

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: P1456070

Luminaire Tested: GLAN-SB7D-830-U-T2LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1456070
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB7D-830-U-T2LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source: (182) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 62885.1 lumens
Efficiency: N/A
Efficacy: 122.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B5 - U0 - G5

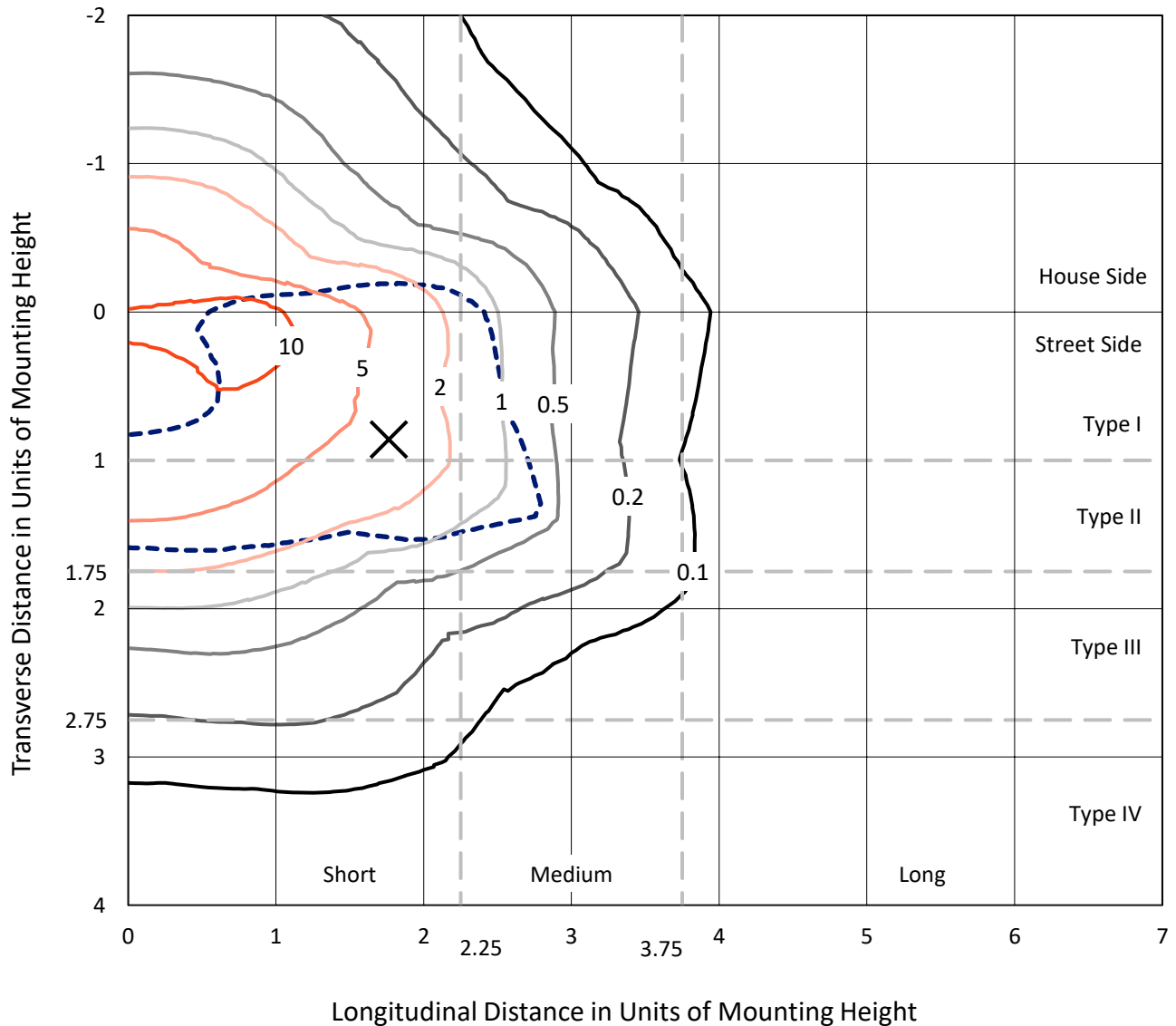
Input Watts (W): 512.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1456070

