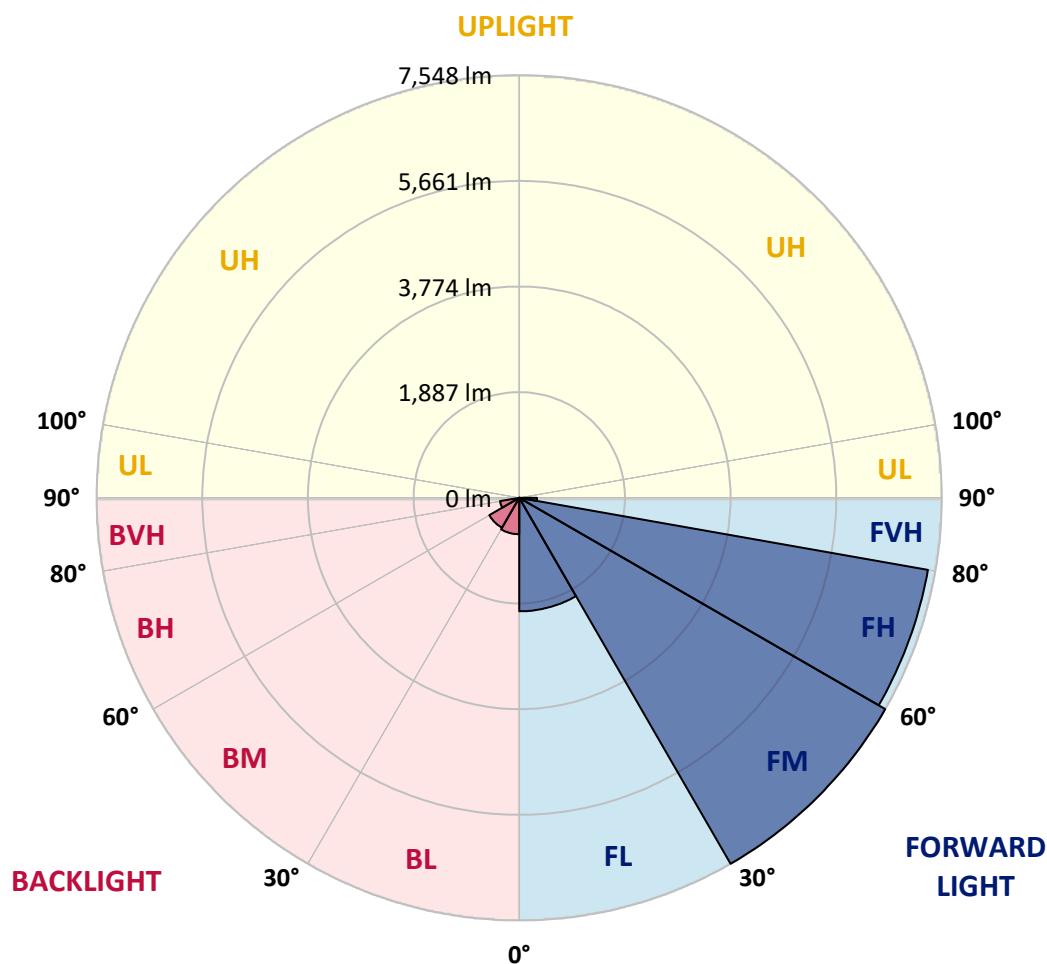
CATALOG NUMBER: GLEON-SA6A-830-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2026.9	10.7			
FM	(30°-60°)	7548.3	39.9			
FH	(60°-80°)	7412.0	39.2			G3/7500
FVH	(80°-90°)	315.5	1.7			G3/500
BL	(0°-30°)	650.6	3.4	B2/1000		
BM	(30°-60°)	617.7	3.3	B1/1000		
BH	(60°-80°)	348.2	1.8	B1/500		G1/500
BVH	(80°-90°)	2.7	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-G3

