

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: P318890

Luminaire Tested: **GLEON-SA6C-830-U-T4FT**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P318890
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-16)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA6C-830-U-T4FT
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33818 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

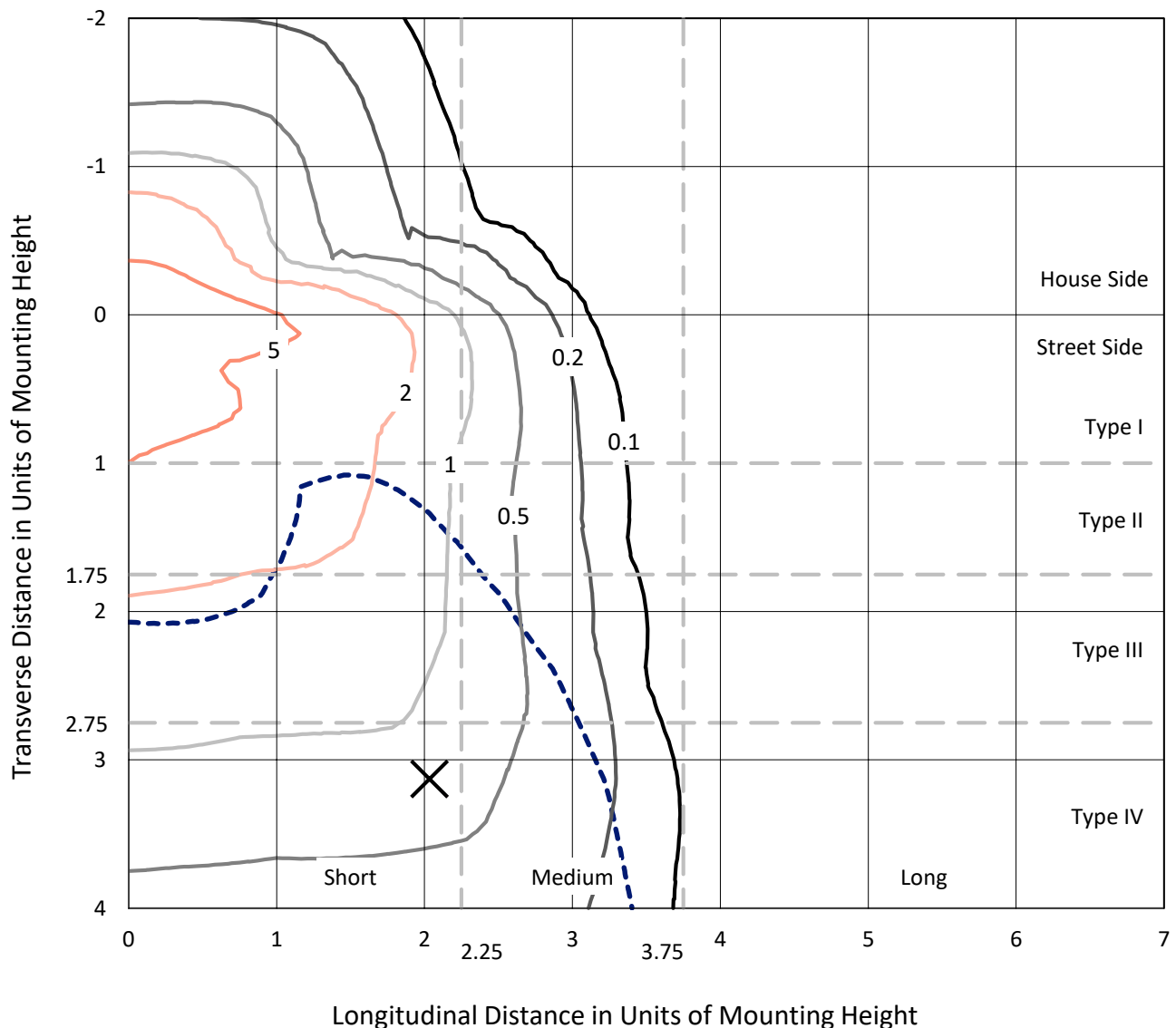
Input Watts (W): 333
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P318890
CATALOG NUMBER: GLEON-SA6C-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination

