

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: P1063153

Luminaire Tested: **GLAN-SA1A-935-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063153
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-935-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2797.2 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - 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

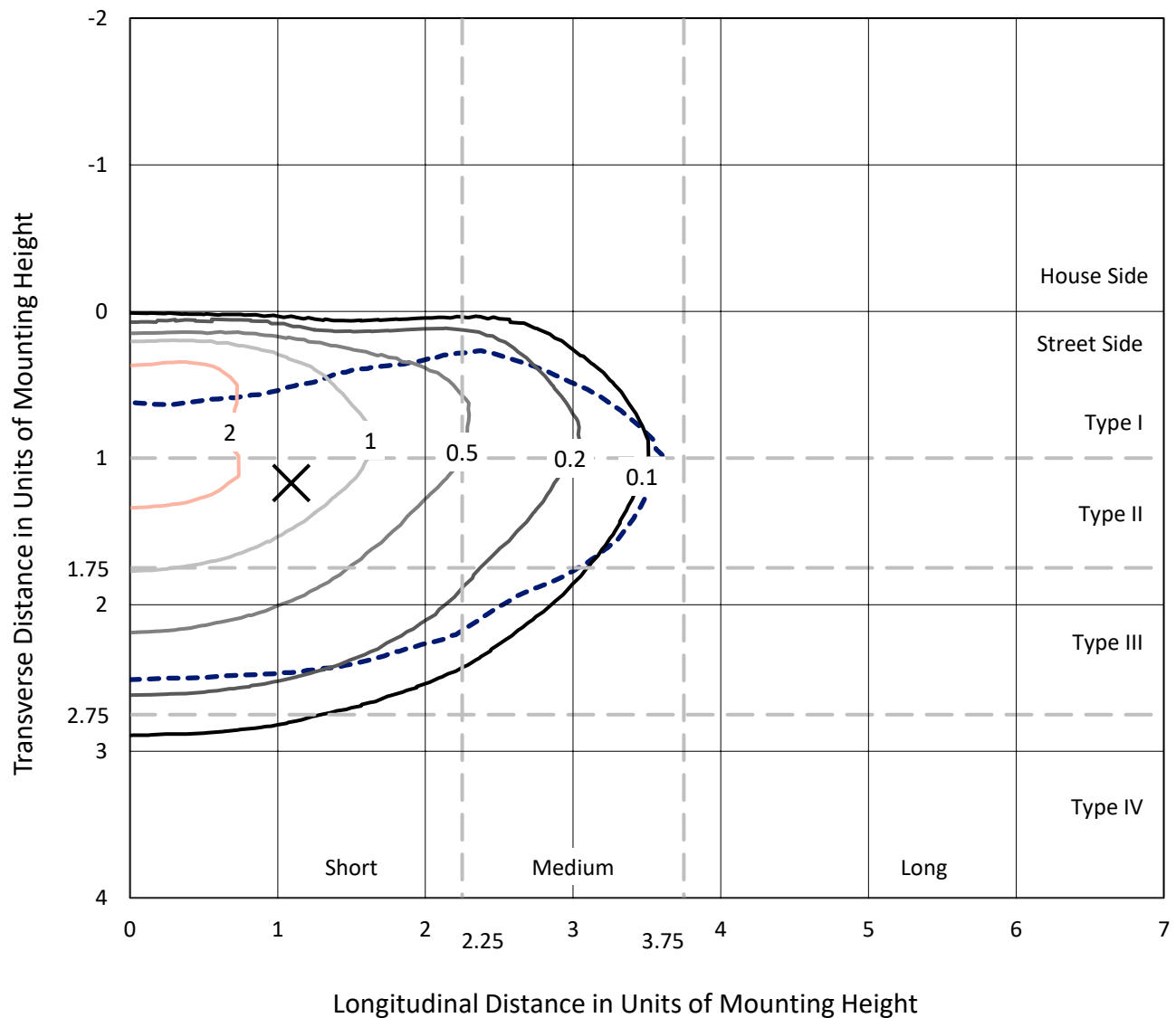


REPORT NUMBER: P1063153

CATALOG NUMBER: GLAN-SA1A-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

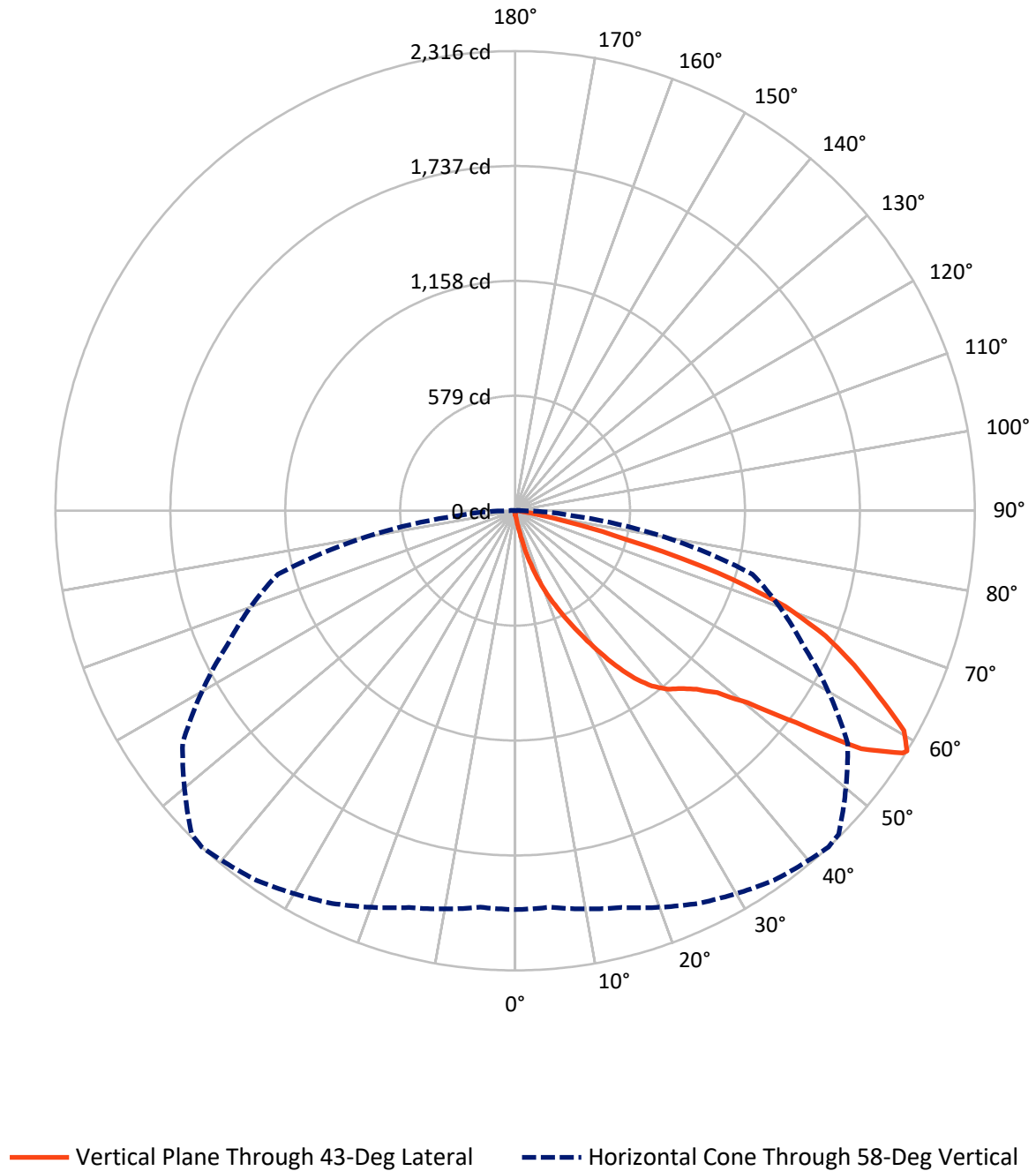


Based on 15 foot mounting height. Maximum calculated value = 3.1 fc
 Type III - Short - N/A

REPORT NUMBER: P1063153

CATALOG NUMBER: GLAN-SA1A-935-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063153

CATALOG NUMBER: GLAN-SA1A-935-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10.2	0.0	10.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2787.0	0.0	2787.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	2797.2	0.0	2797.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.7	0.1
10°-20°	32.2	1.1
20°-30°	115.9	4.1
30°-40°	265.2	9.5
40°-50°	447.2	16.0
50°-60°	738.0	26.4
60°-70°	824.8	29.5
70°-80°	340.6	12.2
80°-90°	30.7	1.1
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°	2797.2	100.0
0°-180°	2797.2	100.0



