

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1458358

Luminaire Tested: GLAN-SB3D-830-U-T3LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1458358
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB3D-830-U-T3LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (78) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

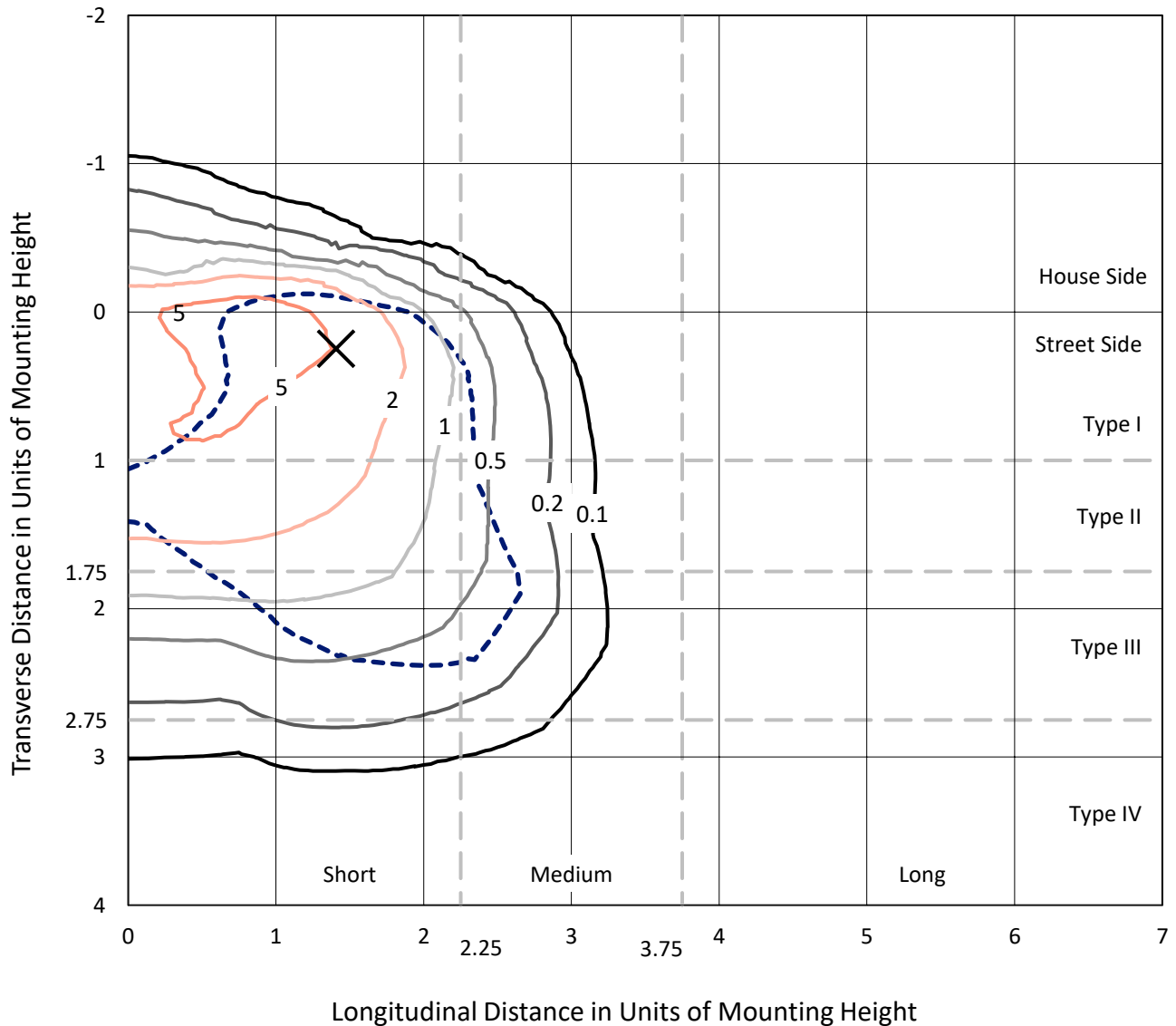
Lumens per Lamp: N/A
Luminaire Lumens: 20960.4 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1458358
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Iso-Footcandle Lines of Horizontal Illumination

