

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: P1063178

Luminaire Tested: **GLAN-SA7B-935-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063178
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7B-935-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23941.9 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
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



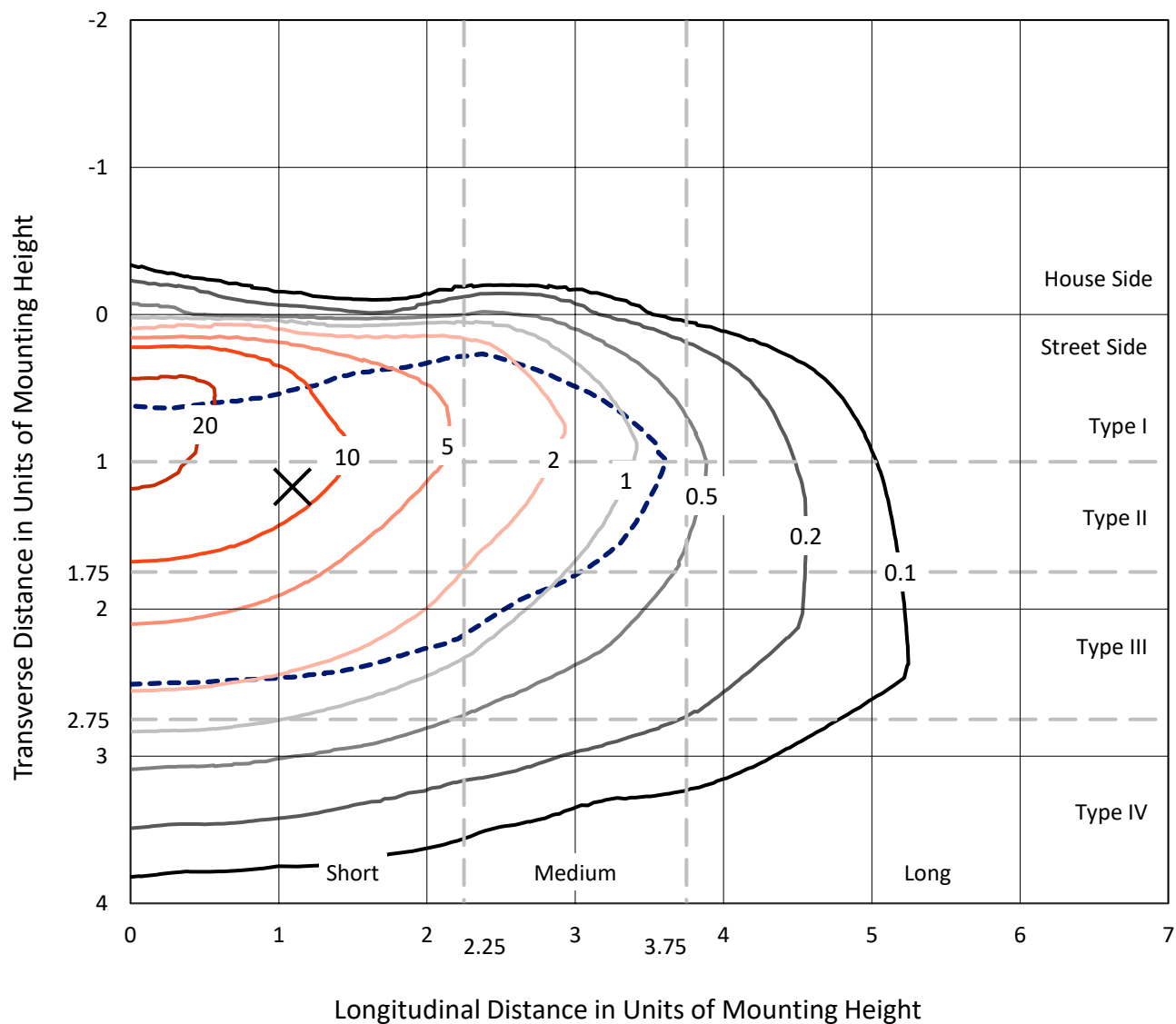
REPORT NUMBER: P1063178

CATALOG NUMBER: GLAN-SA7B-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

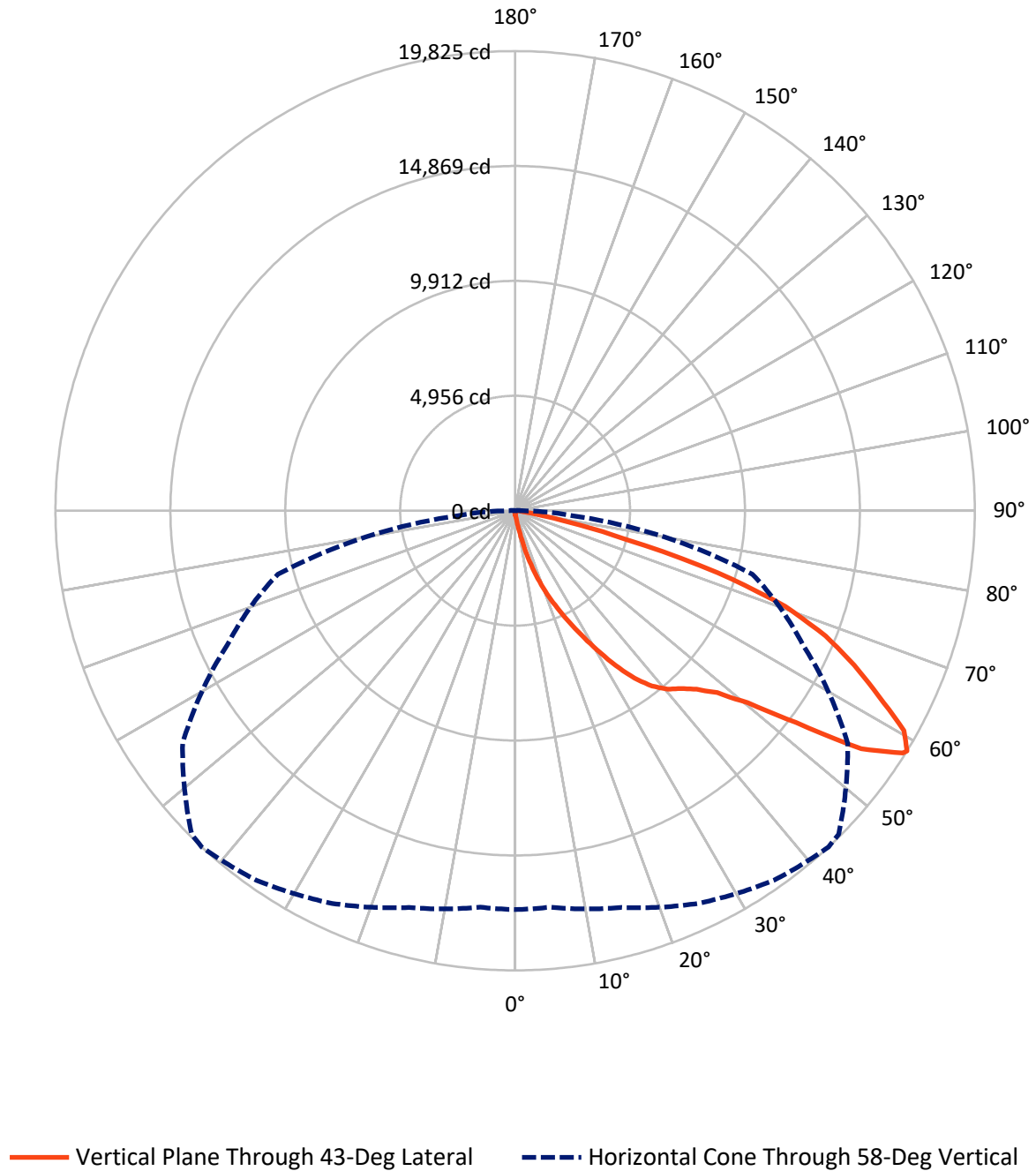


Based on 15 foot mounting height. Maximum calculated value = 26.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1063178

CATALOG NUMBER: GLAN-SA7B-935-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063178

CATALOG NUMBER: GLAN-SA7B-935-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.4	0.0	87.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23854.5	0.0	23854.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	23941.9	0.0	23941.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	0.1
10°-20°	275.2	1.1
20°-30°	991.9	4.1
30°-40°	2269.5	9.5
40°-50°	3827.8	16.0
50°-60°	6316.8	26.4
60°-70°	7059.9	29.5
70°-80°	2914.9	12.2
80°-90°	262.8	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°	23941.9	100.0
0°-180°	23941.9	100.0



