

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: McGRAW-EDISON

Report Number: P1047402

Luminaire Tested: **GALN-SA8B-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047402
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34140.9 lumens
Efficiency: N/A
Efficacy: 120.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.8
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

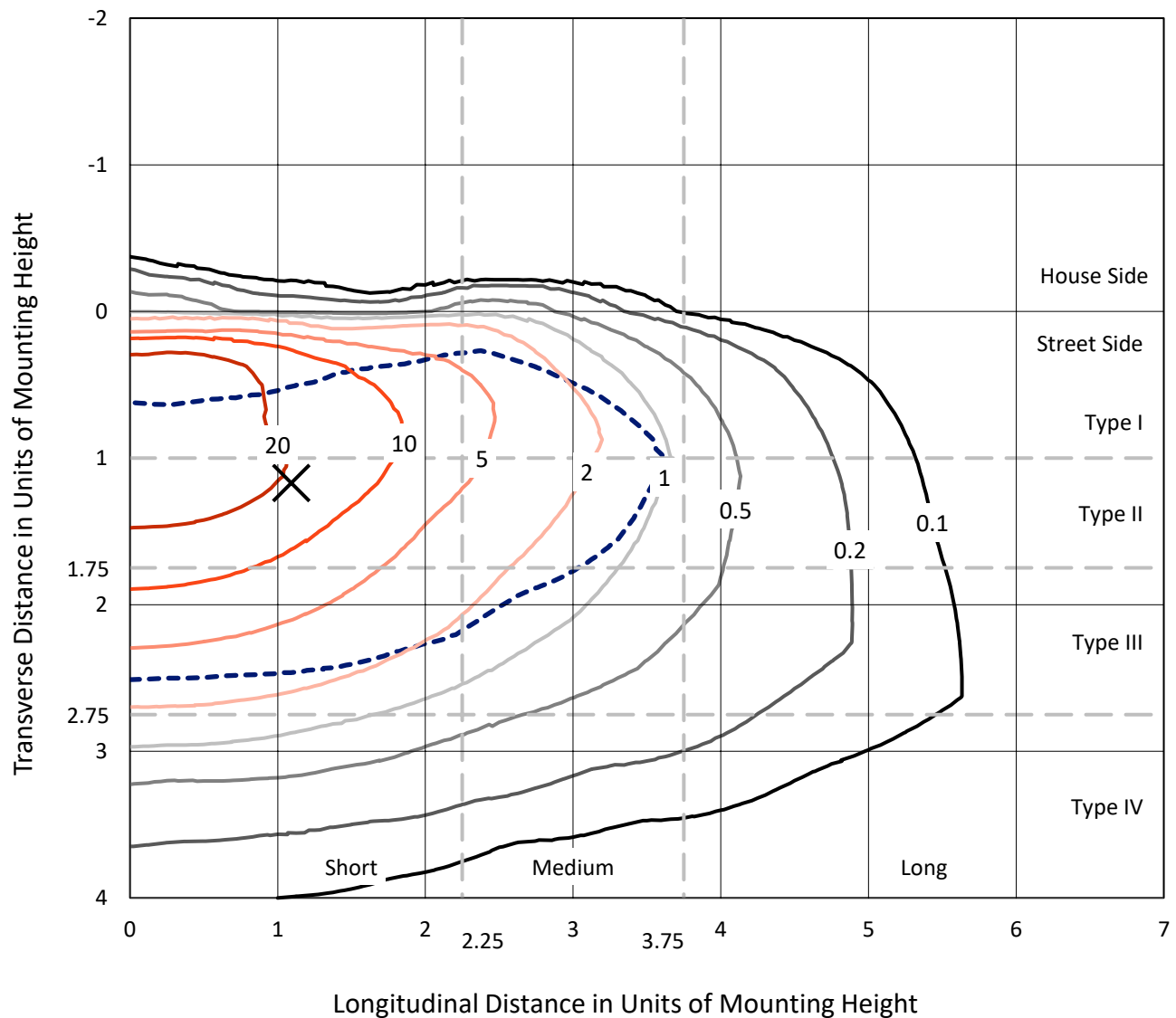


REPORT NUMBER: P1047402

CATALOG NUMBER: GALN-SA8B-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

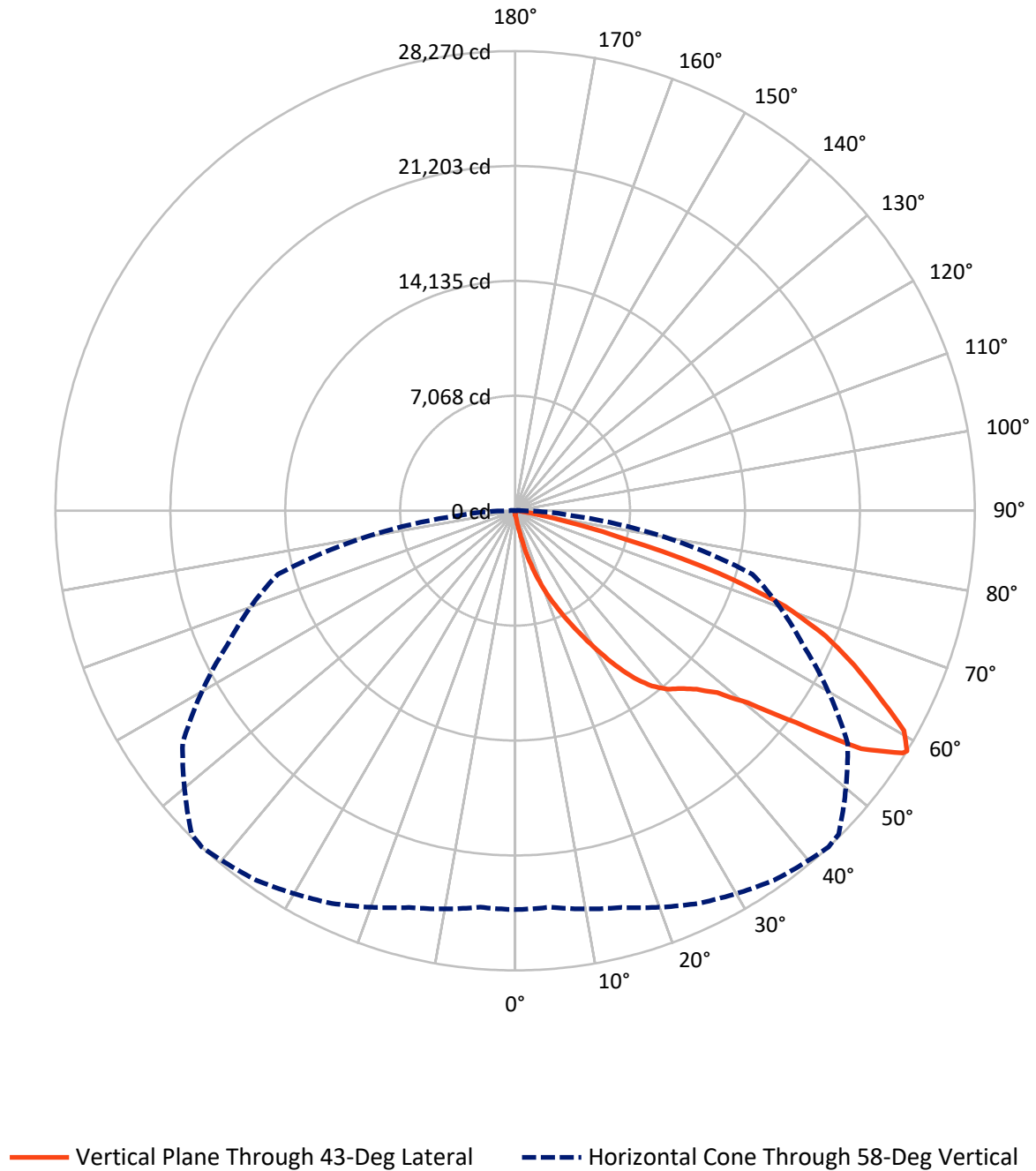


Based on 15 foot mounting height. Maximum calculated value = 38.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1047402

CATALOG NUMBER: GALN-SA8B-840-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047402

