

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: P318900

Luminaire Tested: **GLEON-SA6D-830-U-T4FT**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P318900
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-SA6D-830-U-T4FT
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 1200mA 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: 37099 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

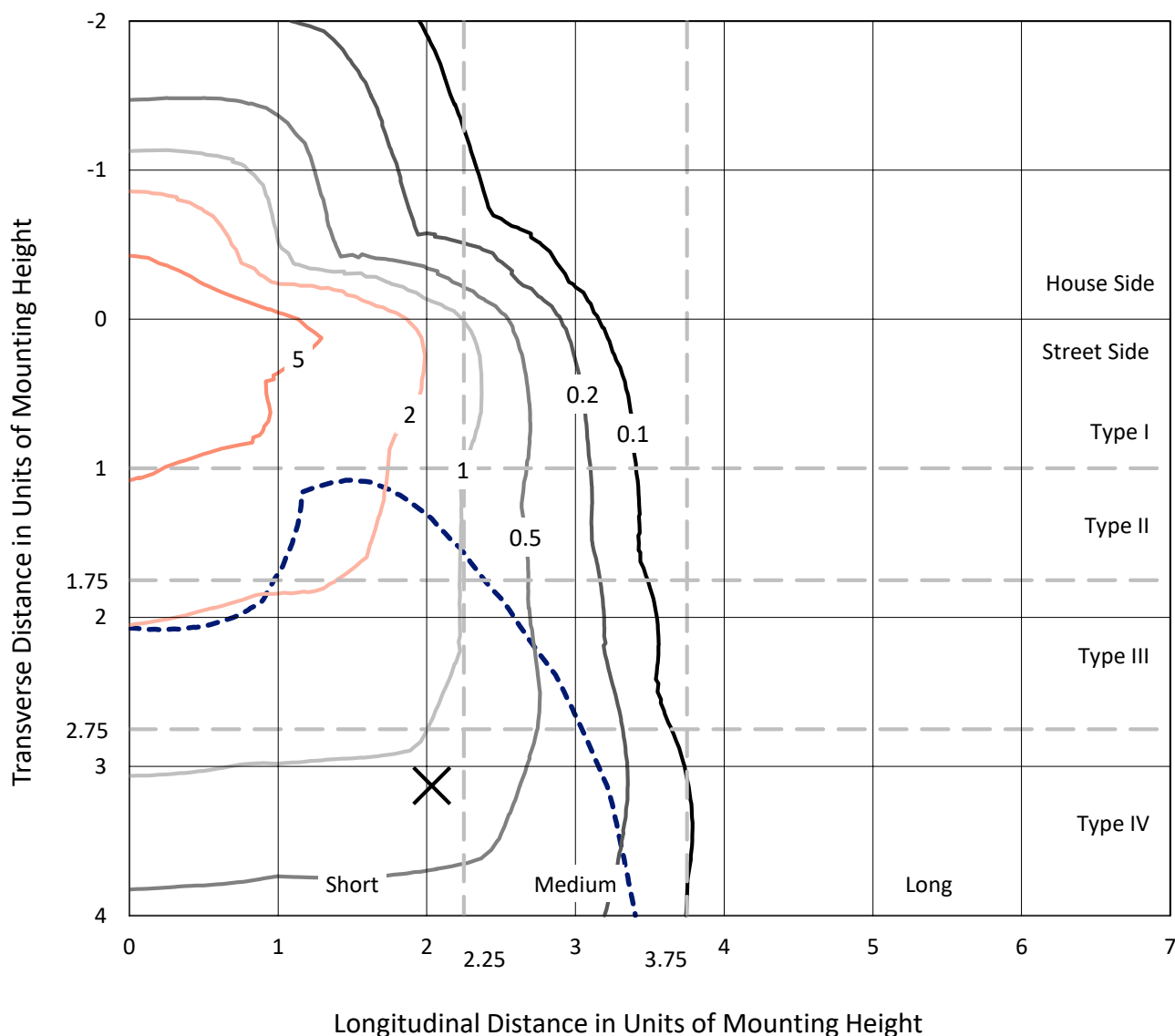
Input Watts (W): 382
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P318900
 CATALOG NUMBER: GLEON-SA6D-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination

