

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: P1457204

Luminaire Tested: GLAN-SB3B-830-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457204
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-830-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square
PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (78) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14851.5 lumens
Efficiency: N/A
Efficacy: 136.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

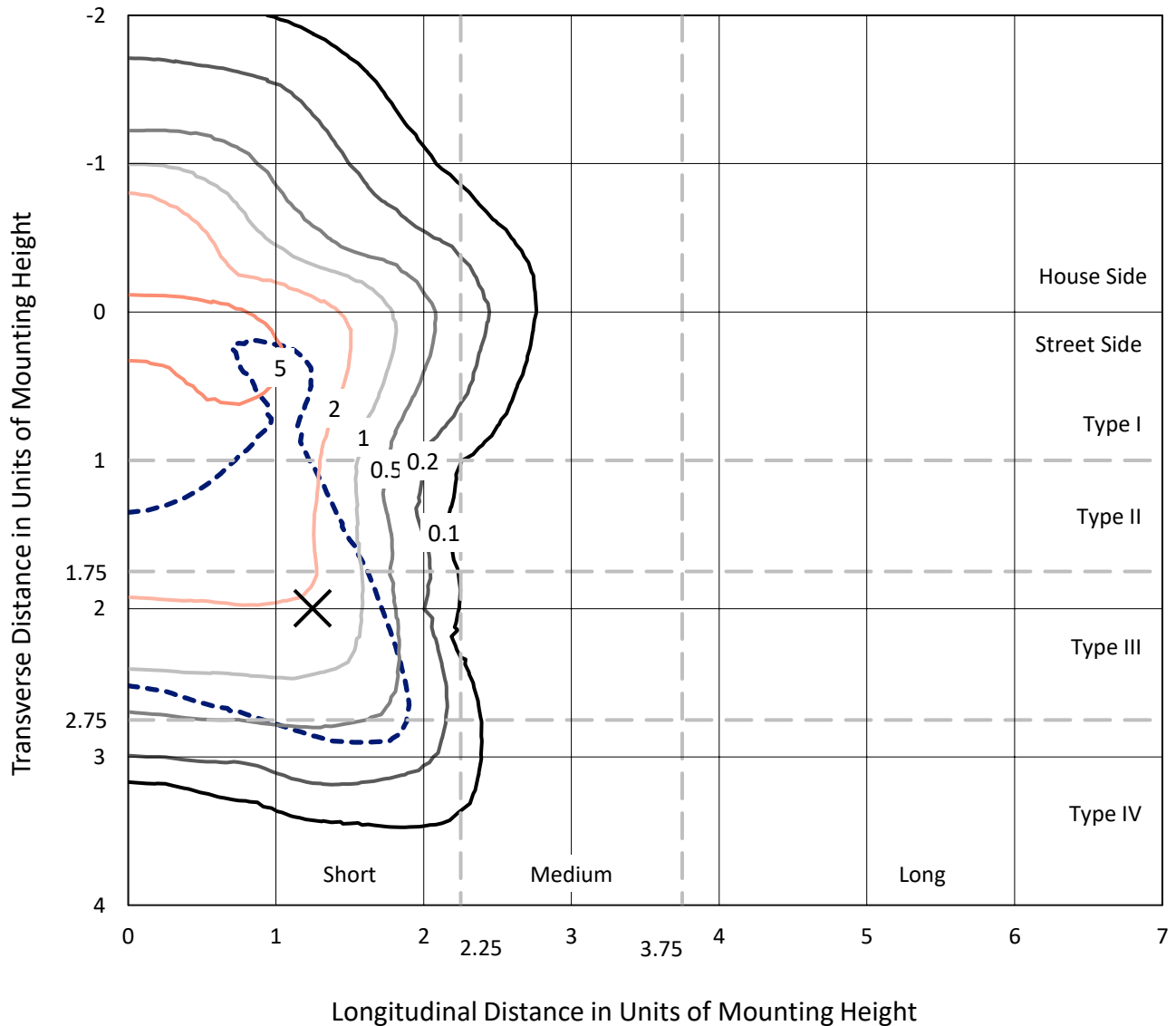
Input Watts (W): 109.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1457204