CATALOG NUMBER: GLAN-SB7D-830-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

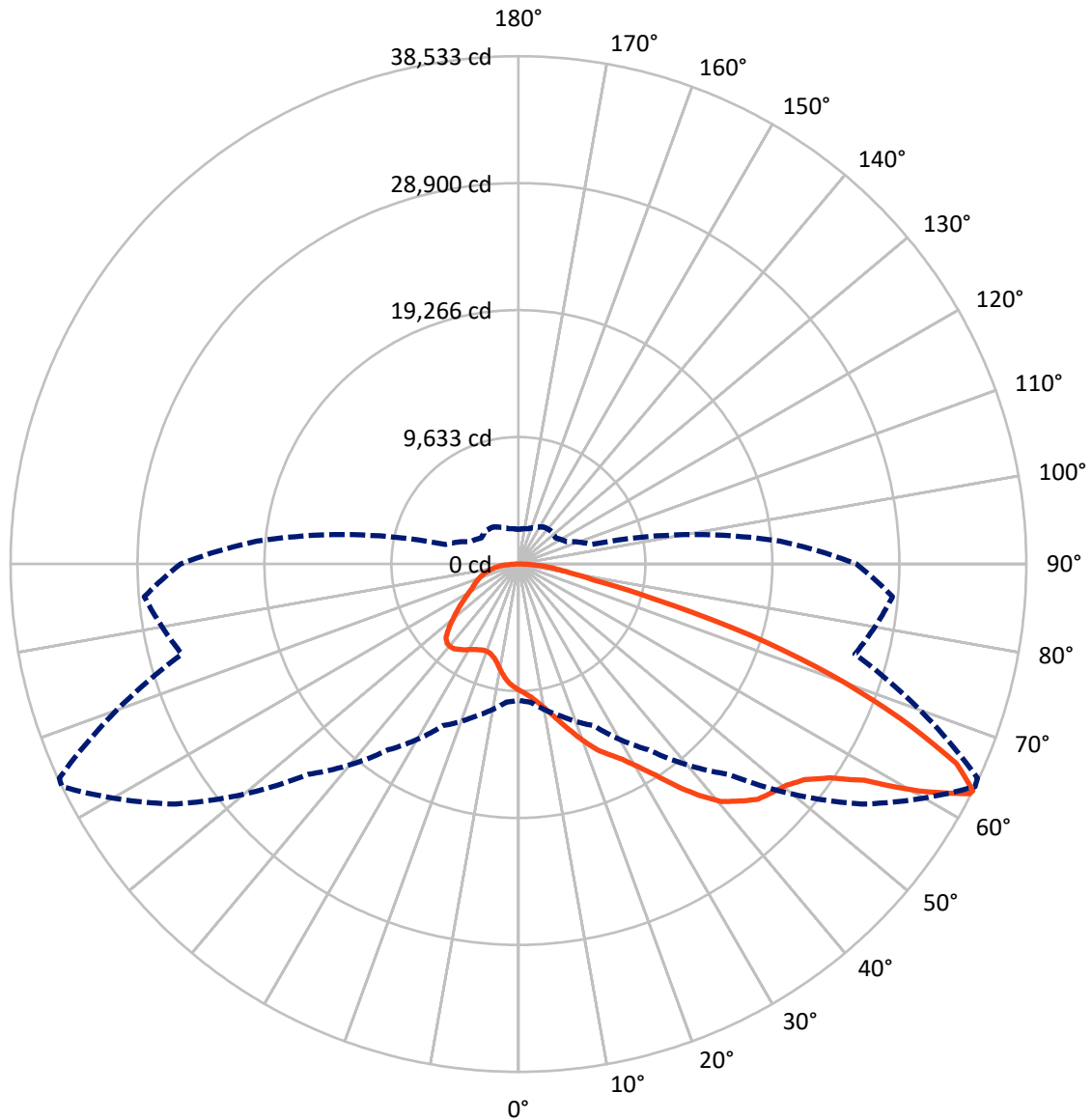


Based on 30 foot mounting height. Maximum calculated value = 16.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1456070