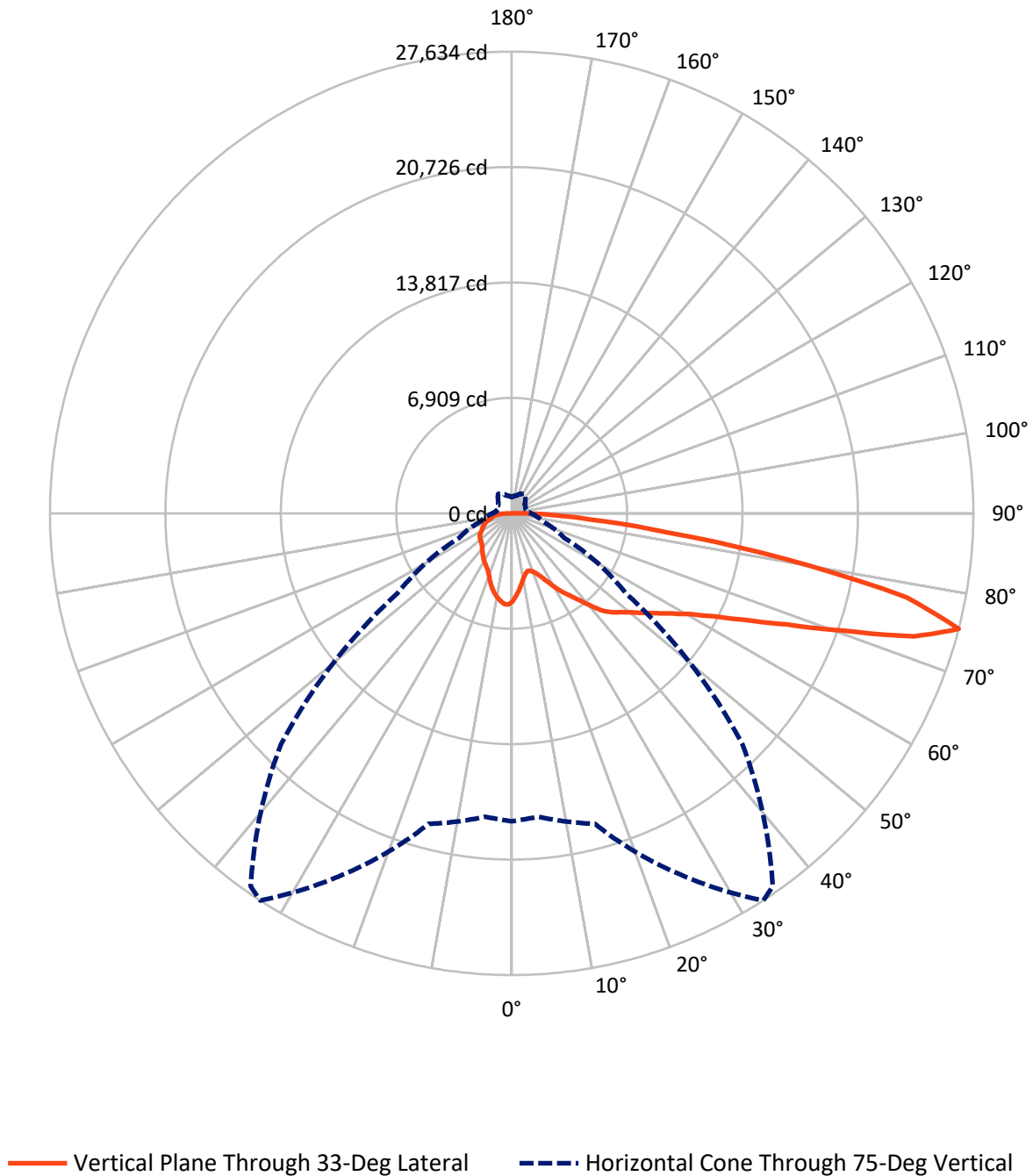
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
Type IV - Short - N/A