CATALOG NUMBER: GLAN-SB3B-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

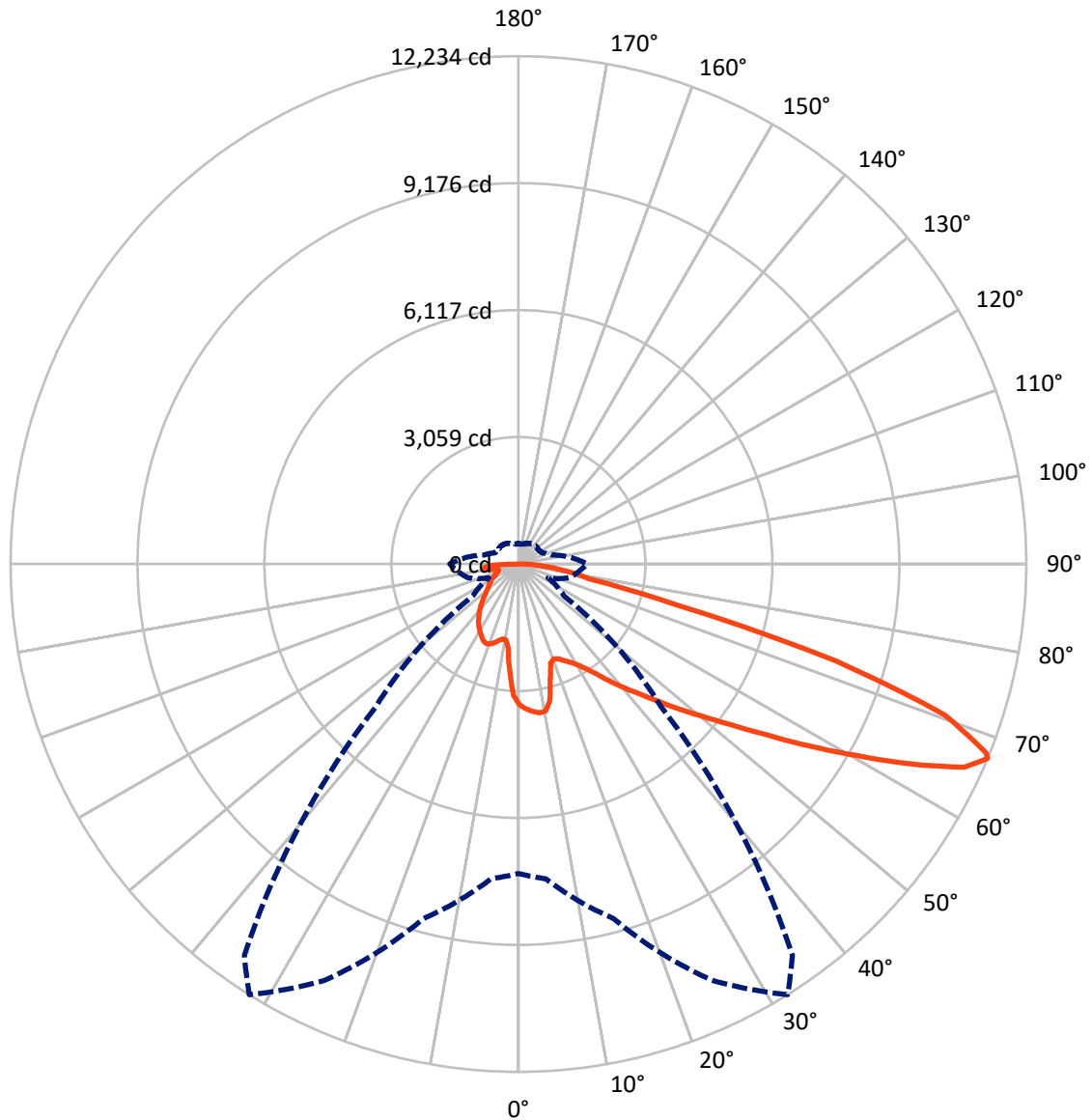


Based on 20 foot mounting height. Maximum calculated value = 9.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P1457204