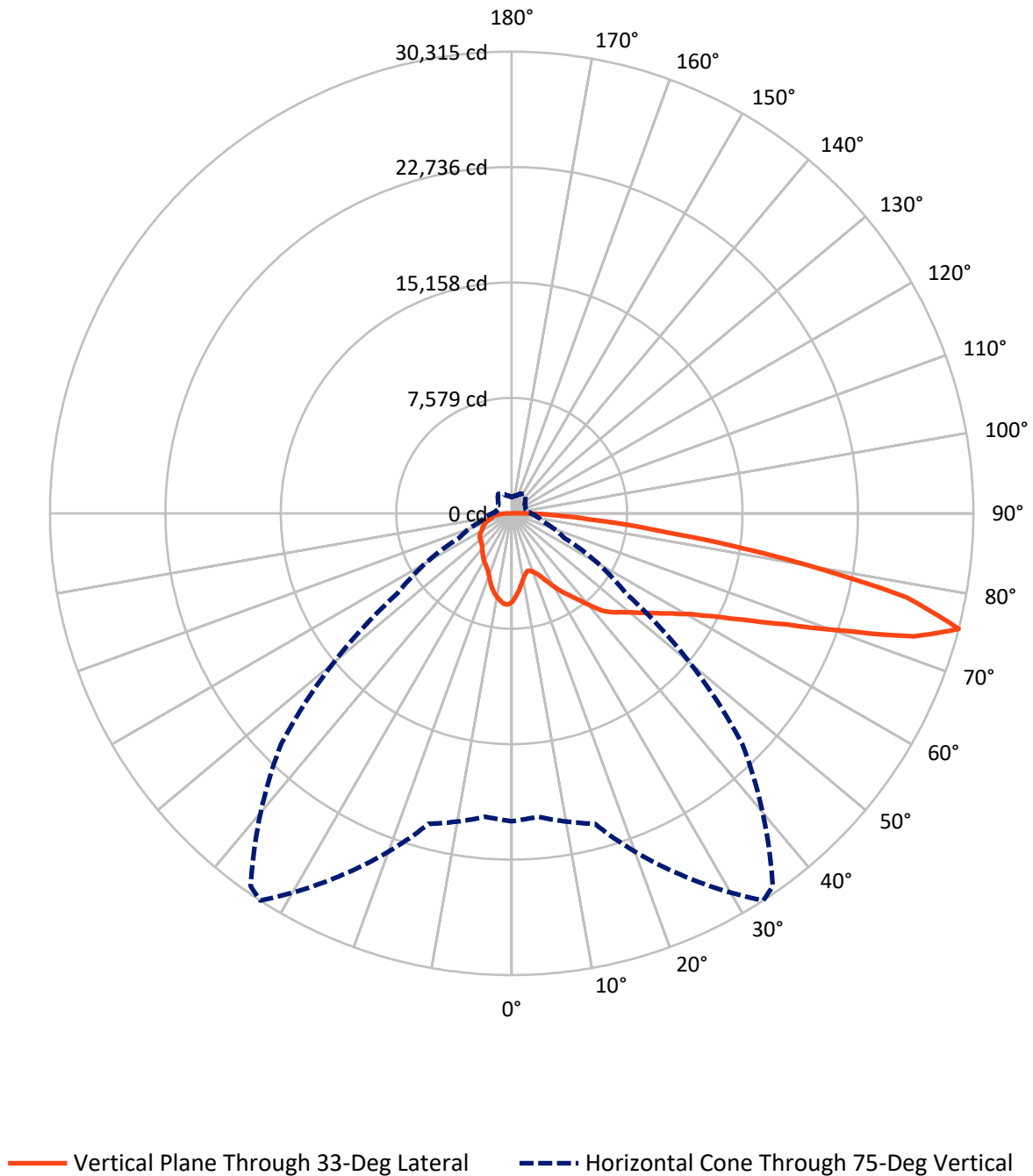
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P318900
CATALOG NUMBER: GLEON-SA6D-830-U-T4FT