CATALOG NUMBER: GLAN-SB7D-830-U-T2LG

Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P1456070

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16895.5	0.0	16895.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	45989.6	0.0	45989.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	62885.1	0.0	62885.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	879.3	1.4
10°-20°	2706.9	4.3
20°-30°	4949.9	7.9
30°-40°	8514.7	13.5
40°-50°	12556.9	20.0
50°-60°	15050.2	23.9
60°-70°	12079.2	19.2
70°-80°	4853.8	7.7
80°-90°	1294.2	2.1
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°	62885.1	100.0
0°-180°	62885.1	100.0



REPORT NUMBER: P1456070

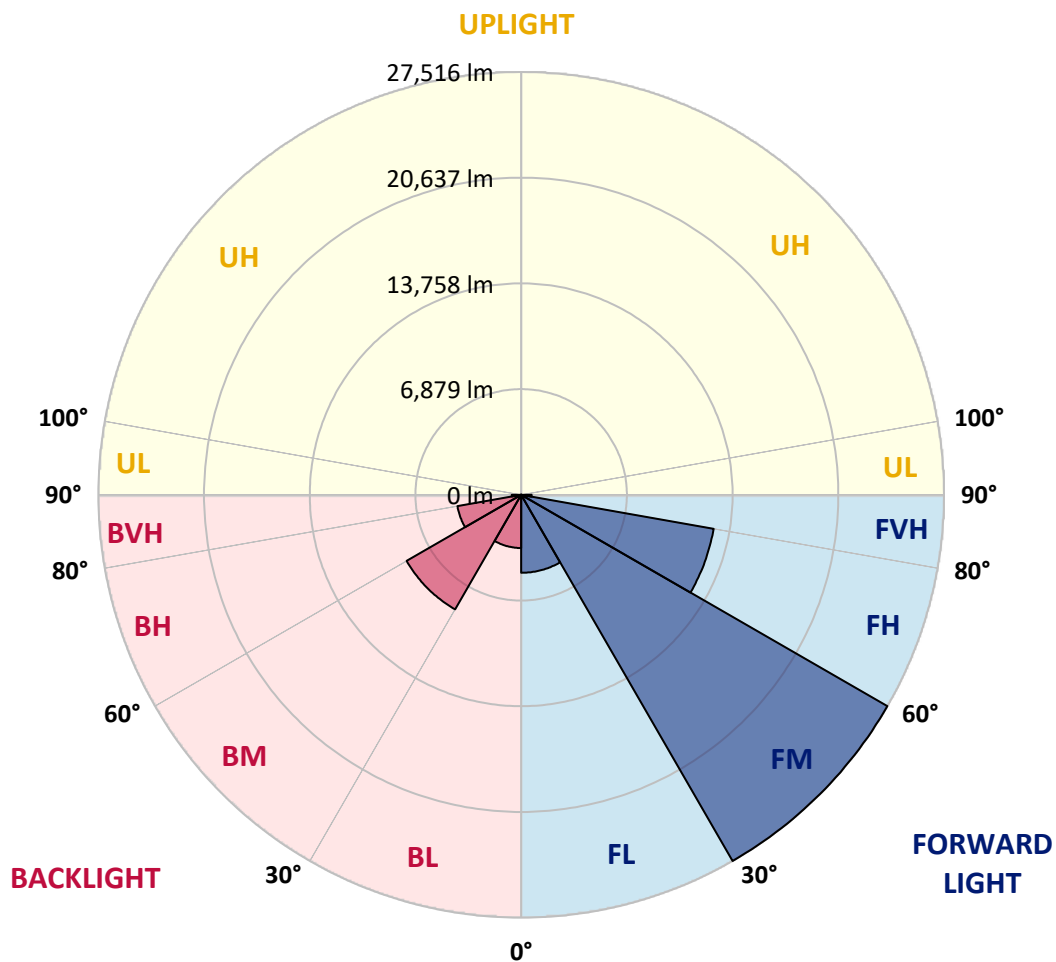
CATALOG NUMBER: GLAN-SB7D-830-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5073.6	8.1			
FM (30°-60°)	27515.6	43.8			
FH (60°-80°)	12720.5	20.2			G5
FVH (80°-90°)	680.0	1.1			G4/750
BL (0°-30°)	3462.5	5.5	B4/5000		
BM (30°-60°)	8606.2	13.7	B5		
BH (60°-80°)	4212.6	6.7	B4/5000		G4/5000
BVH (80°-90°)	614.2	1.0			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type II Short