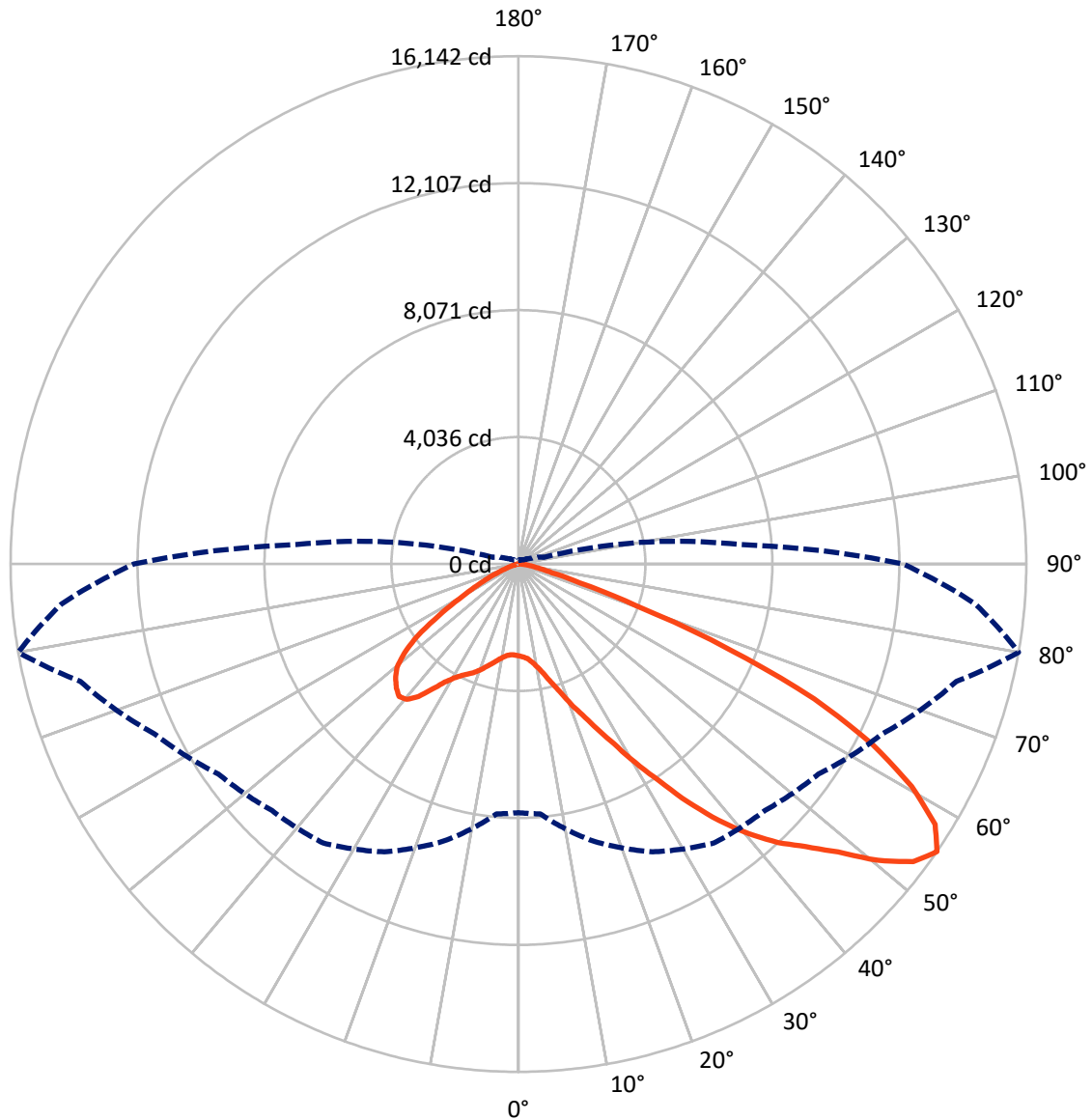
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1458358
CATALOG NUMBER: GLAN-SB3D-830-U-T3LG-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P1458358