CATALOG NUMBER: GLAN-SB3B-830-U-T4LG

Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P1457204

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3516.0	0.0	3516.0
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	11335.5	0.0	11335.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	14851.5	0.0	14851.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.5	2.0
10°-20°	787.2	5.3
20°-30°	1285.5	8.7
30°-40°	1894.8	12.8
40°-50°	2613.0	17.6
50°-60°	3301.0	22.2
60°-70°	3194.8	21.5
70°-80°	1140.2	7.7
80°-90°	338.6	2.3
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°	14851.5	100.0
0°-180°	14851.5	100.0



REPORT NUMBER: P1457204

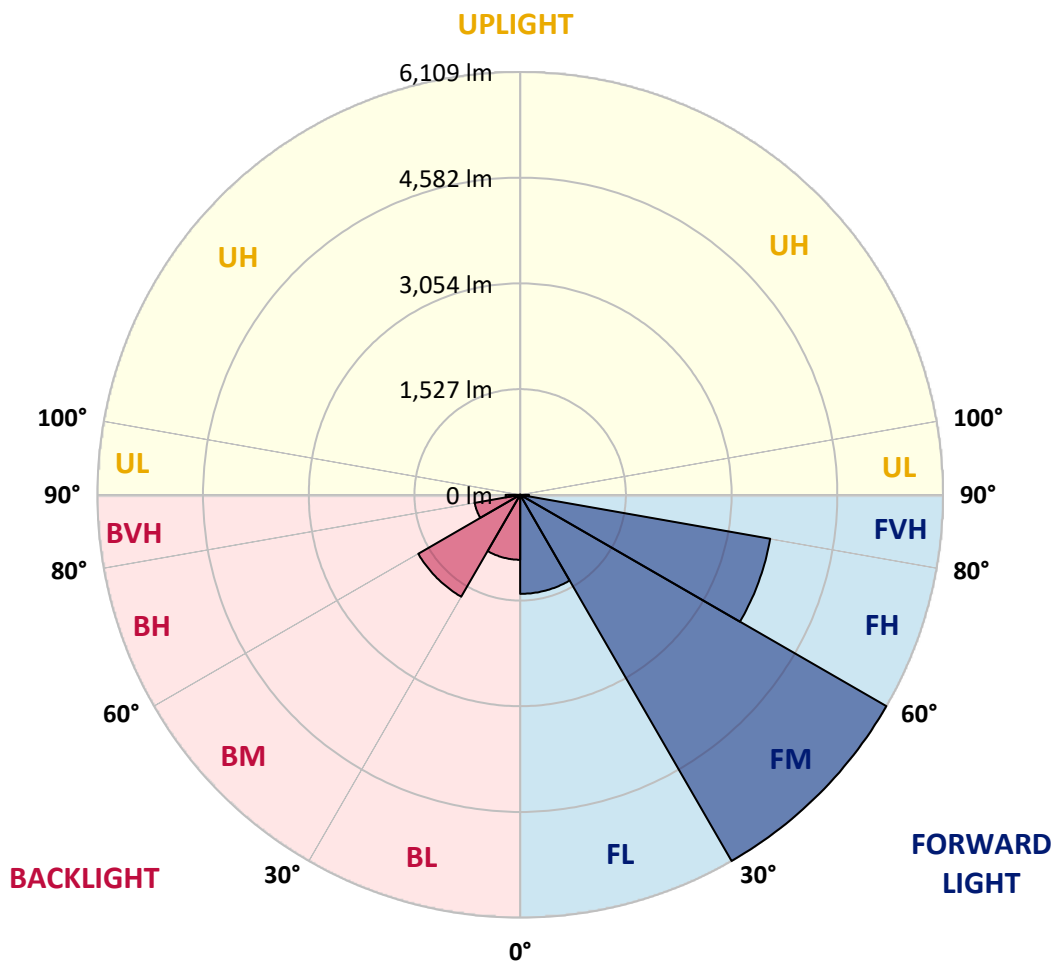
CATALOG NUMBER: GLAN-SB3B-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1431.0	9.6			
FM	(30°-60°)	6108.9	41.1			
FH	(60°-80°)	3668.0	24.7			G2/5000
FVH	(80°-90°)	127.6	0.9			G2/225
BL	(0°-30°)	938.3	6.3	B2/1000		
BM	(30°-60°)	1699.8	11.4	B2/2500		
BH	(60°-80°)	666.9	4.5	B2/1000		G2/1000
BVH	(80°-90°)	211.0	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type IV Short