REPORT NUMBER: P1456070

CATALOG NUMBER: GLAN-SB7D-830-U-T2LG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7
2.5°	9972.2	9986.3	9943.9	9929.8	9958.1	9901.6	9887.4	9830.9	9802.7	9746.2	9675.6
5°	10254.7	10268.8	10240.6	10240.6	10268.8	10226.4	10212.3	10155.8	10127.6	10071.1	9929.8
7.5°	10240.6	10254.7	10282.9	10395.9	10537.2	10593.7	10636.1	10593.7	10579.6	10494.8	10353.6
10°	10014.6	10028.7	10099.3	10268.8	10621.9	10876.2	11144.5	11144.5	11172.8	11102.2	10847.9
12.5°	9703.8	9717.9	9887.4	10155.8	10621.9	11059.8	11610.7	11836.7	11822.5	11780.2	11483.5
15°	8955.2	8955.2	9209.4	9717.9	10466.6	11186.9	12006.2	12613.5	12627.7	12670.0	12316.9
17.5°	8319.6	8333.7	8545.6	8997.6	9972.2	11116.3	12429.9	13475.2	13517.5	13757.7	13249.2
20°	8376.1	8376.1	8446.7	8644.4	9435.4	10833.8	12670.0	14393.3	14534.5	15099.5	14463.9
22.5°	8813.9	8813.9	8870.4	8856.3	9336.6	10650.2	12825.4	15311.4	15565.6	16738.0	15918.8
25°	9619.1	9604.9	9548.4	9463.7	9746.2	10847.9	13178.5	16017.6	16512.0	18546.0	17599.6
27.5°	10607.8	10579.6	10494.8	10353.6	10551.3	11441.2	13785.9	16766.3	17303.0	20523.5	19379.4
30°	11836.7	11751.9	11667.2	11483.5	11695.4	12415.8	14689.9	17825.6	18334.1	22769.3	21526.4
32.5°	13291.5	13390.4	13107.9	12853.7	13079.7	13743.5	16031.8	19082.7	19633.6	25114.1	23758.1
35°	15466.8	15763.4	15678.6	14393.3	14605.2	15339.6	17599.6	20707.1	21201.5	27246.9	26046.3
37.5°	17613.8	17543.1	17613.8	16540.3	16201.3	17091.1	19280.5	22260.8	22741.1	28984.3	28066.2
40°	19337.0	19548.9	19548.9	18673.1	18235.3	18828.5	20806.0	23687.5	24153.6	29944.8	29521.0
42.5°	21215.6	21243.9	21187.4	20424.6	20255.1	20410.5	22147.8	24591.5	24972.8	30439.2	30509.8