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2548.0	0.0	2548.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	18412.5	0.0	18412.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	20960.4	0.0	20960.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.0	1.2
10°-20°	646.0	3.1
20°-30°	1264.6	6.0
30°-40°	2572.8	12.3
40°-50°	4337.4	20.7
50°-60°	5541.9	26.4
60°-70°	4731.5	22.6
70°-80°	1512.0	7.2
80°-90°	109.2	0.5
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°	20960.4	100.0
0°-180°	20960.4	100.0



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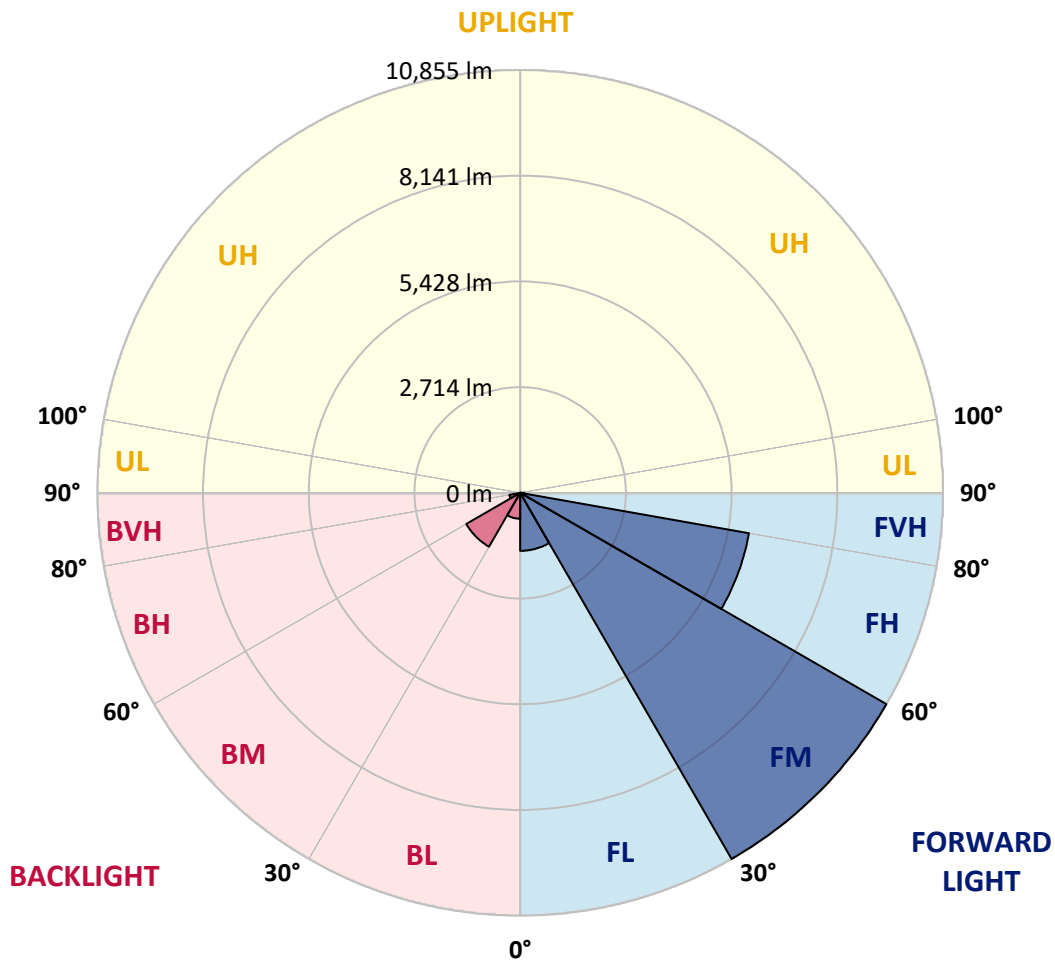
CATALOG NUMBER: GLAN-SB3D-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1490.3	7.1			
FM	(30°-60°)	10855.2	51.8			
FH	(60°-80°)	5963.4	28.5			G3/7500
FVH	(80°-90°)	103.5	0.5			G2/225
BL	(0°-30°)	665.3	3.2	B2/1000		
BM	(30°-60°)	1596.9	7.6	B2/2500		
BH	(60°-80°)	280.1	1.3	B1/500		G1/500
BVH	(80°-90°)	5.7	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 Short