REPORT NUMBER: P1063178

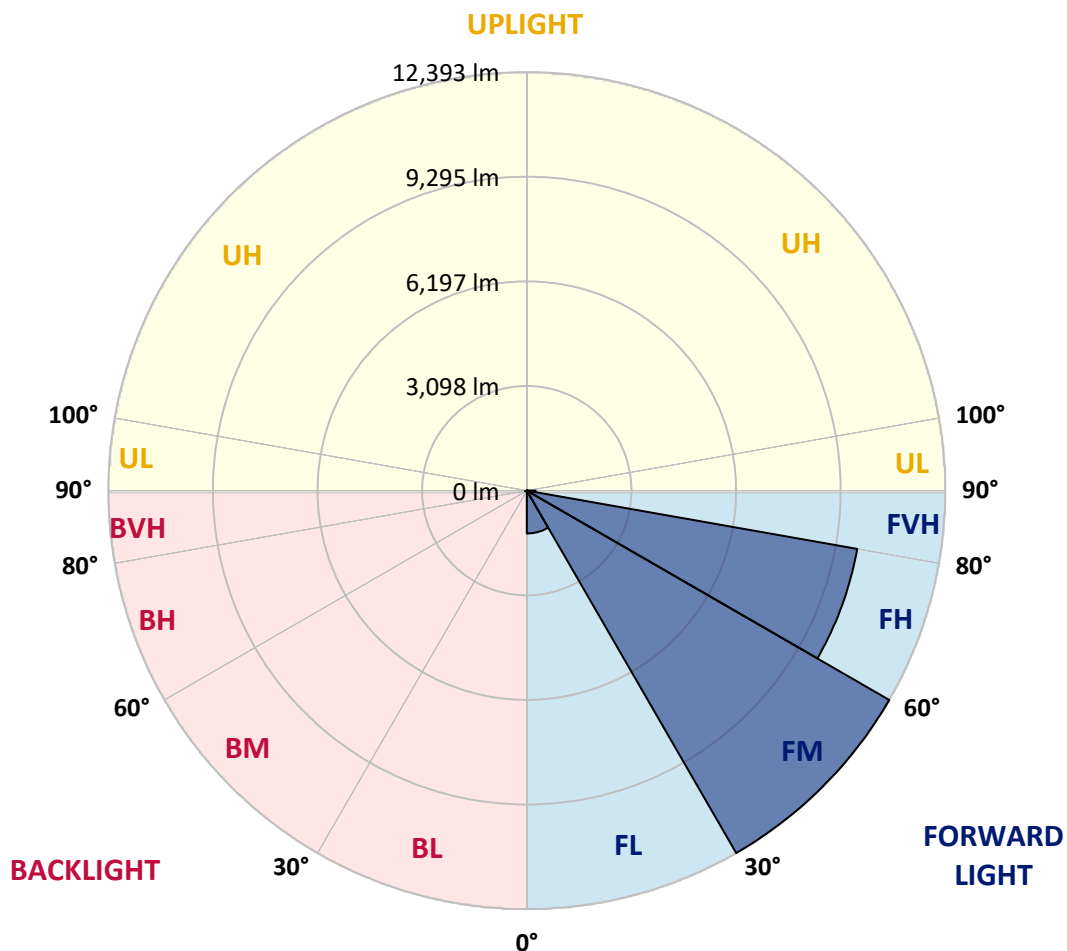
CATALOG NUMBER: GLAN-SA7B-935-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1267.3	5.3			
FM	(30°-60°)	12393.3	51.8			
FH	(60°-80°)	9934.8	41.5			G4/12000
FVH	(80°-90°)	259.2	1.1			G3/500
BL	(0°-30°)	22.8	0.1	B0/110		
BM	(30°-60°)	21.0	0.1	B0/220		
BH	(60°-80°)	40.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G4