REPORT NUMBER: P1457204

CATALOG NUMBER: GLAN-SB3B-830-U-T4LG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3
2.5°	3521.9	3512.0	3502.1	3508.7	3495.5	3492.2	3475.7	3469.1	3449.3	3446.0	3409.8
5°	3594.4	3574.6	3571.3	3577.9	3564.8	3564.8	3551.6	3541.7	3512.0	3495.5	3442.7
7.5°	3594.4	3591.1	3597.7	3620.8	3624.1	3624.1	3624.1	3627.4	3597.7	3574.6	3492.2
10°	3390.0	3357.0	3429.5	3545.0	3601.0	3634.0	3693.4	3729.6	3706.6	3690.1	3577.9
12.5°	2779.9	2783.2	2898.6	3146.0	3370.2	3465.8	3713.1	3845.1	3854.9	3828.6	3686.8
15°	2357.8	2374.3	2433.7	2611.7	2868.9	3010.7	3597.7	3947.3	4026.4	4000.0	3818.7
17.5°	2229.2	2239.1	2265.5	2367.7	2512.8	2628.2	3284.5	4013.2	4234.2	4201.2	3967.1
20°	2209.4	2216.0	2249.0	2334.7	2433.7	2499.6	2964.6	3960.5	4428.7	4415.5	4102.3
22.5°	2212.7	2219.3	2262.2	2380.9	2483.1	2539.2	2862.4	3838.5	4633.2	4646.4	4240.8
25°	2219.3	2222.6	2288.6	2446.9	2575.5	2644.7	2928.3	3729.6	4804.7	4916.8	4392.5
27.5°	2255.6	2265.5	2354.5	2532.6	2684.3	2763.4	3083.3	3765.9	4992.6	5223.5	4573.8
30°	2354.5	2361.1	2469.9	2654.6	2819.5	2901.9	3268.0	3911.0	5223.5	5540.0	4751.9
32.5°	2509.5	2516.1	2641.4	2832.7	3010.7	3109.7	3508.7	4188.0	5480.7	5873.1	4930.0
35°	2723.9	2727.2	2868.9	3073.4	3261.4	3373.5	3789.0	4501.3	5747.8	6156.7	5061.9
37.5°	2977.8	3000.9	3146.0	3360.3	3581.2	3683.5	4118.8	4867.3	5985.2	6397.4	5137.7
40°	3327.3	3333.9	3475.7	3683.5	3917.6	4016.5	4448.5	5213.6	6245.7	6539.2	5207.0
42.5°	3686.8	3742.8	3861.5	4092.4	4267.1	4346.3	4824.5	5530.1	6453.5	6545.8	5177.3