REPORT NUMBER: P318890
CATALOG NUMBER: GLEON-SA6C-830-U-T4FT

Luminous Intensity Polar Plot



REPORT NUMBER: P318890

CATALOG NUMBER: GLEON-SA6C-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7261.6	0.0	7261.6
	% Fixture	21.5	0.0	21.5
Street Side	Lumens	26556.4	0.0	26556.4
	% Fixture	78.5	0.0	78.5
Total	Lumens	33818.0	0.0	33818.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.0	1.4
10°-20°	1294.7	3.8
20°-30°	2114.5	6.3
30°-40°	3149.0	9.3
40°-50°	4516.5	13.4
50°-60°	6200.5	18.3
60°-70°	7762.8	23.0
70°-80°	7022.6	20.8
80°-90°	1279.2	3.8
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°	33818.0	100.0
0°-180°	33818.0	100.0

Coefficient of Utilization



REPORT NUMBER: P318890

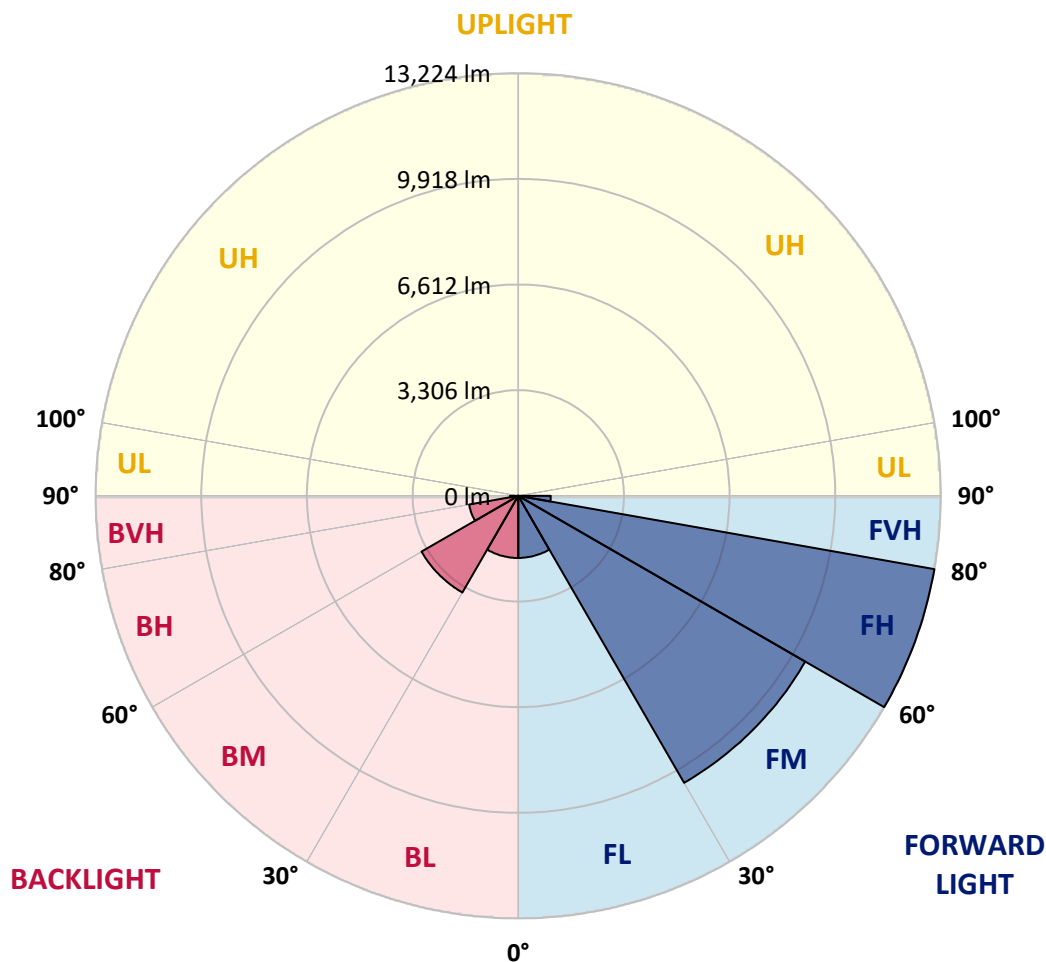
CATALOG NUMBER: GLEON-SA6C-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1942.3	5.7			
FM	(30°-60°)	10371.3	30.7			
FH	(60°-80°)	13224.0	39.1			G5
FVH	(80°-90°)	1018.8	3.0			G5
BL	(0°-30°)	1945.0	5.8	B3/2500		
BM	(30°-60°)	3494.8	10.3	B3/5000		
BH	(60°-80°)	1561.4	4.6	B3/2500		G3/2500
BVH	(80°-90°)	260.4	0.8			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short