45°	23334.3	23320.2	23080.1	22444.5	22190.2	22049.0	22981.2	25467.2	25848.6	30665.2	31046.5
47.5°	25085.8	25156.5	25170.6	24492.6	24068.8	23461.5	23701.6	25905.1	26342.9	30410.9	31159.5
50°	25184.7	25297.7	25834.4	26032.2	25947.4	24972.8	24365.5	26371.2	26809.1	30467.4	31569.2
52.5°	24563.2	24676.2	25368.3	26187.6	27176.3	26710.2	25410.7	27176.3	27628.3	31018.3	32501.4
55°	22896.5	23080.1	24111.2	25255.3	27020.9	27684.8	27261.1	28631.2	29054.9	31456.2	33589.0
57.5°	19930.2	20156.2	21582.9	23405.0	25820.3	27458.8	29944.8	30961.8	31314.9	31766.9	33603.1
60°	14901.8	15085.4	17317.1	19774.9	23405.0	26046.3	31540.9	34959.1	35156.9	30086.0	31696.3
62.5°	10975.0	11158.7	12655.9	14421.5	18390.6	23447.3	31851.7	38419.7	38448.0	27049.2	29069.1
63°	10339.4	10523.1	11879.0	13531.7	17204.1	22571.6	31752.8	38532.7	38433.9	26427.7	28489.9
65°	8051.2	8376.1	9788.6	11045.7	12896.0	17966.9	30481.5	36527.0	36668.2	24591.5	25580.2
67.5°	5480.5	5720.6	7514.4	8969.3	9746.2	11441.2	25001.1	31258.4	31484.4	22684.6	20410.5
70°	4237.5	4350.5	5395.7	7104.8	7881.7	7274.3	16300.1	25170.6	25170.6	17712.6	14463.9
72.5°	3319.4	3361.7	4068.0	5551.1	6342.1	5593.5	9082.3	18305.9	17627.9	10508.9	9647.3
75°	2373.0	2429.5	3065.1	4138.6	5056.7	4407.0	5805.3	10664.3	10254.7	6045.5	6441.0
77.5°	1878.6	1906.9	2288.2	3051.0	4096.2	3361.7	4421.1	5819.5	5763.0	4251.6	4138.6
80°	1483.1	1539.6	1793.9	2189.4	3164.0	2627.2	3291.1	3842.0	3729.0	2923.9	2655.5
82.5°	1059.4	1158.2	1384.2	1666.7	2344.7	1878.6	2161.1	2712.0	2712.0	2203.5	1751.5
85°	649.7	734.5	819.2	1031.1	1666.7	1214.7	1144.1	1751.5	1793.9	1652.6	1130.0
87.5°	310.7	339.0	395.5	437.9	607.4	550.9	452.0	663.9	678.0	734.5	466.1
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: P1456070

