

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: STREETWORKS

Report Number: P1063909

Luminaire Tested: **GLAN-SA1A-722-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063909
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-722-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2705.4 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

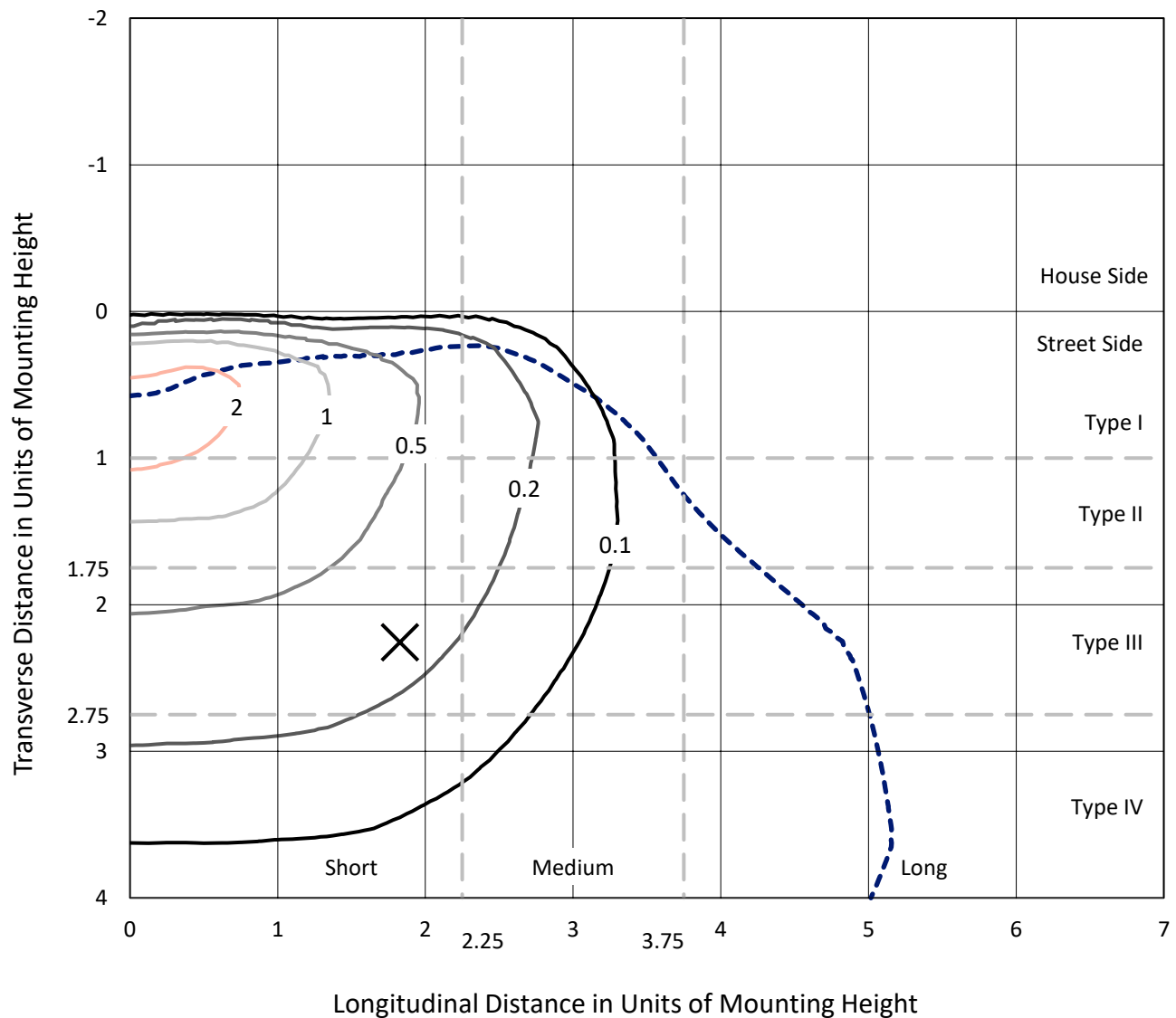


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

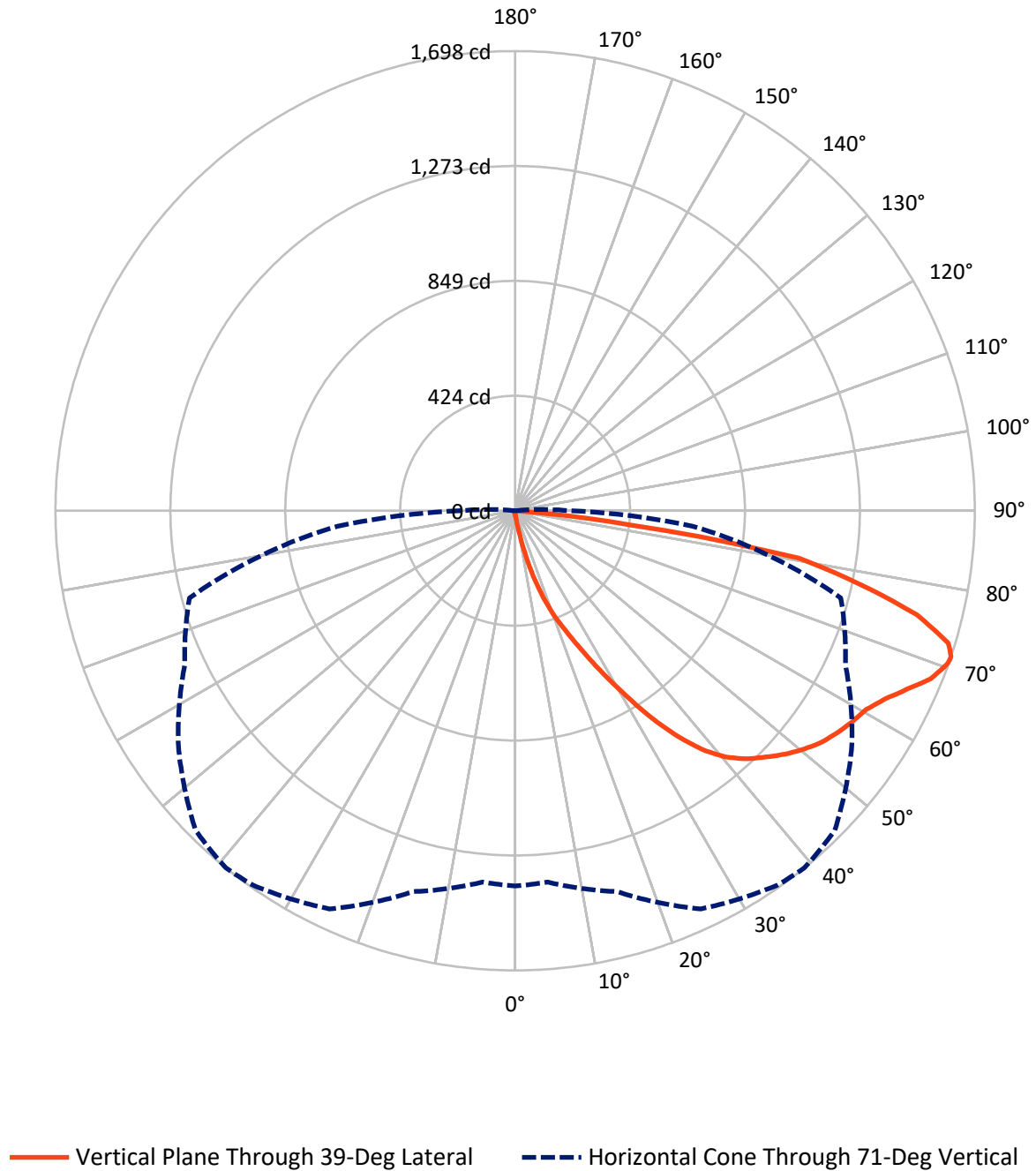


Based on 15 foot mounting height. Maximum calculated value = 2.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9.6	0.0	9.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2695.7	0.0	2695.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	2705.4	0.0	2705.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.1
10°-20°	28.9	1.1
20°-30°	103.0	3.8
30°-40°	248.2	9.2
40°-50°	415.3	15.4
50°-60°	533.5	19.7
60°-70°	675.1	25.0
70°-80°	601.9	22.2
80°-90°	97.3	3.6
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°	2705.4	100.0
0°-180°	2705.4	100.0