REPORT NUMBER: P1063153

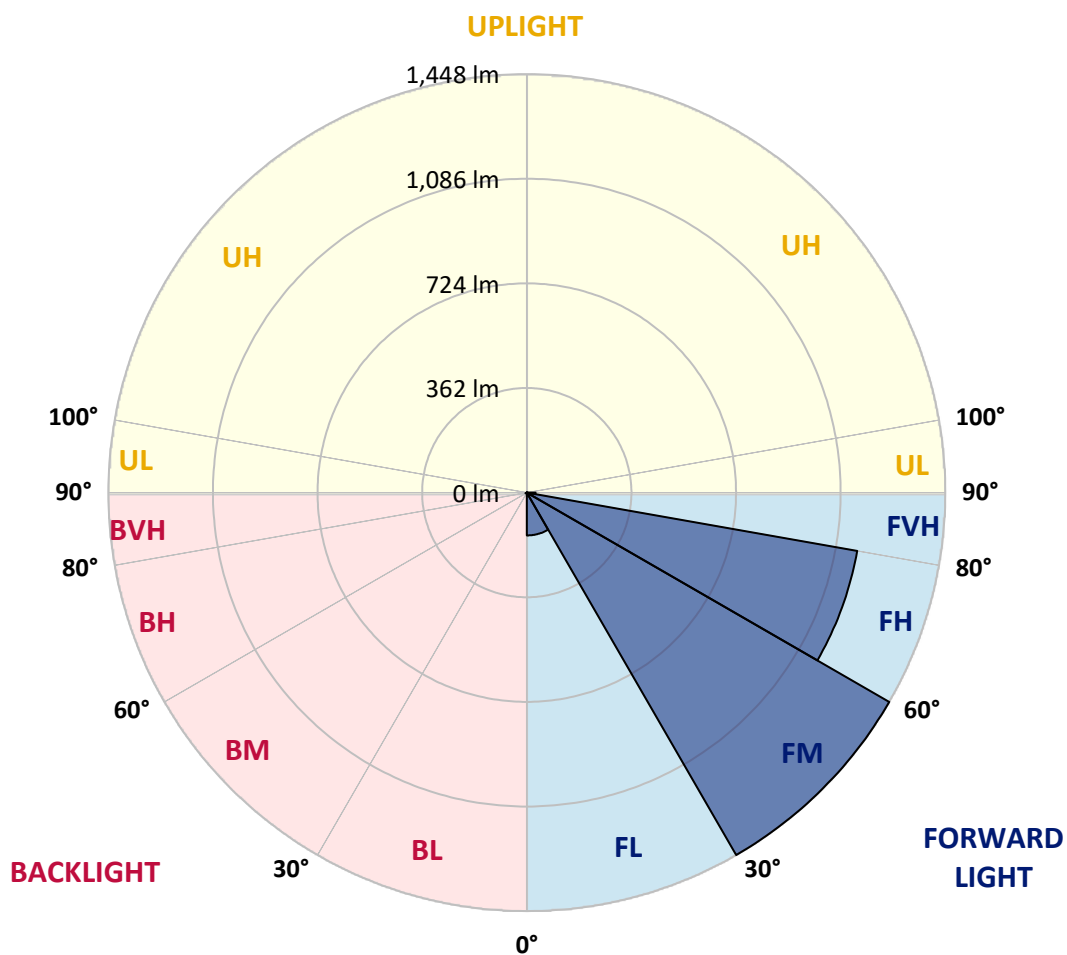
CATALOG NUMBER: GLAN-SA1A-935-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	148.1	5.3			
FM	(30°-60°)	1448.0	51.8			
FH	(60°-80°)	1160.7	41.5			G1/1800
FVH	(80°-90°)	30.3	1.1			G1/100
BL	(0°-30°)	2.7	0.1	B0/110		
BM	(30°-60°)	2.4	0.1	B0/220		
BH	(60°-80°)	4.7	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 III Short