CATALOG NUMBER: GLAN-SB7D-830-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7	9576.7
2.5°	9661.4	9633.2	9491.9	9350.7	9195.3	9054.1	8912.8	8799.8	8672.7	8700.9	8715.1
5°	9845.1	9774.4	9463.7	9096.4	8616.2	8164.2	7726.3	7415.6	7217.8	7161.3	7048.3
7.5°	10240.6	10071.1	9506.1	8729.2	7839.3	7133.1	6723.5	6539.8	6483.3	6497.5	6469.2
10°	10692.6	10438.3	9562.6	8291.3	7161.3	6681.1	6624.6	6737.6	6794.1	6850.6	6864.7
12.5°	11285.8	10876.2	9534.3	7811.1	6836.5	6751.7	6963.6	7175.5	7302.6	7387.3	7373.2
15°	11977.9	11427.0	9449.6	7415.6	6794.1	7020.1	7288.5	7528.6	7683.9	7768.7	7726.3
17.5°	12811.3	12076.8	9350.7	7161.3	6921.2	7189.6	7472.1	7712.2	7881.7	7938.2	7895.8
20°	13842.4	12811.3	9181.2	7048.3	7020.1	7260.2	7514.4	7740.4	7881.7	7938.2	7881.7
22.5°	15057.1	13687.0	9039.9	7048.3	7062.5	7260.2	7443.8	7613.3	7740.4	7782.8	7712.2
25°	16610.9	14704.0	8983.4	7161.3	7076.6	7189.6	7288.5	7387.3	7457.9	7486.2	7457.9
27.5°	18192.9	15876.4	9011.7	7302.6	7062.5	7090.7	7090.7	7104.8	7119.0	7133.1	7119.0
30°	20015.0	17062.9	9124.7	7486.2	7090.7	6949.5	6907.1	6822.3	6751.7	6695.2	6638.7
32.5°	21780.6	18192.9	9322.4	7754.6	7062.5	6794.1	6709.3	6497.5	6299.7	6130.2	6130.2
35°	23687.5	19365.2	9675.6	7952.3	7034.2	6652.8	6412.7	6172.6	5960.7	5720.6	5720.6
37.5°	25326.0	20368.1	9958.1	8178.3	7006.0	6483.3	6102.0	5833.6	5607.6	5367.5	5339.2
40°	26470.1	20947.2	10127.6	8263.1	6907.1	6257.3	5805.3	5466.3	5141.5	4816.6	4802.5
42.5°	27020.9	20919.0	10028.7	8234.8	6723.5	5974.8	5551.1	5099.1	4661.2	4364.6	4336.3
45°	27317.6	20735.4	9647.3	7994.7	6426.8	5678.2	5226.2	4746.0	4308.1	4039.7	3983.2
47.5°	27261.1	20283.4	9124.7	7401.4	6031.3	5353.3	4901.3	4407.0	4053.8	3898.5	3898.5
50°	27416.4	19930.2	8531.4	6723.5	5494.6	4972.0	4604.7	4152.7	3940.8	3743.1	3672.5
52.5°	28108.6	20226.9	8022.9	6087.8	4986.1	4604.7	4350.5	3969.1	3700.7	3573.6	3531.2
55°	29026.7	20862.5	7542.7	5522.8	4491.7	4279.8	4152.7	3799.6	3488.9	3361.7	3291.1
57.5°	29196.2	21300.4	7076.6	4972.0	4082.1	4025.6	3983.2	3503.0	3248.7	3149.9	3093.4
60°	28023.8	20975.5	6469.2	4477.6	3757.2	3785.5	3672.5	3319.4	3022.7	2923.9	2867.4
62.5°	26032.2	20128.0	5861.8	4053.8	3503.0	3559.5	3446.5	3093.4	2796.7	2697.9	2669.6
63°	25636.7	19902.0	5720.6	4011.5	3446.5	3517.1	3418.2	3065.1	2768.5	2669.6	2627.2
65°	23277.8	18546.0	5226.2	3785.5	3262.9	3262.9	3277.0	2923.9	2669.6	2627.2	2599.0
67.5°	18983.9	15480.9	4689.5	3517.1	3065.1	3107.5	3178.1	2980.4	2881.5	2853.2	2825.0
70°	14350.9	11653.0	4223.3	3262.9	2853.2	2994.5	3474.7	3390.0	3022.7	2768.5	2712.0
72.5°	10169.9	7938.2	3813.7	3008.6	2599.0	2952.1	3601.9	3234.6	2726.1	2429.5	2373.0
75°	6808.2	5113.2	3404.1	2740.2	2316.5	2726.1	3404.1	2952.1	2373.0	2302.4	2217.6
77.5°	4279.8	3644.2	2994.5	2429.5	2005.7	2429.5	3093.4	2627.2	2048.1	2076.4	1949.2
80°	2613.1	2599.0	2514.2	2062.2	1610.2	1935.1	2599.0	2217.6	1638.5	1638.5	1454.9
82.5°	1553.7	1878.6	2132.9	1709.1	1172.4	1384.2	1878.6	1666.7	1370.1	1327.7	1243.0
85°	1045.2	1271.2	1695.0	1313.6	748.6	847.5	1299.5	1398.4	1257.1	1101.7	1031.1
87.5°	381.4	508.5	776.9	536.7	324.9	508.5	974.6	1017.0	762.7	593.2	536.7
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)