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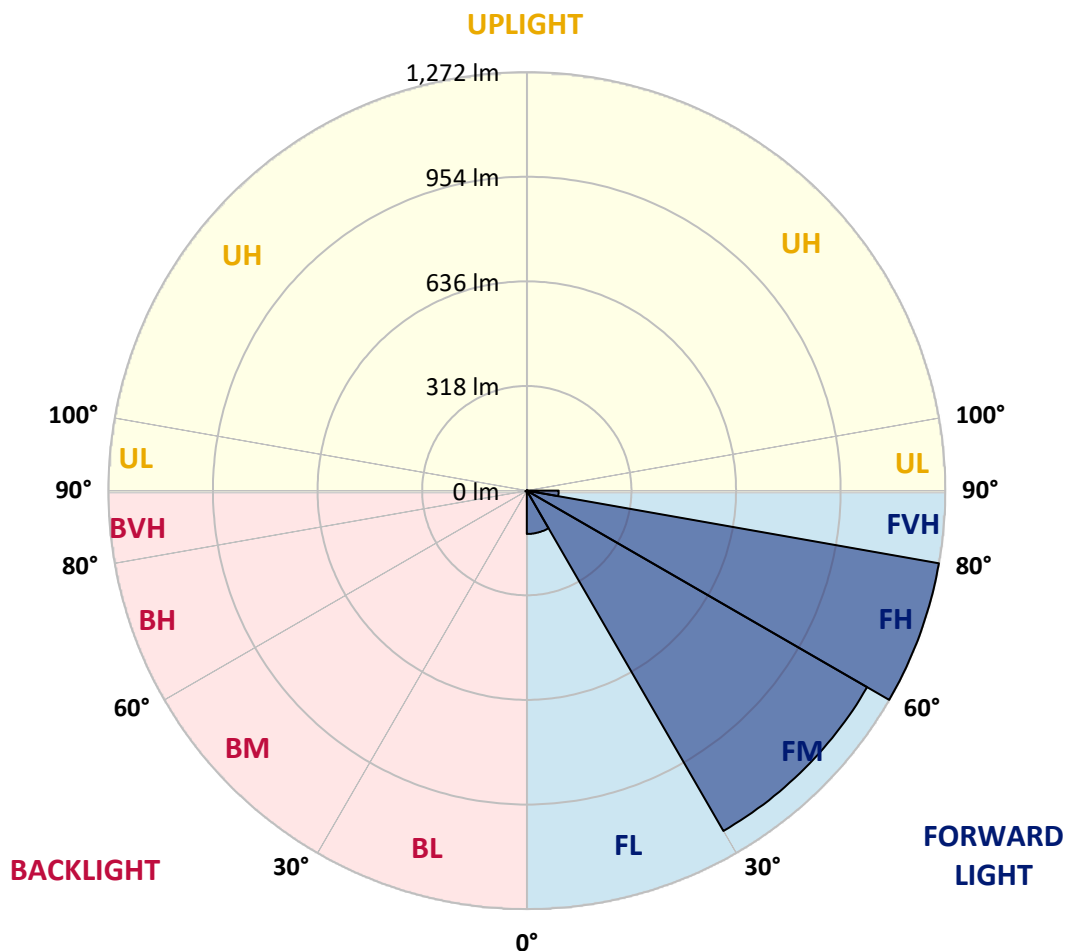
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	131.8	4.9			
FM	(30°-60°)	1194.7	44.2			
FH	(60°-80°)	1272.3	47.0			G1/1800
FVH	(80°-90°)	96.8	3.6			G1/100
BL	(0°-30°)	2.3	0.1	B0/110		
BM	(30°-60°)	2.2	0.1	B0/220		
BH	(60°-80°)	4.6	0.2	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short