Type III Short





REPORT NUMBER: P1063178

CATALOG NUMBER: GLAN-SA7B-935-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	187.9	194.1	187.9	187.9	187.9	181.6	181.6	175.3	175.3	169.1	162.8
5°	275.5	275.5	256.7	244.2	231.7	225.4	219.2	206.6	194.1	181.6	169.1
7.5°	613.7	613.7	557.3	482.2	382.0	325.6	313.1	256.7	219.2	194.1	169.1
10°	1465.3	1465.3	1340.0	1133.4	876.7	651.2	582.3	369.4	263.0	206.6	175.3
12.5°	2435.8	2467.1	2310.6	2047.6	1665.6	1271.1	1133.4	676.3	350.7	225.4	175.3
15°	3306.2	3231.1	3187.3	2936.8	2573.6	2104.0	1928.6	1139.6	507.2	256.7	175.3
17.5°	3894.8	3894.8	3832.2	3663.2	3331.3	2918.0	2774.0	1841.0	820.3	294.3	181.6
20°	4583.6	4583.6	4470.9	4352.0	4057.6	3707.0	3569.2	2617.4	1271.1	375.7	181.6
22.5°	5416.5	5429.0	5303.7	5090.8	4809.1	4420.8	4301.9	3337.5	1841.0	500.9	187.9
25°	6430.9	6443.4	6261.8	6061.4	5629.4	5209.8	5028.2	4164.1	2536.0	701.3	187.9
27.5°	7551.7	7639.4	7370.1	7025.7	6568.6	6042.6	5904.9	4909.3	3224.8	989.4	200.4
30°	8948.1	8948.1	8591.2	8109.0	7614.3	6963.1	6787.8	5692.0	3957.5	1371.3	212.9
32.5°	10150.4	10056.5	9599.3	9092.1	8566.1	7958.7	7770.9	6512.3	4708.9	1847.2	237.9
35°	11070.9	10989.5	10425.9	9881.1	9424.0	8866.7	8641.3	7401.4	5504.1	2385.7	275.5
37.5°	11859.9	11828.5	11064.6	10382.1	10081.5	9593.1	9392.7	8240.5	6286.8	2968.1	319.4
40°	12724.0	12623.8	11809.8	10964.4	10513.6	10119.1	9937.5	8916.8	7038.3	3650.6	382.0
42.5°	13462.9	13343.9	12611.3	11784.7	11014.5	10482.3	10306.9	9486.6	7770.9	4333.2	463.4
45°	14283.2	14220.5	13481.7	12855.5	11828.5	10976.9	10745.3	9943.7	8440.9	5147.2	569.8
47.5°	15516.7	15404.0	14715.2	14201.8	13012.0	11728.4	11396.5	10413.4	9085.9	5948.7	732.6
50°	16950.7	16875.6	16468.5	16061.5	14878.0	13012.0	12617.5	11089.6	9806.0	6900.5	945.5
52.5°	18121.7	18109.1	18159.2	18165.5	17270.0	15172.3	14583.7	12179.2	10632.5	7839.8	1246.1
55°	18096.6	18153.0	18704.0	19336.4	19405.3	18121.7	17551.8	14013.9	11709.6	8998.2	1665.6
57.5°	17420.3	17376.5	17958.8	18910.6	19580.7	19718.4	19624.5	16863.0	13331.4	10394.6	2310.6
58°	17201.2	17163.6	17714.6	18685.2	19455.4	19824.9	19730.9	17508.0	13694.6	10595.0	2485.9
60°	16405.9	16412.2	16737.8	17620.7	18390.9	19267.6	19355.2	19349.0	15504.2	11935.0	3368.8
62.5°	15353.9	15303.8	15604.4	16324.5	17000.8	17589.4	17739.7	19474.2	18153.0	13638.2	5053.3
65°	13901.2	13826.1	14145.4	14959.4	15685.8	16067.8	16074.0	17796.0	19399.1	15466.6	7457.8
67.5°	11202.4	11139.7	11778.4	12824.2	13945.0	14446.0	14671.4	15441.6	18347.1	16706.5	8835.4
70°	6862.9	6994.4	7883.6	9524.2	11440.3	12360.8	12698.9	12936.9	15623.2	16518.6	7388.9
72.5°	3168.5	3011.9	3769.6	4915.5	7100.9	9148.5	9499.2	10432.2	12385.8	14339.5	5510.4
75°	1477.8	1421.4	1596.8	2147.8	3218.6	4940.6	5579.3	8328.2	9499.2	9975.0	3976.2
77.5°	757.7	763.9	908.0	976.8	1327.5	2285.6	2623.7	5479.1	6963.1	5566.7	2667.5
80°	331.9	344.4	350.7	382.0	538.5	882.9	995.6	2542.3	4759.0	2836.6	1459.0
82.5°	212.9	219.2	219.2	219.2	256.7	350.7	400.8	1020.7	2373.2	1408.9	450.8
85°	112.7	112.7	125.2	156.5	181.6	212.9	225.4	325.6	782.7	419.5	106.5
87.5°	62.6	68.9	75.1	93.9	119.0	144.0	156.5	225.4	300.6	288.0	25.0
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: P1063178