CATALOG NUMBER: GALN-SA8B-840-U-T3BC

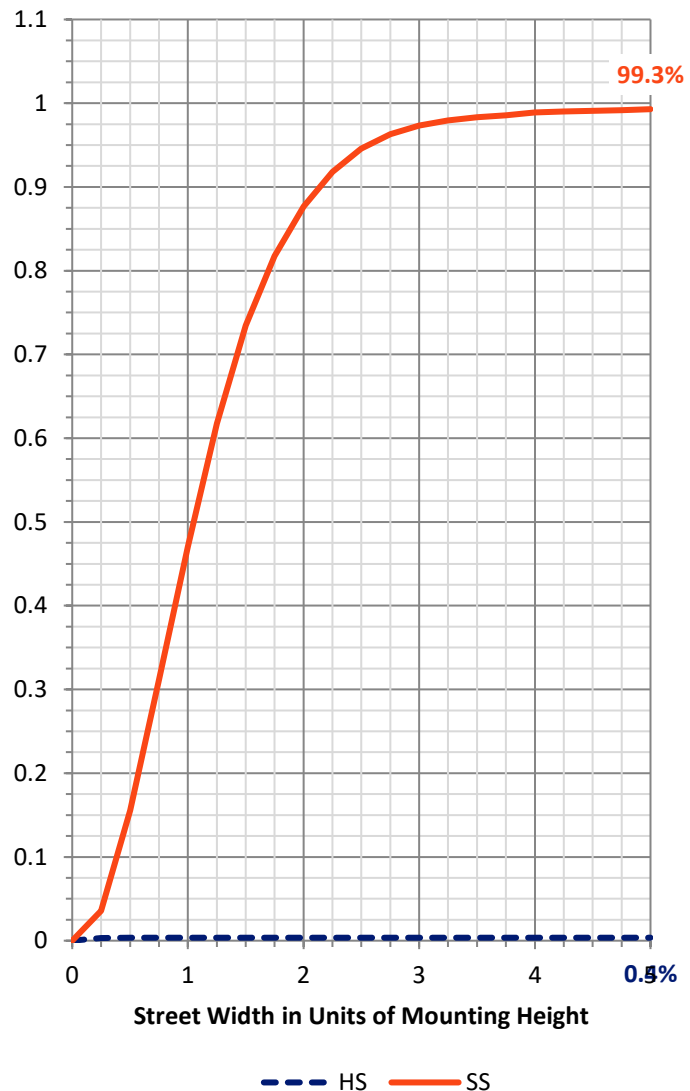
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.6	0.0	124.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	34016.3	0.0	34016.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	34140.9	0.0	34140.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	0.1
10°-20°	392.4	1.1
20°-30°	1414.5	4.1
30°-40°	3236.3	9.5
40°-50°	5458.5	16.0
50°-60°	9007.7	26.4
60°-70°	10067.4	29.5
70°-80°	4156.6	12.2
80°-90°	374.7	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°	34140.9	100.0
0°-180°	34140.9	100.0



REPORT NUMBER: P1047402

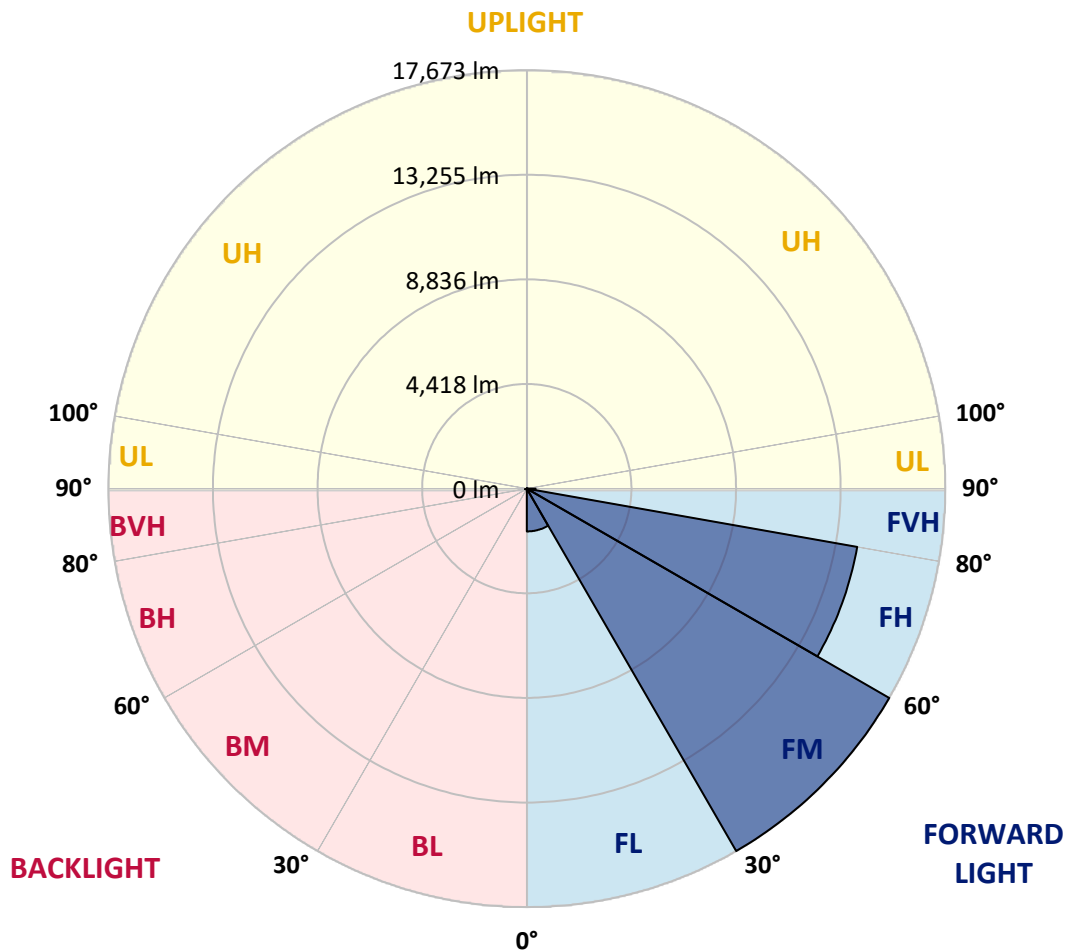
CATALOG NUMBER: GALN-SA8B-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1807.1	5.3			
FM	(30°-60°)	17672.7	51.8			
FH	(60°-80°)	14166.9	41.5			G5
FVH	(80°-90°)	369.6	1.1			G3/500
BL	(0°-30°)	32.5	0.1	B0/110		
BM	(30°-60°)	29.9	0.1	B0/220		
BH	(60°-80°)	57.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G5