REPORT NUMBER: P1063909

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2.5°	17.0	17.0	17.0	16.5	16.5	16.3	16.1	16.1	15.7	15.6	15.2
5°	25.8	25.3	24.0	23.3	21.8	20.9	20.0	18.7	17.4	16.5	15.4
7.5°	58.4	59.7	55.5	47.6	39.6	36.1	30.2	24.4	20.1	17.4	15.6
10°	148.9	148.2	133.9	118.1	91.2	80.4	63.0	39.7	26.0	19.0	15.7
12.5°	253.3	252.5	235.7	214.3	178.7	156.2	123.3	74.2	37.4	21.6	15.7
15°	341.0	338.1	332.8	311.5	269.9	251.1	207.5	131.1	60.4	26.0	16.1
17.5°	399.1	396.5	391.5	383.9	357.5	335.1	300.2	206.0	97.8	33.7	16.8
20°	452.4	450.5	446.5	445.0	428.0	416.1	387.2	292.1	152.4	45.8	17.9
22.5°	525.6	521.8	523.4	514.6	498.0	483.7	465.9	382.2	219.0	65.9	20.0
25°	615.3	613.5	608.9	602.7	579.6	567.2	539.9	467.2	293.6	92.3	22.2
27.5°	723.8	721.7	720.6	706.4	679.8	666.3	628.2	547.4	377.4	129.3	25.1
30°	848.7	849.6	842.4	824.1	793.2	774.1	734.9	631.5	463.3	172.7	28.2
32.5°	978.0	976.1	965.1	943.5	915.9	898.1	848.3	723.6	553.4	230.0	31.9
35°	1117.3	1113.8	1084.9	1060.2	1036.6	1014.2	968.8	830.5	643.5	294.3	36.8
37.5°	1258.0	1241.7	1183.6	1152.3	1136.0	1117.7	1075.4	944.6	733.1	366.1	42.9
40°	1364.2	1351.6	1282.7	1225.0	1212.0	1196.4	1164.9	1043.2	828.3	443.2	50.2
42.5°	1423.0	1416.0	1354.1	1297.2	1266.6	1252.8	1225.9	1129.2	922.5	528.4	60.8
45°	1448.1	1437.3	1395.9	1369.3	1320.6	1297.9	1265.9	1194.2	1020.8	625.1	75.6
47.5°	1440.4	1434.2	1404.5	1414.2	1378.8	1343.5	1296.4	1244.1	1104.9	736.0	96.0
50°	1392.0	1386.7	1377.6	1430.1	1425.7	1384.0	1336.0	1283.4	1173.5	850.5	127.5
52.5°	1300.1	1297.9	1321.3	1417.7	1452.3	1419.7	1374.1	1318.2	1237.6	970.1	172.5
55°	1181.6	1190.6	1257.6	1398.3	1465.8	1446.1	1407.8	1350.8	1289.1	1077.0	239.0
57.5°	1132.9	1135.3	1219.0	1384.5	1471.9	1469.3	1440.6	1382.0	1336.4	1162.6	340.5
60°	1189.8	1186.2	1230.3	1395.0	1484.0	1490.2	1469.7	1410.9	1377.4	1236.0	475.6
62.5°	1292.8	1290.8	1304.9	1439.5	1519.3	1532.0	1510.2	1431.8	1413.6	1284.3	629.8
65°	1384.7	1380.5	1406.7	1518.4	1581.4	1590.4	1571.3	1467.5	1429.6	1319.5	774.7
67.5°	1424.4	1423.5	1465.7	1593.5	1646.6	1656.3	1639.6	1516.7	1425.9	1330.7	838.6
70°	1406.3	1402.8	1470.2	1625.4	1683.4	1694.4	1678.3	1535.1	1386.2	1295.3	743.9
71°	1386.4	1377.0	1456.5	1623.2	1688.5	1697.9	1669.7	1518.4	1346.2	1245.2	658.0
72.5°	1324.5	1326.1	1418.8	1600.3	1676.3	1673.5	1621.0	1458.7	1298.1	1131.2	528.5
75°	1172.1	1181.8	1296.6	1504.1	1566.7	1531.8	1451.4	1344.6	1201.4	811.1	367.0
77.5°	957.8	972.3	1098.5	1319.1	1301.4	1297.9	1294.6	1184.7	1025.9	435.7	255.3
80°	457.3	488.6	662.6	941.7	1023.0	1062.4	1037.7	954.7	793.4	207.5	152.6
82.5°	29.9	29.5	41.8	79.1	333.5	431.1	684.9	682.4	553.1	101.1	62.3
85°	14.1	14.5	15.9	18.1	21.1	23.1	31.9	186.8	264.6	48.2	13.6