REPORT NUMBER: P1063153

CATALOG NUMBER: GLAN-SA1A-935-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
2.5°	21.9	22.7	21.9	21.9	21.9	21.2	21.2	20.5	20.5	19.8	19.0
5°	32.2	32.2	30.0	28.5	27.1	26.3	25.6	24.1	22.7	21.2	19.8
7.5°	71.7	71.7	65.1	56.3	44.6	38.0	36.6	30.0	25.6	22.7	19.8
10°	171.2	171.2	156.6	132.4	102.4	76.1	68.0	43.2	30.7	24.1	20.5
12.5°	284.6	288.2	270.0	239.2	194.6	148.5	132.4	79.0	41.0	26.3	20.5
15°	386.3	377.5	372.4	343.1	300.7	245.8	225.3	133.2	59.3	30.0	20.5
17.5°	455.1	455.1	447.7	428.0	389.2	340.9	324.1	215.1	95.8	34.4	21.2
20°	535.5	535.5	522.4	508.5	474.1	433.1	417.0	305.8	148.5	43.9	21.2
22.5°	632.8	634.3	619.7	594.8	561.9	516.5	502.6	389.9	215.1	58.5	21.9
25°	751.3	752.8	731.6	708.2	657.7	608.7	587.5	486.5	296.3	81.9	21.9
27.5°	882.3	892.5	861.1	820.9	767.4	706.0	689.9	573.6	376.8	115.6	23.4
30°	1045.5	1045.5	1003.7	947.4	889.6	813.5	793.0	665.0	462.4	160.2	24.9
32.5°	1185.9	1174.9	1121.5	1062.3	1000.8	929.9	907.9	760.9	550.2	215.8	27.8
35°	1293.5	1284.0	1218.1	1154.5	1101.1	1035.9	1009.6	864.7	643.1	278.7	32.2
37.5°	1385.6	1382.0	1292.7	1213.0	1177.9	1120.8	1097.4	962.8	734.5	346.8	37.3
40°	1486.6	1474.9	1379.8	1281.0	1228.3	1182.3	1161.0	1041.8	822.3	426.5	44.6
42.5°	1572.9	1559.0	1473.4	1376.9	1286.9	1224.7	1204.2	1108.4	907.9	506.3	54.1
45°	1668.8	1661.5	1575.1	1502.0	1382.0	1282.5	1255.4	1161.8	986.2	601.4	66.6
47.5°	1812.9	1799.7	1719.2	1659.3	1520.3	1370.3	1331.5	1216.6	1061.5	695.0	85.6
50°	1980.4	1971.7	1924.1	1876.5	1738.3	1520.3	1474.2	1295.7	1145.7	806.2	110.5
52.5°	2117.2	2115.8	2121.6	2122.4	2017.7	1772.7	1703.9	1423.0	1242.2	916.0	145.6
55°	2114.3	2120.9	2185.3	2259.2	2267.2	2117.2	2050.7	1637.3	1368.1	1051.3	194.6
57.5°	2035.3	2030.2	2098.2	2209.4	2287.7	2303.8	2292.8	1970.2	1557.6	1214.4	270.0
58°	2009.7	2005.3	2069.7	2183.1	2273.1	2316.2	2305.3	2045.5	1600.0	1237.9	290.4
60°	1916.8	1917.5	1955.6	2058.7	2148.7	2251.1	2261.4	2260.6	1811.4	1394.4	393.6
62.5°	1793.9	1788.0	1823.1	1907.3	1986.3	2055.1	2072.6	2275.3	2120.9	1593.4	590.4
65°	1624.1	1615.4	1652.7	1747.8	1832.6	1877.3	1878.0	2079.2	2266.5	1807.0	871.3
67.5°	1308.8	1301.5	1376.1	1498.3	1629.3	1687.8	1714.1	1804.1	2143.6	1951.9	1032.3
70°	801.8	817.2	921.1	1112.8	1336.6	1444.2	1483.7	1511.5	1825.3	1929.9	863.3
72.5°	370.2	351.9	440.4	574.3	829.6	1068.9	1109.8	1218.8	1447.1	1675.4	643.8
75°	172.7	166.1	186.6	250.9	376.0	577.2	651.9	973.0	1109.8	1165.4	464.6
77.5°	88.5	89.3	106.1	114.1	155.1	267.0	306.5	640.1	813.5	650.4	311.7
80°	38.8	40.2	41.0	44.6	62.9	103.2	116.3	297.0	556.0	331.4	170.5
82.5°	24.9	25.6	25.6	25.6	30.0	41.0	46.8	119.3	277.3	164.6	52.7
85°	13.2	13.2	14.6	18.3	21.2	24.9	26.3	38.0	91.4	49.0	12.4
87.5°	7.3	8.0	8.8	11.0	13.9	16.8	18.3	26.3	35.1	33.7	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