CATALOG NUMBER: GLAN-SA7B-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5	156.5
2.5°	162.8	156.5	150.3	144.0	137.8	131.5	131.5	131.5	131.5	131.5	131.5
5°	156.5	150.3	144.0	131.5	119.0	112.7	106.5	100.2	100.2	100.2	100.2
7.5°	156.5	150.3	131.5	119.0	106.5	93.9	81.4	81.4	81.4	81.4	81.4
10°	156.5	144.0	125.2	106.5	87.7	75.1	68.9	62.6	62.6	62.6	62.6
12.5°	156.5	137.8	119.0	93.9	75.1	62.6	56.4	50.1	50.1	50.1	50.1
15°	156.5	137.8	112.7	87.7	68.9	50.1	43.8	37.6	37.6	37.6	37.6
17.5°	150.3	131.5	106.5	75.1	56.4	37.6	31.3	25.0	25.0	31.3	31.3
20°	144.0	125.2	93.9	62.6	43.8	31.3	18.8	18.8	18.8	18.8	18.8
22.5°	144.0	125.2	87.7	56.4	37.6	18.8	12.5	12.5	12.5	12.5	18.8
25°	144.0	119.0	75.1	43.8	25.0	12.5	6.3	6.3	6.3	6.3	6.3
27.5°	144.0	119.0	68.9	37.6	18.8	12.5	6.3	0.0	0.0	0.0	0.0
30°	137.8	112.7	62.6	31.3	12.5	6.3	0.0	0.0	0.0	0.0	0.0
32.5°	137.8	106.5	50.1	25.0	12.5	6.3	0.0	0.0	0.0	0.0	0.0
35°	144.0	100.2	43.8	18.8	6.3	0.0	0.0	0.0	0.0	0.0	6.3
37.5°	150.3	93.9	37.6	12.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	156.5	87.7	37.6	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	169.1	87.7	31.3	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	181.6	87.7	25.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	206.6	93.9	25.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	225.4	100.2	18.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	250.5	93.9	18.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	281.8	93.9	18.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	306.8	87.7	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	319.4	81.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	382.0	75.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	594.9	62.6	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1208.5	56.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2254.2	50.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2523.5	56.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1590.5	43.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	839.1	43.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	419.5	43.8	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	194.1	31.3	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	81.4	18.8	12.5	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	37.6	18.8	12.5	12.5	6.3	6.3	0.0	0.0	0.0	0.0	0.0
87.5°	18.8	18.8	18.8	12.5	12.5	6.3	6.3	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: SP1-2407-184-15