REPORT NUMBER: P318890

CATALOG NUMBER: GLEON-SA6C-830-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9
2.5°	4908.6	4889.9	4925.0	4929.7	4960.0	4971.7	5013.8	5079.2	5132.9	5194.8	5250.9
5°	4463.6	4450.7	4499.8	4534.8	4601.4	4629.4	4728.7	4867.7	4991.6	5131.7	5259.1
7.5°	4040.7	4033.7	4088.6	4168.0	4245.1	4283.7	4455.4	4657.5	4864.2	5090.9	5285.9
10°	3684.4	3682.1	3734.6	3812.9	3926.2	3969.4	4191.4	4457.7	4747.4	5059.3	5331.5
12.5°	3484.6	3492.8	3517.3	3582.8	3687.9	3731.1	3977.6	4290.7	4649.3	5048.8	5398.1
15°	3533.7	3546.5	3504.5	3502.2	3576.9	3610.8	3842.1	4171.5	4579.2	5066.3	5495.0
17.5°	3742.8	3745.1	3634.2	3564.1	3609.6	3627.1	3800.0	4103.8	4538.3	5106.0	5616.5
20°	4037.2	4031.3	3835.1	3718.3	3742.8	3747.5	3859.6	4104.9	4534.8	5175.0	5774.2
22.5°	4427.3	4384.1	4120.1	3961.2	3955.4	3948.4	4012.6	4191.4	4586.2	5287.1	5962.3
25°	4936.7	4895.8	4532.5	4315.2	4268.5	4250.9	4260.3	4375.9	4687.8	5407.4	6172.6
27.5°	5503.2	5432.0	5081.5	4774.3	4677.3	4652.8	4596.7	4636.4	4798.8	5523.1	6422.6
30°	5977.5	5938.9	5632.9	5268.4	5153.9	5118.9	4971.7	4928.5	4958.9	5680.8	6738.0
32.5°	6242.7	6217.0	6031.2	5736.9	5630.6	5581.5	5373.6	5287.1	5215.9	5929.6	7165.5
35°	6563.9	6547.6	6435.4	6221.6	6063.9	6012.5	5851.3	5761.4	5578.0	6271.9	7718.1
37.5°	6972.8	6955.2	6957.6	6784.7	6596.6	6548.7	6442.4	6347.8	6047.6	6721.6	8318.5
40°	7435.4	7401.5	7388.6	7380.5	7261.3	7234.4	7178.4	7049.9	6636.3	7259.0	8910.8
42.5°	8131.6	8011.3	7754.3	7851.2	7969.2	7955.2	8000.8	7816.2	7290.5	7894.5	9489.0
45°	8803.3	8605.9	8162.0	8183.0	8441.2	8519.4	8860.5	8729.7	7999.6	8590.7	10087.1