Type III Medium



REPORT NUMBER: P323670

CATALOG NUMBER: GLEON-SA6A-830-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5
2.5°	6052.9	6037.9	6032.4	6023.0	5986.8	5951.4	5881.4	5861.7	5817.6	5713.0	5602.1
5°	6057.6	6056.8	6073.4	6069.4	6056.8	6040.3	5990.0	5964.0	5889.2	5739.7	5536.8
7.5°	5765.7	5780.7	5817.6	5847.5	5882.2	5927.0	5933.3	5908.1	5846.8	5685.5	5416.4
10°	5373.9	5397.5	5449.4	5508.4	5598.9	5688.6	5768.9	5765.7	5744.5	5585.5	5271.6
12.5°	4981.3	5008.8	5068.6	5155.9	5284.2	5430.5	5573.7	5593.4	5628.8	5495.8	5137.8
15°	4637.4	4661.0	4720.0	4827.1	4986.0	5182.7	5392.8	5429.0	5520.2	5425.8	5026.1
17.5°	4345.5	4360.5	4403.8	4522.6	4706.7	4945.1	5218.1	5288.9	5425.0	5370.7	4929.3
20°	4141.7	4144.1	4172.4	4255.8	4439.9	4706.7	5037.1	5138.6	5324.3	5323.5	4829.4
22.5°	4041.0	4033.2	4038.7	4086.7	4222.0	4479.3	4856.2	4976.5	5233.8	5283.4	4727.9
25°	4022.2	4015.9	4000.1	4006.4	4088.2	4280.2	4673.6	4812.9	5154.4	5259.0	4639.8
27.5°	4081.2	4087.5	4060.7	4032.4	4038.7	4151.2	4511.5	4672.8	5089.8	5259.0	4577.6
30°	4200.0	4203.1	4183.4	4146.5	4096.9	4115.0	4399.0	4560.3	5057.6	5295.2	4538.3
32.5°	4331.4	4348.7	4346.3	4316.4	4245.6	4172.4	4372.3	4519.4	5055.2	5375.5	4534.4
35°	4494.2	4513.9	4547.0	4540.7	4466.7	4346.3	4463.5	4579.2	5101.6	5507.6	4576.9
37.5°	4667.3	4697.2	4768.0	4801.9	4753.9	4617.8	4668.1	4750.7	5226.0	5721.7	4684.6
40°	4834.9	4868.8	4997.8	5130.8	5094.6	4954.5	4978.1	5044.2	5447.1	6029.3	4889.2
42.5°	4999.4	5049.7	5239.3	5458.1	5501.3	5389.6	5402.2	5454.9	5775.2	6452.6	5223.6
45°	5196.1	5252.7	5533.6	5803.5	5919.1	5870.4	5923.9	5958.5	6204.0	7012.0	5674.4
47.5°	5484.8	5550.1	5894.7	6202.4	6405.4	6436.9	6544.7	6567.5	6746.1	7663.5	6262.2
50°	6048.2	6066.3	6377.8	6657.2	6949.9	7138.7	7261.4	7278.7	7402.3	8375.5	6996.3
52.5°	6757.1	6768.9	6945.1	7132.4	7465.2	7850.7	8137.9	8162.3	8188.3	9069.5	7720.9
55°	7461.3	7459.7	7576.2	7686.3	8067.1	8627.3	9250.5	9265.4	9079.0	9728.1	8274.8
57.5°	7901.1	7943.6	8120.6	8262.2	8794.1	9512.5	10377.2	10432.3	10014.5	10215.9	8822.5
60°	7761.1	7781.5	8174.1	8698.1	9699.7	10770.6	11517.3	11531.4	10717.9	10702.9	9514.8
62.5°	6612.3	6623.3	7240.2	8320.5	10158.5	12402.4	12892.6	12662.1	11526.7	11378.8	10343.4
65°	4532.0	4603.6	5119.0	6454.2	9315.8	13426.1	15021.7	14640.1	12759.6	12352.9	11092.4
67.5°	2668.8	2653.9	2908.8	3892.3	6842.1	12746.3	17714.9	17335.7	14441.0	13005.1	10872.9
70°	1823.0	1812.8	1910.4	2356.5	3862.4	9887.8	18562.3	19327.9	15925.7	12566.1	9357.5
72.5°	1301.4	1306.9	1450.9	1830.9	2424.9	5761.0	15962.7	17774.7	15460.7	10954.7	7112.7
75°	883.6	898.5	1104.7	1502.0	2125.9	2930.9	11327.6	13511.8	12589.7	7961.7	4088.2
77.5°	475.2	491.8	734.9	1210.1	1922.2	2036.3	7286.6	9299.3	7908.2	3579.2	1184.9
80°	198.3	207.7	343.8	879.6	1660.9	1788.4	4287.3	5639.0	3369.9	705.8	264.4
82.5°	85.8	90.5	143.2	524.8	1241.6	1509.9	2269.9	2712.9	1021.3	155.0	133.0
85°	16.5	17.3	59.0	277.7	792.3	852.1	1471.3	1442.2	458.7	66.9	96.8
87.5°	0.0	0.0	14.2	87.3	232.9	464.2	897.7	886.7	155.8	32.3	36.2
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: P323670