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

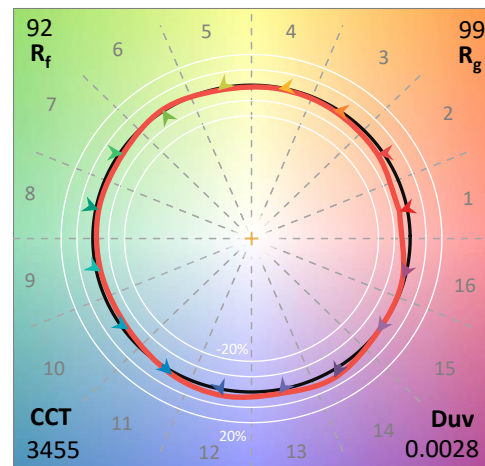
Test Information

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



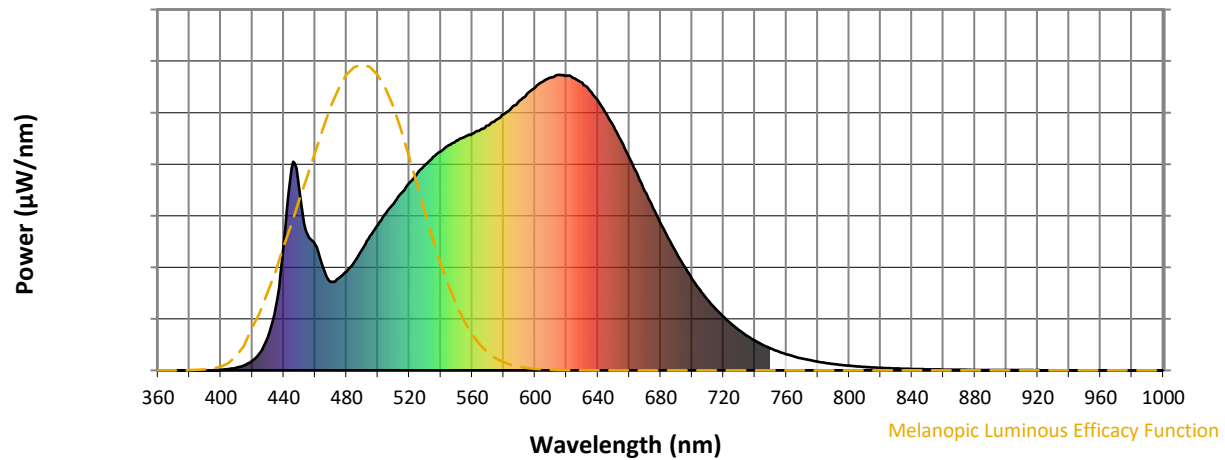
Scotopic Lumens: NR

S/P: 1.58

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

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

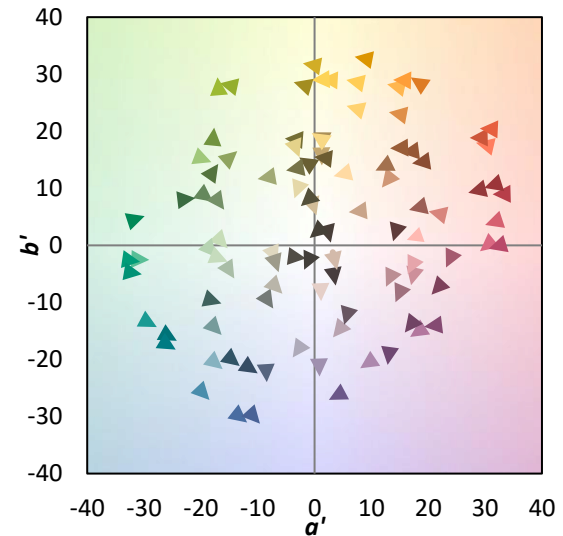
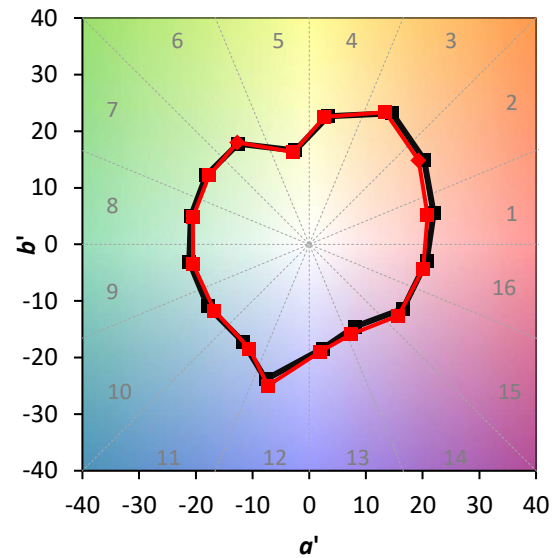
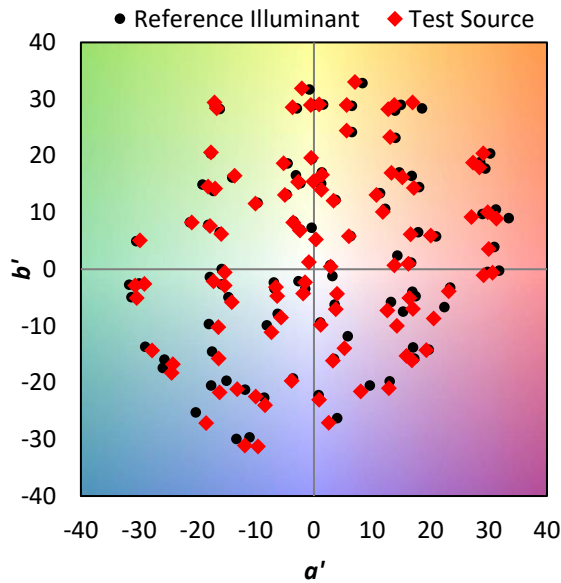
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE R_a = 92.2$
 $R_9 = 59.8$



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)