REPORT NUMBER: P1458358

CATALOG NUMBER: GLAN-SB3D-830-U-T3LG-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8
2.5°	2937.6	2943.6	2937.6	2943.6	2955.5	2949.5	2973.4	2967.4	2967.4	2961.5	2937.6
5°	2770.8	2776.7	2788.7	2818.5	2860.2	2901.9	2955.5	2991.3	3027.0	3021.1	2997.2
7.5°	2443.1	2455.0	2502.6	2562.2	2699.3	2824.4	2961.5	3050.8	3128.3	3152.1	3134.3
10°	2258.3	2270.3	2300.1	2359.6	2484.8	2693.3	2961.5	3146.2	3283.2	3330.9	3336.9
12.5°	2240.5	2246.4	2270.3	2335.8	2443.1	2621.8	2955.5	3271.3	3503.7	3575.2	3599.0
15°	2252.4	2264.3	2288.1	2341.8	2466.9	2669.5	3003.2	3468.0	3795.7	3897.0	3902.9
17.5°	2300.1	2312.0	2341.8	2401.3	2538.4	2794.6	3152.1	3670.5	4147.2	4260.5	4326.0
20°	2395.4	2401.3	2437.1	2514.6	2669.5	2949.5	3372.6	3944.6	4570.3	4737.2	4784.8
22.5°	2520.5	2538.4	2586.1	2681.4	2878.0	3164.1	3676.5	4278.3	5035.1	5207.9	5291.3
25°	2657.6	2681.4	2752.9	2907.8	3158.1	3491.8	4051.9	4719.3	5583.3	5791.8	5905.1
27.5°	2937.6	2943.6	2991.3	3187.9	3509.7	3920.8	4528.6	5285.4	6226.8	6471.1	6596.3
30°	3551.4	3557.3	3515.6	3569.3	3897.0	4427.3	5088.7	5946.8	6977.6	7317.3	7418.6
32.5°	4302.2	4332.0	4326.0	4290.3	4439.2	4933.8	5756.1	6739.3	7859.5	8217.0	8312.4
35°	5154.3	5225.8	5207.9	5196.0	5213.8	5583.3	6518.8	7615.2	8860.6	9295.5	9373.0
37.5°	5988.5	6006.4	6089.8	6191.1	6203.0	6459.2	7400.7	8544.8	9790.1	10344.3	10463.4
40°	6632.0	6691.6	6900.2	7102.8	7311.3	7513.9	8127.6	9295.5	10529.0	11273.8	11327.5
42.5°	7132.5	7275.6	7579.4	7895.3	8318.3	8544.8	8818.9	9825.9	11130.8	12102.1	12078.3
45°	7740.3	7799.9	8228.9	8646.0	9075.1	9420.7	9414.7	10272.8	11601.6	12811.2	12662.2
47.5°	8151.5	8223.0	8806.9	9295.5	9736.5	9909.3	9945.0	10755.4	12251.1	13669.2	13317.7
50°	8371.9	8497.1	9134.7	9754.4	10231.1	10284.7	10445.6	11387.0	13103.1	14807.3	14145.9
52.5°	8395.8	8515.0	9247.9	10046.3	10564.7	10672.0	10946.1	12102.1	13931.4	15719.0	14622.6
55°	7901.2	7972.7	9110.8	10094.0	10826.9	11077.2	11637.3	12763.5	14414.1	16142.1	14580.9
57.5°	7436.4	7507.9	8497.1	10010.6	11095.1	11607.5	12376.2	13216.4	14038.7	15617.7	13651.3
60°	7037.2	7073.0	7972.7	9623.3	11196.4	12125.9	13013.8	12769.5	13067.4	14360.4	12060.4
62.5°	6286.4	6310.2	7376.8	8926.1	10993.8	12525.2	13234.2	11822.0	12000.8	12626.4	10189.3
65°	4749.1	4838.5	5815.7	8401.7	10660.1	12709.9	12721.8	10666.0	10481.3	10332.4	8014.4
67.5°	3223.6	3324.9	3914.9	7555.6	10117.8	12787.3	11726.7	9170.4	7984.6	7216.0	5249.6
70°	2574.2	2574.2	2776.7	6071.9	8830.8	11798.2	10493.2	6924.0	5070.8	3986.4	2812.5
72.5°	1692.3	1698.2	1888.9	3855.3	6262.6	8997.6	8556.7	4004.2	2633.7	2031.9	1388.4
75°	613.7	613.7	828.3	1543.3	3313.0	5356.9	5213.8	1912.7	1430.1	1108.3	840.2
77.5°	327.7	339.6	399.2	637.6	1269.2	2180.9	2037.9	977.2	810.4	691.2	524.4
80°	220.5	226.4	268.1	393.3	613.7	840.2	655.5	548.2	548.2	464.8	351.6
82.5°	119.2	125.1	178.8	256.2	327.7	393.3	315.8	321.8	387.3	315.8	202.6
85°	83.4	83.4	137.0	184.7	184.7	190.7	137.0	202.6	226.4	196.6	137.0
87.5°	47.7	47.7	77.5	89.4	89.4	83.4	41.7	71.5	89.4	101.3	59.6
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: P1458358