45°	4168.2	4211.1	4329.8	4534.3	4709.0	4801.4	5230.1	5820.3	6559.0	6489.8	5111.3
47.5°	4718.9	4745.3	4840.9	5025.6	5220.2	5286.1	5652.2	5985.2	6598.6	6450.2	5081.7
50°	5368.6	5368.6	5437.8	5596.1	5774.2	5866.5	6041.3	6084.2	6714.0	6380.9	5157.5
52.5°	5916.0	5942.4	6034.7	6258.9	6437.0	6542.5	6344.7	6235.8	6479.9	5995.1	5180.6
55°	6440.3	6470.0	6677.7	6958.0	7261.4	7376.8	6723.9	6160.0	5691.7	5431.2	5022.3
57.5°	6941.5	7004.2	7264.7	7812.1	8270.5	8260.6	7205.3	5480.7	4646.4	4808.0	4676.1
60°	7640.6	7706.6	8122.1	8811.3	9371.9	9137.8	7211.9	4560.6	3620.8	3838.5	4026.4
62.5°	8224.3	8336.4	8946.5	10094.1	10608.5	10242.5	6615.1	3492.2	2404.0	2677.7	3113.0
65°	8171.6	8320.0	9266.4	11037.2	11805.6	11465.9	5741.2	2209.4	1239.9	1830.2	2179.7
67°	7452.7	7614.3	8841.0	11070.2	12234.3	11508.8	4847.5	1335.5	788.1	1269.6	1513.6
67.5°	7040.5	7277.9	8629.9	11007.5	12155.1	11327.4	4445.2	1117.9	742.0	1180.6	1378.4
70°	4329.8	4712.3	6476.6	9731.3	10895.4	9480.7	2469.9	633.1	603.5	791.4	953.0
72.5°	1302.6	1418.0	2499.6	6242.4	7996.8	7027.3	1111.3	488.1	540.8	636.4	735.4
75°	633.1	676.0	1032.2	2552.4	3894.5	3874.7	620.0	418.8	501.2	534.2	580.4
77.5°	405.6	432.0	643.0	1427.9	1784.0	1589.5	448.5	366.0	445.2	438.6	432.0
80°	253.9	267.1	412.2	827.7	1315.8	1098.1	329.8	300.1	382.5	339.7	306.7
82.5°	164.9	181.4	263.8	504.5	939.8	817.8	217.6	214.3	316.6	270.4	237.4
85°	108.8	122.0	168.2	296.8	557.3	583.7	141.8	148.4	244.0	204.5	181.4
87.5°	39.6	49.5	85.7	131.9	260.5	323.2	59.4	56.1	118.7	95.6	75.8
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: P1457204