Luminous Intensity Polar Plot



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CATALOG NUMBER: GLEON-SA6D-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7966.1	0.0	7966.1
	% Fixture	21.5	0.0	21.5
Street Side	Lumens	29132.9	0.0	29132.9
	% Fixture	78.5	0.0	78.5
Total	Lumens	37099.0	0.0	37099.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	524.4	1.4
10°-20°	1420.4	3.8
20°-30°	2319.7	6.3
30°-40°	3454.5	9.3
40°-50°	4954.7	13.4
50°-60°	6802.1	18.3
60°-70°	8515.9	23.0
70°-80°	7703.9	20.8
80°-90°	1403.3	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°	37099.0	100.0
0°-180°	37099.0	100.0

Coefficient of Utilization



REPORT NUMBER: P318900

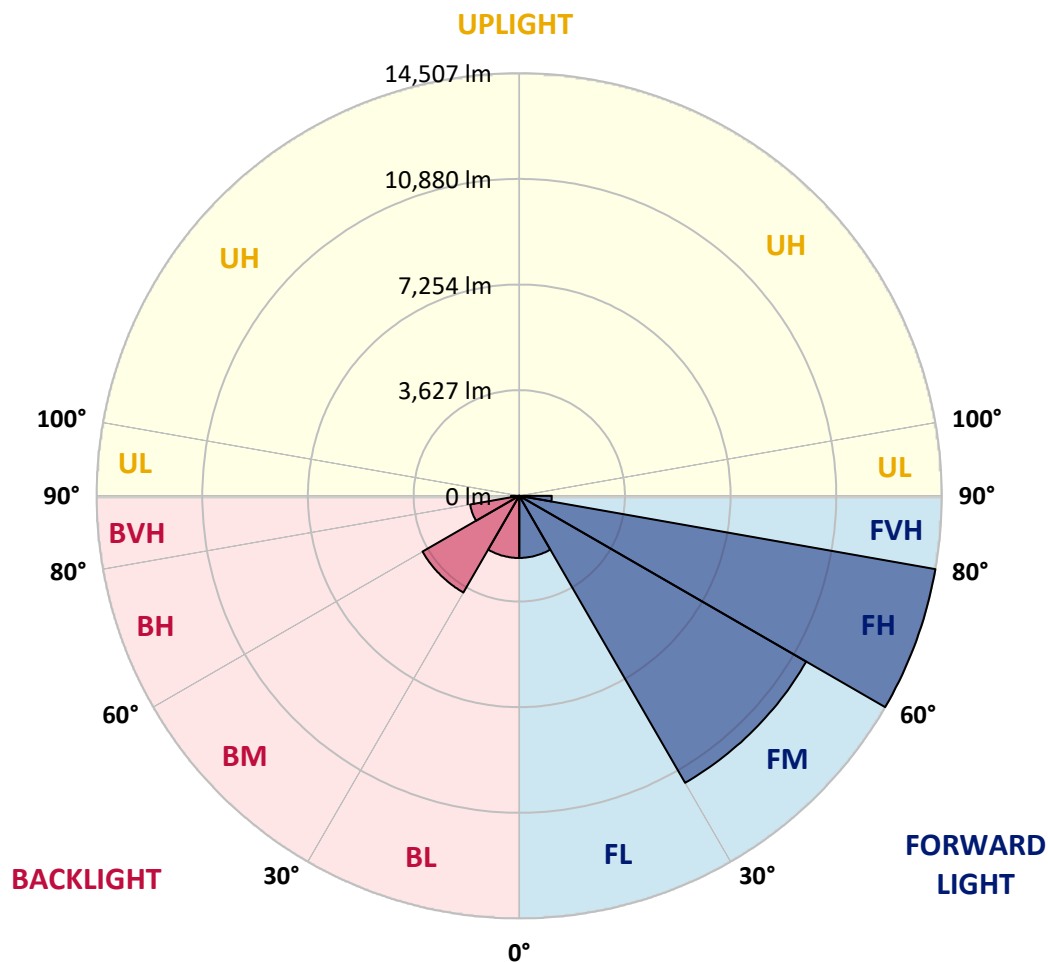
CATALOG NUMBER: GLEON-SA6D-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2130.8	5.7			
FM	(30°-60°)	11377.5	30.7			
FH	(60°-80°)	14507.0	39.1			G5
FVH	(80°-90°)	1117.6	3.0			G5
BL	(0°-30°)	2133.7	5.8	B3/2500		
BM	(30°-60°)	3833.9	10.3	B3/5000		
BH	(60°-80°)	1712.9	4.6	B3/2500		G3/2500
BVH	(80°-90°)	285.7	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: P318900