47.5°	9109.3	8959.8	8582.5	8583.7	8839.5	9001.9	9749.5	9656.0	8744.9	9381.5	10817.2
50°	9451.6	9302.1	8963.3	9090.7	9313.8	9486.7	10608.1	10560.2	9454.0	10247.1	11692.2
52.5°	9825.4	9571.9	9357.0	9584.8	9897.9	10098.8	11467.9	11337.0	10104.6	11118.6	12697.9
55°	9830.1	9761.2	9924.7	10091.8	10560.2	10806.7	12368.5	12022.7	10635.0	11974.9	13516.8
57.5°	10389.7	10277.5	10624.5	10701.6	11313.7	11591.7	13264.5	12619.7	11174.7	12631.4	13958.4
60°	11130.3	11034.5	11318.3	11521.6	12245.9	12617.3	14221.2	13233.0	11598.7	13126.7	13937.4
62.5°	12409.4	12300.8	12297.3	12582.3	13557.7	13989.9	15294.8	13834.6	11766.9	13224.8	13342.8
65°	14282.0	14109.1	13783.2	13918.7	15369.5	15800.6	16494.5	14270.3	11545.0	12699.1	11811.3
67.5°	16104.3	16098.5	15697.8	15975.8	17761.9	18107.7	17861.2	14313.5	10852.2	10868.6	9094.2
70°	17920.8	17944.2	17876.4	18843.7	20994.2	21354.0	19316.8	13732.9	9295.1	7848.9	5448.3
72.5°	19360.0	19354.1	19695.2	22189.3	25189.1	25108.5	20543.3	11973.7	6673.7	4236.9	2603.8
75°	18427.8	18224.5	19240.8	23845.7	27634.1	27240.4	19500.2	8352.4	3463.6	1928.6	1401.8
77.5°	12019.2	12212.0	13703.7	19698.8	24171.7	23692.7	14306.5	3897.0	1631.9	1265.1	1016.3
80°	4352.6	4555.8	6416.7	11158.3	16653.3	16575.1	7045.2	1601.6	1103.9	955.6	740.6
82.5°	1497.6	1572.3	2531.4	4955.4	9402.6	9753.0	2650.6	910.0	802.5	677.5	507.0
85°	587.6	672.9	1157.7	2384.2	4742.7	4777.8	1073.5	544.4	558.4	443.9	278.0
87.5°	223.1	271.0	553.7	1107.4	2165.8	1989.4	384.3	259.3	317.7	264.0	132.0
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: P318890