87.5°	8.2	8.4	9.9	12.6	16.5	18.3	21.8	28.0	34.4	26.6	2.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GLAN-SA1A-722-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2.5°	15.0	14.8	14.3	13.7	13.2	12.8	12.6	12.8	12.8	13.0	13.0
5°	15.0	14.5	13.6	12.5	11.7	11.0	10.6	10.4	10.6	10.6	10.6
7.5°	14.8	13.9	12.6	11.4	10.4	9.5	9.2	9.0	9.0	9.2	9.2
10°	14.5	13.6	11.9	10.4	9.3	8.2	7.7	7.1	7.1	7.1	7.3
12.5°	14.3	13.0	11.0	9.5	8.1	6.8	5.7	5.1	5.3	5.3	5.3
15°	13.9	12.5	10.4	8.6	6.8	5.1	4.2	3.7	3.8	4.0	3.8
17.5°	13.9	12.3	9.7	7.5	5.3	3.8	3.1	2.7	2.7	2.9	2.9
20°	13.9	11.9	9.2	6.4	4.0	2.9	2.2	2.0	2.0	2.4	2.6
22.5°	14.3	11.9	8.4	5.3	3.3	2.2	1.6	1.5	1.6	2.0	2.2
25°	14.8	11.7	7.7	4.8	2.7	1.6	1.3	0.9	1.1	1.5	1.6
27.5°	15.4	11.5	7.0	4.2	2.2	1.3	0.9	0.7	0.5	0.7	0.7
30°	15.9	11.5	6.2	3.5	1.8	0.9	0.5	0.4	0.2	0.0	0.0
32.5°	16.3	11.2	5.7	2.7	1.5	0.7	0.4	0.2	0.0	0.0	0.0
35°	16.7	10.8	4.9	2.2	1.1	0.5	0.2	0.0	0.0	0.0	0.0
37.5°	17.0	10.3	4.2	1.8	0.9	0.4	0.0	0.0	0.0	0.0	0.0
40°	17.4	9.5	3.5	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	17.8	9.0	2.9	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	18.7	8.6	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	20.3	8.2	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	22.7	7.9	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	26.0	7.7	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	31.9	7.5	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	41.9	7.3	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	64.3	7.0	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	114.8	6.8	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	200.2	7.0	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	287.0	7.3	1.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	245.6	6.4	1.3	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0
71°	200.2	5.7	1.3	0.7	0.4	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	128.7	4.4	1.1	0.7	0.4	0.4	0.2	0.0	0.0	0.0	0.0
75°	54.4	3.7	1.1	0.7	0.5	0.4	0.4	0.2	0.0	0.0	0.0
77.5°	23.3	2.7	1.1	0.9	0.7	0.5	0.5	0.4	0.2	0.0	0.0
80°	8.8	2.2	1.3	1.1	0.9	0.9	0.7	0.4	0.2	0.0	0.0
82.5°	4.0	1.8	1.3	1.1	1.1	0.9	0.7	0.5	0.4	0.0	0.0
85°	2.6	1.6	1.3	1.1	1.1	0.9	0.9	0.5	0.4	0.0	0.0
87.5°	2.0	1.6	1.3	1.3	1.1	1.1	0.7	0.5	0.2	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

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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-2

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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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$



Color Vector Graphics



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

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)