CATALOG NUMBER: GLEON-SA6D-830-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8
2.5°	5384.9	5364.4	5402.8	5407.9	5441.2	5454.1	5500.2	5572.0	5630.9	5698.8	5760.3
5°	4896.6	4882.5	4936.3	4974.8	5047.8	5078.6	5187.5	5340.0	5475.8	5629.6	5769.3
7.5°	4432.7	4425.0	4485.2	4572.4	4657.0	4699.3	4887.6	5109.3	5336.2	5584.8	5798.8
10°	4041.8	4039.3	4097.0	4182.8	4307.1	4354.5	4598.0	4890.2	5208.0	5550.2	5848.8
12.5°	3822.7	3831.7	3858.6	3930.4	4045.7	4093.1	4363.5	4706.9	5100.4	5538.6	5921.8
15°	3876.5	3890.6	3844.5	3841.9	3923.9	3961.1	4214.8	4576.2	5023.5	5557.9	6028.2
17.5°	4105.9	4108.5	3986.7	3909.9	3959.8	3979.1	4168.7	4501.9	4978.6	5601.4	6161.4
20°	4428.9	4422.5	4207.2	4079.0	4105.9	4111.0	4234.1	4503.2	4974.8	5677.0	6334.4
22.5°	4856.9	4809.5	4519.8	4345.6	4339.2	4331.5	4401.9	4598.0	5031.2	5800.1	6540.8
25°	5415.6	5370.8	4972.2	4733.9	4682.6	4663.4	4673.6	4800.5	5142.7	5932.1	6771.4
27.5°	6037.1	5959.0	5574.5	5237.5	5131.1	5104.2	5042.7	5086.3	5264.4	6058.9	7045.7
30°	6557.4	6515.1	6179.4	5779.6	5654.0	5615.5	5454.1	5406.6	5440.0	6231.9	7391.7
32.5°	6848.3	6820.1	6616.4	6293.4	6176.8	6123.0	5894.9	5800.1	5721.9	6504.9	7860.7
35°	7200.7	7182.8	7059.8	6825.3	6652.3	6595.9	6419.0	6320.4	6119.2	6880.4	8466.9
37.5°	7649.3	7630.0	7632.6	7442.9	7236.6	7184.1	7067.5	6963.7	6634.3	7373.7	9125.6
40°	8156.7	8119.6	8105.5	8096.5	7965.8	7936.3	7874.8	7733.8	7280.2	7963.2	9775.3
42.5°	8920.5	8788.5	8506.6	8613.0	8742.4	8727.0	8777.0	8574.5	7997.8	8660.4	10409.6
45°	9657.4	9440.8	8953.8	8976.9	9260.1	9346.0	9720.2	9576.6	8775.7	9424.1	11065.7