CATALOG NUMBER: GLAN-SB3D-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8	2919.8
2.5°	2931.7	2913.8	2878.0	2806.5	2770.8	2723.1	2681.4	2627.8	2615.9	2609.9	2586.1
5°	2979.3	2943.6	2836.3	2681.4	2550.3	2425.2	2300.1	2228.5	2169.0	2139.2	2133.2
7.5°	3098.5	3027.0	2830.4	2556.3	2312.0	2097.5	1912.7	1751.9	1668.4	1596.9	1602.9
10°	3277.3	3164.1	2842.3	2437.1	2073.6	1728.0	1459.9	1227.5	1060.6	983.2	977.2
12.5°	3515.6	3354.7	2884.0	2317.9	1781.6	1299.0	959.3	822.3	786.5	780.6	774.6
15°	3807.6	3581.2	2925.7	2163.0	1388.4	899.8	780.6	750.8	744.8	738.9	738.9
17.5°	4159.2	3843.4	2949.5	1900.8	1013.0	774.6	732.9	715.0	709.1	703.1	703.1
20°	4600.1	4135.3	2979.3	1567.1	858.1	744.8	697.2	673.3	667.4	667.4	661.4
22.5°	5035.1	4463.1	2955.5	1275.2	828.3	709.1	655.5	631.6	619.7	619.7	613.7
25°	5535.6	4796.7	2884.0	1150.0	822.3	679.3	613.7	578.0	560.1	554.2	554.2
27.5°	6107.7	5178.1	2770.8	1156.0	822.3	655.5	560.1	512.4	500.5	488.6	488.6
30°	6763.1	5642.9	2687.4	1233.4	834.2	631.6	512.4	452.9	435.0	423.1	429.0
32.5°	7513.9	6161.3	2681.4	1358.6	852.1	595.9	458.8	393.3	375.4	369.4	375.4
35°	8366.0	6804.8	2818.5	1453.9	804.4	518.4	393.3	339.6	321.8	321.8	327.7
37.5°	9313.4	7543.7	3003.2	1430.1	649.5	411.1	339.6	297.9	280.1	286.0	292.0
40°	10177.4	8121.7	3033.0	1221.5	488.6	351.6	292.0	262.2	250.3	256.2	262.2
42.5°	10832.9	8586.5	2747.0	947.4	411.1	297.9	250.3	226.4	220.5	232.4	232.4
45°	11363.2	8771.2	2294.1	703.1	363.5	256.2	220.5	208.6	196.6	202.6	202.6
47.5°	11917.4	8801.0	1871.0	566.1	321.8	232.4	202.6	190.7	178.8	178.8	178.8
50°	12453.6	8729.5	1430.1	500.5	297.9	208.6	184.7	172.8	160.9	154.9	154.9
52.5°	12584.7	8157.4	1048.7	464.8	274.1	196.6	172.8	160.9	149.0	143.0	143.0
55°	12221.3	7073.0	822.3	417.1	250.3	178.8	160.9	149.0	131.1	125.1	125.1
57.5°	11023.6	5392.6	655.5	357.5	226.4	172.8	149.0	137.0	119.2	113.2	113.2
60°	9468.3	3825.5	530.3	292.0	208.6	154.9	137.0	119.2	107.3	95.3	95.3
62.5°	7746.3	2747.0	429.0	244.3	196.6	137.0	125.1	107.3	83.4	65.5	65.5
65°	5940.8	1972.3	333.7	196.6	178.8	119.2	107.3	89.4	65.5	47.7	47.7
67.5°	3843.4	1275.2	250.3	172.8	137.0	101.3	83.4	71.5	59.6	41.7	35.8
70°	2026.0	744.8	184.7	149.0	101.3	77.5	71.5	59.6	47.7	29.8	29.8
72.5°	1048.7	488.6	137.0	131.1	77.5	53.6	59.6	47.7	35.8	17.9	17.9
75°	673.3	327.7	101.3	107.3	47.7	41.7	41.7	29.8	17.9	11.9	6.0
77.5°	435.0	220.5	71.5	89.4	29.8	23.8	23.8	11.9	6.0	0.0	0.0
80°	256.2	137.0	47.7	59.6	11.9	11.9	6.0	0.0	0.0	0.0	0.0
82.5°	131.1	71.5	23.8	23.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	83.4	35.8	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.7	11.9	6.0	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u': 0.2475
 CIE v': 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 Rf: 81.5
 Rg: 99.2