CATALOG NUMBER: GLEON-SA6A-830-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5	5589.5
2.5°	5545.4	5491.1	5377.0	5236.2	5128.4	5009.6	4915.2	4795.6	4743.7	4746.0	4717.7
5°	5421.1	5309.4	5056.8	4738.1	4492.7	4239.3	4021.4	3804.2	3676.0	3634.3	3594.9
7.5°	5243.3	5066.2	4663.4	4172.4	3757.0	3351.0	2997.7	2686.9	2490.2	2394.3	2358.8
10°	5042.6	4794.0	4211.0	3564.2	2971.0	2421.8	1963.9	1565.7	1406.8	1299.0	1271.5
12.5°	4866.4	4529.6	3768.8	2940.3	2236.1	1573.6	1136.9	889.1	781.3	738.8	731.7
15°	4700.4	4282.6	3343.1	2375.4	1548.4	968.6	723.1	638.9	613.7	606.6	606.6
17.5°	4543.8	4047.3	2926.9	1819.1	1024.4	679.0	598.8	579.9	572.0	571.2	572.0
20°	4380.1	3812.1	2517.8	1332.8	715.2	575.2	553.1	542.9	540.5	540.5	540.5
22.5°	4223.6	3576.8	2119.7	952.0	573.6	524.8	513.8	506.7	504.3	503.6	502.0
25°	4073.3	3353.4	1731.0	672.7	503.6	480.7	471.3	461.9	454.8	450.8	448.5
27.5°	3949.8	3154.3	1369.0	539.7	454.8	435.1	423.3	409.1	391.8	384.0	380.8
30°	3851.4	2972.6	1055.1	455.6	409.1	389.5	371.4	347.0	321.8	308.4	307.6
32.5°	3774.3	2793.9	801.0	402.8	368.2	343.8	317.9	287.2	258.1	243.1	242.3
35°	3736.5	2636.6	612.1	364.3	332.0	301.3	269.1	235.3	206.9	192.8	191.2
37.5°	3761.7	2503.6	477.6	332.0	301.3	265.9	228.2	192.8	167.6	155.0	154.2
40°	3853.8	2418.6	387.9	304.5	275.4	232.1	191.2	158.1	136.9	126.7	125.9
42.5°	4049.7	2387.2	331.2	281.7	250.2	200.6	158.9	130.6	110.9	103.9	102.3
45°	4377.0	2433.6	292.7	259.6	224.2	170.7	131.4	107.0	89.7	84.2	83.4
47.5°	4812.9	2555.5	265.2	238.4	200.6	144.0	109.4	86.5	73.2	67.7	66.9
50°	5374.7	2749.1	242.3	217.2	178.6	122.0	90.5	68.5	56.7	52.7	52.7
52.5°	5986.0	2979.6	221.9	197.5	156.6	101.5	73.2	52.7	44.8	40.1	40.1
55°	6491.1	3181.1	199.8	182.5	129.8	84.2	55.9	40.1	33.0	30.7	30.7
57.5°	6995.5	3395.9	174.7	156.6	103.9	68.5	42.5	29.9	24.4	22.8	22.8
60°	7649.3	3658.6	150.3	127.5	81.8	51.9	31.5	21.2	18.1	17.3	17.3
62.5°	8368.5	3812.9	128.2	102.3	63.7	38.6	22.8	14.2	13.4	13.4	12.6
65°	8808.3	3594.9	107.8	81.8	49.6	29.1	14.9	10.2	11.8	11.0	9.4
67.5°	8247.3	2814.4	88.1	63.7	38.6	22.0	9.4	7.1	12.6	10.2	7.9
70°	6828.7	1970.2	68.5	44.8	30.7	18.9	6.3	4.7	13.4	10.2	6.3
72.5°	5110.3	1318.7	54.3	29.9	22.8	16.5	5.5	2.4	11.8	8.7	5.5
75°	2792.4	531.1	43.3	18.9	14.2	11.8	3.9	1.6	7.9	6.3	3.9
77.5°	734.9	140.1	31.5	12.6	7.9	4.7	2.4	0.8	3.9	3.1	1.6
80°	187.3	54.3	20.5	8.7	5.5	2.4	0.0	0.0	0.8	0.0	0.0
82.5°	99.9	22.8	12.6	6.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	75.5	14.9	7.1	3.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.1	4.7	2.4	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 [^] /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			

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)