47.5°	9993.1	9829.1	9415.2	9416.5	9697.1	9875.2	10695.4	10592.9	9593.3	10291.7	11866.7
50°	10368.6	10204.6	9832.9	9972.6	10217.4	10407.1	11637.3	11584.7	10371.2	11241.3	12826.5
52.5°	10778.7	10500.6	10264.8	10514.7	10858.1	11078.6	12580.5	12436.9	11085.0	12197.3	13929.9
55°	10783.8	10708.2	10887.6	11070.9	11584.7	11855.1	13568.5	13189.2	11666.8	13136.6	14828.2
57.5°	11397.6	11274.6	11655.2	11739.8	12411.3	12716.3	14551.4	13844.0	12258.8	13856.8	15312.6
60°	12210.1	12105.0	12416.4	12639.4	13434.0	13841.5	15601.0	14516.8	12724.0	14400.2	15289.6
62.5°	13613.4	13494.2	13490.3	13803.0	14873.1	15347.2	16778.7	15176.8	12908.5	14507.8	14637.3
65°	15667.6	15477.9	15120.4	15269.1	16860.7	17333.6	18094.8	15654.8	12665.1	13931.2	12957.2
67.5°	17666.7	17660.3	17220.8	17525.8	19485.2	19864.5	19594.1	15702.2	11905.1	11923.1	9976.5
70°	19659.5	19685.1	19610.8	20671.9	23031.1	23425.8	21190.9	15065.3	10196.9	8610.4	5976.9
72.5°	21238.3	21231.9	21606.1	24342.1	27633.0	27544.5	22536.4	13135.4	7321.2	4648.0	2856.5
75°	20215.6	19992.7	21107.6	26159.2	30315.1	29883.3	21392.1	9162.7	3799.6	2115.8	1537.8
77.5°	13185.3	13396.8	15033.3	21609.9	26516.8	25991.4	15694.5	4275.1	1790.3	1387.9	1114.9
80°	4774.9	4997.8	7039.3	12240.9	18269.0	18183.2	7728.7	1756.9	1211.0	1048.3	812.5
82.5°	1642.9	1724.9	2777.0	5436.1	10314.8	10699.2	2907.7	998.3	880.4	743.3	556.2
85°	644.6	738.1	1270.0	2615.5	5202.9	5241.3	1177.7	597.2	612.6	487.0	305.0
87.5°	244.8	297.3	607.4	1214.9	2375.9	2182.4	421.6	284.5	348.6	289.6	144.8
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: P318900