CATALOG NUMBER: GLAN-SB3B-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3	3393.3
2.5°	3403.2	3393.3	3347.1	3307.5	3277.9	3238.3	3195.4	3146.0	3113.0	3119.6	3109.7
5°	3419.7	3393.3	3304.2	3169.0	3037.1	2872.2	2661.2	2535.9	2440.3	2390.8	2404.0
7.5°	3455.9	3409.8	3221.8	2948.1	2605.1	2268.8	2061.0	1942.3	1886.3	1863.2	1859.9
10°	3518.6	3439.4	3116.3	2605.1	2156.7	1929.1	1853.3	1820.3	1813.7	1813.7	1810.4
12.5°	3594.4	3469.1	2938.2	2272.1	1942.3	1859.9	1846.7	1850.0	1859.9	1869.8	1853.3
15°	3686.8	3482.3	2717.3	2070.9	1899.4	1879.7	1899.4	1922.5	1939.0	1952.2	1935.7
17.5°	3779.1	3469.1	2509.5	1975.3	1906.0	1932.4	1972.0	2008.3	2018.2	2037.9	2024.8
20°	3845.1	3423.0	2331.4	1939.0	1922.5	1981.9	2031.3	2070.9	2090.7	2103.9	2090.7
22.5°	3894.5	3363.6	2202.8	1902.7	1922.5	1995.1	2054.4	2100.6	2123.7	2136.9	2120.4
25°	3937.4	3281.2	2103.9	1850.0	1883.0	1952.2	2018.2	2064.3	2097.3	2117.1	2107.2
27.5°	3990.1	3215.2	2011.6	1770.8	1800.5	1866.5	1935.7	1991.8	2054.4	2087.4	2080.8
30°	4049.5	3182.2	1922.5	1685.1	1704.9	1770.8	1853.3	1929.1	2014.9	2057.7	2057.7
32.5°	4118.8	3159.1	1840.1	1602.7	1619.1	1691.7	1770.8	1840.1	1932.4	2001.7	1998.4
35°	4148.4	3132.8	1774.1	1526.8	1559.8	1619.1	1681.8	1728.0	1823.6	1906.0	1912.6
37.5°	4178.1	3122.9	1741.2	1467.5	1493.8	1540.0	1573.0	1596.1	1685.1	1770.8	1774.1
40°	4214.4	3169.0	1764.2	1427.9	1404.8	1451.0	1467.5	1480.6	1526.8	1582.9	1582.9
42.5°	4191.3	3202.0	1817.0	1391.6	1296.0	1348.7	1355.3	1352.0	1355.3	1358.6	1355.3
45°	4131.9	3169.0	1817.0	1335.5	1180.6	1236.6	1233.3	1216.8	1190.4	1121.2	1111.3
47.5°	4118.8	3149.2	1747.8	1243.2	1065.1	1111.3	1117.9	1084.9	1009.1	936.5	913.4
50°	4174.8	3185.5	1638.9	1131.1	966.2	1005.8	1022.3	966.2	880.5	804.6	791.4
52.5°	4257.3	3231.7	1480.6	1009.1	883.8	923.3	943.1	880.5	791.4	732.1	725.5
55°	4247.4	3231.7	1302.6	897.0	821.1	850.8	883.8	817.8	748.6	715.6	712.3
57.5°	4033.0	3109.7	1170.7	817.8	761.8	788.1	831.0	768.4	702.4	709.0	718.9
60°	3614.2	2793.1	1071.7	765.1	709.0	735.4	781.5	709.0	623.3	600.2	600.2
62.5°	2977.8	2301.8	992.6	712.3	659.5	692.5	715.6	620.0	563.9	537.5	537.5
65°	2232.5	1780.7	910.1	669.4	616.7	652.9	626.6	580.4	524.3	504.5	507.8
67°	1655.4	1381.7	840.9	633.1	590.3	606.8	587.0	554.0	497.9	481.5	497.9
67.5°	1487.2	1312.5	824.4	623.3	583.7	596.9	577.1	550.7	491.3	474.9	491.3
70°	1022.3	1009.1	735.4	577.1	547.4	534.2	544.1	511.1	461.7	455.1	471.6
72.5°	778.2	804.6	659.5	537.5	507.8	491.3	514.4	481.5	432.0	441.9	458.4
75°	610.1	649.6	590.3	481.5	461.7	465.0	511.1	497.9	458.4	468.3	471.6
77.5°	451.8	524.3	504.5	418.8	402.3	448.5	577.1	616.7	547.4	530.9	507.8
80°	329.8	375.9	425.4	346.3	336.4	432.0	712.3	788.1	676.0	610.1	593.6
82.5°	244.0	263.8	349.6	277.0	244.0	385.8	791.4	926.6	804.6	679.3	659.5
85°	174.8	204.5	277.0	204.5	161.6	316.6	774.9	906.9	798.0	643.0	626.6
87.5°	62.7	89.0	118.7	92.3	82.4	217.6	639.7	652.9	497.9	227.5	230.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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



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

REPORT NUMBER: SP1-2407-184-9

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: SP1-2407-184-9

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	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			

REPORT NUMBER: SP1-2407-184-9

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			

REPORT NUMBER: SP1-2407-184-9

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)