CATALOG NUMBER: GLEON-SA6C-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9	5285.9
2.5°	5294.1	5318.7	5370.1	5405.1	5442.5	5453.0	5457.7	5467.0	5476.4	5472.8	5474.0
5°	5326.8	5374.7	5457.7	5492.7	5509.1	5490.4	5454.2	5425.0	5403.9	5392.2	5388.7
7.5°	5380.6	5448.3	5537.1	5531.3	5493.9	5410.9	5317.5	5247.4	5189.0	5168.0	5156.3
10°	5451.8	5531.3	5593.2	5526.6	5417.9	5274.3	5134.1	5025.4	4937.8	4904.0	4898.1
12.5°	5542.9	5623.5	5635.2	5493.9	5314.0	5117.7	4927.3	4783.6	4652.8	4610.7	4601.4
15°	5660.9	5736.9	5664.4	5436.6	5185.5	4921.5	4675.0	4479.9	4342.1	4290.7	4272.0
17.5°	5784.7	5857.2	5670.3	5342.0	5017.3	4689.0	4379.4	4179.7	4022.0	3962.4	3955.4
20°	5933.1	5965.8	5645.7	5206.5	4786.0	4387.6	4061.7	3873.6	3789.5	3747.5	3742.8
22.5°	6116.5	6081.5	5589.7	5023.1	4492.8	4039.5	3774.3	3686.7	3665.7	3656.4	3659.9
25°	6310.4	6203.0	5506.7	4783.6	4122.5	3691.4	3564.1	3588.6	3616.6	3613.1	3613.1
27.5°	6524.2	6326.8	5379.4	4465.9	3712.4	3406.4	3421.6	3511.5	3553.6	3552.4	3551.2
30°	6798.7	6467.0	5217.0	4083.9	3329.3	3205.4	3297.7	3407.5	3464.8	3462.4	3463.6
32.5°	7136.3	6621.2	4996.2	3657.5	3052.4	3057.1	3163.4	3272.0	3338.6	3332.8	3333.9
35°	7531.2	6794.0	4697.2	3237.0	2869.0	2939.1	3023.2	3099.1	3162.2	3154.0	3145.9
37.5°	7961.0	6963.4	4300.0	2860.8	2719.5	2829.3	2899.4	2912.2	2941.4	2920.4	2905.2
40°	8369.9	7093.1	3788.4	2552.4	2568.8	2735.8	2781.4	2730.0	2677.4	2670.4	2649.4
42.5°	8726.2	7136.3	3270.9	2306.0	2409.9	2637.7	2665.8	2558.3	2463.7	2419.3	2400.6
45°	9102.3	7151.5	2788.4	2099.2	2256.9	2550.1	2580.5	2436.8	2303.6	2207.8	2176.3
47.5°	9594.1	7261.3	2413.4	1946.2	2140.1	2491.7	2534.9	2339.8	2166.9	2030.3	2001.1
50°	10237.8	7478.6	2108.5	1829.3	2064.1	2453.1	2502.2	2245.2	2054.8	1890.1	1860.9
52.5°	10952.7	7678.3	1862.1	1734.7	1990.6	2385.4	2460.2	2177.5	1949.7	1760.4	1728.9
55°	11452.7	7525.3	1663.5	1636.6	1894.8	2288.4	2401.7	2120.2	1799.0	1634.3	1606.2
57.5°	11548.5	7002.0	1512.8	1535.0	1779.1	2166.9	2311.8	1992.9	1717.2	1579.4	1550.2
60°	11286.8	6273.0	1400.6	1441.5	1655.3	2013.9	2143.6	1902.9	1638.9	1520.9	1496.4
62.5°	10629.1	5526.6	1317.7	1357.4	1539.6	1858.5	2038.4	1808.3	1559.5	1454.4	1429.8
65°	9300.9	4639.9	1238.3	1282.6	1432.2	1724.2	1943.8	1720.7	1481.2	1400.6	1377.3
67.5°	7020.7	3475.3	1163.5	1203.2	1336.4	1607.4	1841.0	1634.3	1405.3	1353.9	1325.9
70°	4134.1	2176.3	1078.2	1120.3	1235.9	1485.9	1731.2	1539.6	1310.7	1287.3	1251.1
72.5°	1924.0	1309.5	981.3	1022.1	1109.8	1323.5	1589.9	1415.8	1198.5	1147.1	1098.1
75°	1148.3	957.9	866.8	903.0	964.9	1150.6	1412.3	1289.7	1092.2	1024.5	973.1
77.5°	858.6	732.4	740.6	779.2	829.4	1007.0	1251.1	1190.4	1010.5	957.9	922.8
80°	618.0	556.0	603.9	646.0	698.6	915.8	1198.5	1100.4	913.5	843.4	810.7
82.5°	412.4	399.5	454.4	497.6	549.0	801.4	1126.1	963.7	780.3	691.6	619.1
85°	227.8	240.6	306.1	324.7	369.1	564.2	922.8	774.5	587.6	473.1	452.1
87.5°	94.6	111.0	164.7	158.9	196.3	336.4	607.4	467.3	373.8	279.2	217.3
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 [^] /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

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			

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)