CRI (Ra):	80.9		
R1:	79.5	R9:	6.8
R2:	85.6	R10:	67.1
R3:	92.1	R11:	82.5
R4:	82.4	R12:	63.4
R5:	78.9	R13:	80.2
R6:	81.7	R14:	95.1
R7:	85.1	R15:	71.7
R8:	61.9		



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

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

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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 [^] /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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics

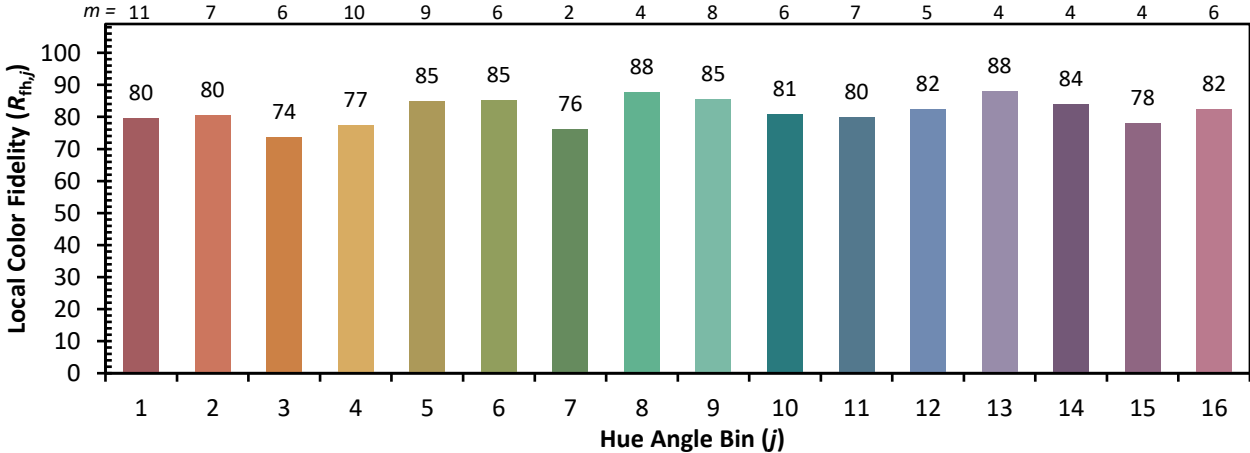


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	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 = 93
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 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	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)