CATALOG NUMBER: GLEON-SA6D-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8	5798.8
2.5°	5807.8	5834.7	5891.0	5929.5	5970.5	5982.0	5987.2	5997.4	6007.7	6003.8	6005.1
5°	5843.6	5896.2	5987.2	6025.6	6043.5	6023.0	5983.3	5951.3	5928.2	5915.4	5911.6
7.5°	5902.6	5976.9	6074.3	6067.9	6026.9	5935.9	5833.4	5756.5	5692.4	5669.4	5656.5
10°	5980.8	6067.9	6135.8	6062.8	5943.6	5786.0	5632.2	5513.0	5416.9	5379.7	5373.3
12.5°	6080.7	6169.1	6181.9	6026.9	5829.5	5614.2	5405.4	5247.7	5104.2	5058.1	5047.8
15°	6210.1	6293.4	6214.0	5964.1	5688.6	5399.0	5128.6	4914.5	4763.3	4706.9	4686.4
17.5°	6346.0	6425.4	6220.4	5860.3	5504.0	5143.9	4804.3	4585.2	4412.2	4346.8	4339.2
20°	6508.7	6544.6	6193.5	5711.6	5250.3	4813.3	4455.8	4249.4	4157.2	4111.0	4105.9
22.5°	6709.9	6671.5	6132.0	5510.4	4928.6	4431.4	4140.5	4044.4	4021.3	4011.1	4014.9
25°	6922.7	6804.8	6041.0	5247.7	4522.4	4049.5	3909.9	3936.8	3967.5	3963.7	3963.7
27.5°	7157.2	6940.6	5901.3	4899.2	4072.6	3736.9	3753.5	3852.2	3898.3	3897.0	3895.8
30°	7458.3	7094.4	5723.2	4480.1	3652.3	3516.4	3617.7	3738.1	3800.9	3798.4	3799.6
32.5°	7828.7	7263.5	5481.0	4012.4	3348.6	3353.7	3470.3	3589.5	3662.5	3656.1	3657.4
35°	8261.8	7453.2	5152.9	3551.0	3147.4	3224.3	3316.5	3399.8	3469.0	3460.0	3451.1
37.5°	8733.4	7639.0	4717.2	3138.4	2983.3	3103.8	3180.7	3194.8	3226.8	3203.7	3187.1
40°	9181.9	7781.3	4155.9	2800.1	2818.0	3001.3	3051.2	2994.9	2937.2	2929.5	2906.4
42.5°	9572.8	7828.7	3588.2	2529.7	2643.7	2893.6	2924.4	2806.5	2702.7	2654.0	2633.5
45°	9985.4	7845.3	3058.9	2302.9	2475.9	2797.5	2830.8	2673.2	2527.1	2422.0	2387.4
47.5°	10524.9	7965.8	2647.6	2135.0	2347.7	2733.4	2780.9	2566.8	2377.2	2227.2	2195.2
50°	11231.1	8204.2	2313.1	2006.8	2264.4	2691.1	2745.0	2463.0	2254.2	2073.5	2041.4
52.5°	12015.3	8423.3	2042.7	1903.0	2183.7	2616.8	2698.8	2388.7	2138.8	1931.2	1896.6
55°	12563.8	8255.4	1824.9	1795.4	2078.6	2510.5	2634.8	2325.9	1973.5	1792.8	1762.1
57.5°	12668.9	7681.3	1659.5	1683.9	1951.7	2377.2	2536.1	2186.2	1883.8	1732.6	1700.5
60°	12381.8	6881.6	1536.5	1581.4	1815.9	2209.3	2351.6	2087.6	1797.9	1668.5	1641.6
62.5°	11660.4	6062.8	1445.5	1489.1	1689.0	2038.9	2236.2	1983.8	1710.8	1595.5	1568.6
65°	10203.3	5090.1	1358.4	1407.1	1571.1	1891.5	2132.4	1887.6	1624.9	1536.5	1510.9
67.5°	7701.8	3812.5	1276.4	1319.9	1466.0	1763.3	2019.6	1792.8	1541.6	1485.3	1454.5
70°	4535.2	2387.4	1182.8	1229.0	1355.8	1630.1	1899.2	1689.0	1437.8	1412.2	1372.5
72.5°	2110.6	1436.6	1076.5	1121.3	1217.4	1451.9	1744.1	1553.2	1314.8	1258.4	1204.6
75°	1259.7	1050.8	950.9	990.6	1058.5	1262.3	1549.3	1414.8	1198.2	1123.9	1067.5
77.5°	941.9	803.5	812.5	854.8	909.9	1104.7	1372.5	1305.8	1108.5	1050.8	1012.4
80°	677.9	610.0	662.5	708.7	766.3	1004.7	1314.8	1207.2	1002.1	925.2	889.4
82.5°	452.4	438.3	498.5	545.9	602.3	879.1	1235.4	1057.2	856.0	758.6	679.2
85°	249.9	264.0	335.8	356.3	405.0	619.0	1012.4	849.6	644.6	519.0	495.9
87.5°	103.8	121.7	180.7	174.3	215.3	369.1	666.4	512.6	410.1	306.3	238.4
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

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



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)