REPORT NUMBER: P1063153

CATALOG NUMBER: GLAN-SA1A-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
2.5°	19.0	18.3	17.6	16.8	16.1	15.4	15.4	15.4	15.4	15.4	15.4
5°	18.3	17.6	16.8	15.4	13.9	13.2	12.4	11.7	11.7	11.7	11.7
7.5°	18.3	17.6	15.4	13.9	12.4	11.0	9.5	9.5	9.5	9.5	9.5
10°	18.3	16.8	14.6	12.4	10.2	8.8	8.0	7.3	7.3	7.3	7.3
12.5°	18.3	16.1	13.9	11.0	8.8	7.3	6.6	5.9	5.9	5.9	5.9
15°	18.3	16.1	13.2	10.2	8.0	5.9	5.1	4.4	4.4	4.4	4.4
17.5°	17.6	15.4	12.4	8.8	6.6	4.4	3.7	2.9	2.9	3.7	3.7
20°	16.8	14.6	11.0	7.3	5.1	3.7	2.2	2.2	2.2	2.2	2.2
22.5°	16.8	14.6	10.2	6.6	4.4	2.2	1.5	1.5	1.5	1.5	2.2
25°	16.8	13.9	8.8	5.1	2.9	1.5	0.7	0.7	0.7	0.7	0.7
27.5°	16.8	13.9	8.0	4.4	2.2	1.5	0.7	0.0	0.0	0.0	0.0
30°	16.1	13.2	7.3	3.7	1.5	0.7	0.0	0.0	0.0	0.0	0.0
32.5°	16.1	12.4	5.9	2.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0
35°	16.8	11.7	5.1	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.7
37.5°	17.6	11.0	4.4	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	18.3	10.2	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	19.8	10.2	3.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	21.2	10.2	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	24.1	11.0	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	26.3	11.7	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	29.3	11.0	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	32.9	11.0	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	35.8	10.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	37.3	9.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	44.6	8.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	69.5	7.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	141.2	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	263.4	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	294.8	6.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	185.8	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	98.0	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	49.0	5.1	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	22.7	3.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.5	2.2	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.4	2.2	1.5	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.2	2.2	1.5	1.5	0.7	0.7	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

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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

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

REPORT NUMBER: SP1-2407-184-15

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: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

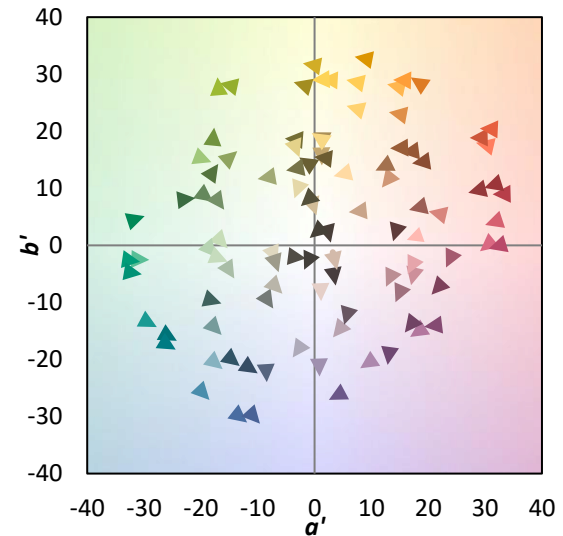
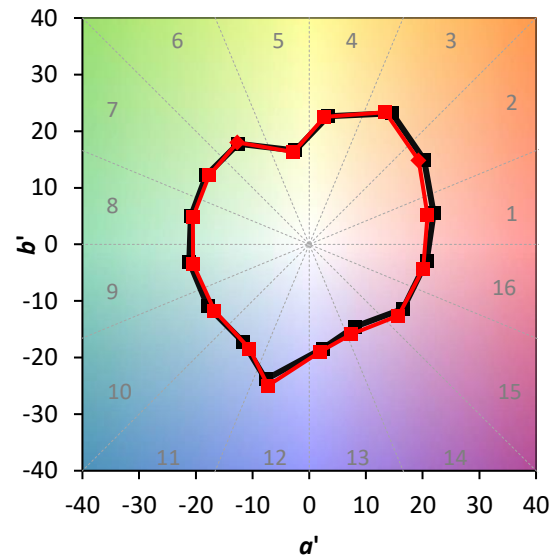
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.2$
 $R_9 = 59.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)