Type III Short



REPORT NUMBER: P1047402

CATALOG NUMBER: GALN-SA8B-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2
2.5°	267.9	276.8	267.9	267.9	267.9	258.9	258.9	250.0	250.0	241.1	232.2
5°	392.9	392.9	366.1	348.2	330.4	321.5	312.5	294.7	276.8	258.9	241.1
7.5°	875.1	875.1	794.7	687.6	544.7	464.3	446.5	366.1	312.5	276.8	241.1
10°	2089.4	2089.4	1910.9	1616.2	1250.1	928.6	830.4	526.8	375.0	294.7	250.0
12.5°	3473.5	3518.1	3294.9	2919.9	2375.2	1812.6	1616.2	964.4	500.0	321.5	250.0
15°	4714.7	4607.5	4545.0	4187.8	3669.9	3000.2	2750.2	1625.1	723.3	366.1	250.0
17.5°	5554.0	5554.0	5464.7	5223.6	4750.4	4161.0	3955.7	2625.2	1169.7	419.7	258.9
20°	6536.2	6536.2	6375.5	6205.8	5786.2	5286.1	5089.7	3732.4	1812.6	535.8	258.9
22.5°	7723.8	7741.7	7563.1	7259.5	6857.7	6304.1	6134.4	4759.3	2625.2	714.3	267.9
25°	9170.4	9188.2	8929.3	8643.5	8027.4	7429.1	7170.2	5938.0	3616.4	1000.1	267.9
27.5°	10768.7	10893.7	10509.7	10018.6	9366.8	8616.7	8420.3	7000.5	4598.6	1410.8	285.7
30°	12759.9	12759.9	12251.0	11563.4	10858.0	9929.3	9679.3	8116.7	5643.3	1955.5	303.6
32.5°	14474.3	14340.4	13688.6	12965.3	12215.2	11349.1	11081.2	9286.4	6714.8	2634.1	339.3
35°	15786.9	15670.9	14867.2	14090.4	13438.5	12643.8	12322.4	10554.4	7848.8	3402.0	392.9
37.5°	16912.0	16867.4	15778.0	14804.7	14376.1	13679.6	13393.9	11750.9	8965.0	4232.5	455.4
40°	18144.3	18001.4	16840.6	15635.1	14992.2	14429.7	14170.7	12715.3	10036.5	5205.8	544.7
42.5°	19197.9	19028.3	17983.5	16804.9	15706.6	14947.6	14697.6	13527.8	11081.2	6179.1	660.8
45°	20367.7	20278.4	19224.7	18331.8	16867.4	15653.0	15322.6	14179.7	12036.6	7339.9	812.6
47.5°	22126.7	21966.0	20983.8	20251.6	18555.0	16724.5	16251.3	14849.4	12956.4	8482.8	1044.7
50°	24171.5	24064.4	23484.0	22903.6	21215.9	18555.0	17992.5	15813.7	13983.2	9840.0	1348.3
52.5°	25841.3	25823.4	25894.9	25903.8	24626.9	21635.6	20796.3	17367.4	15161.9	11179.4	1776.9
55°	25805.6	25885.9	26671.7	27573.6	27671.8	25841.3	25028.7	19983.7	16697.7	12831.4	2375.2
57.5°	24841.2	24778.7	25609.1	26966.4	27921.8	28118.3	27984.3	24046.5	19010.4	14822.6	3294.9
58°	24528.7	24475.1	25260.9	26644.9	27743.2	28270.1	28136.1	24966.2	19528.3	15108.3	3544.9
60°	23394.7	23403.6	23867.9	25127.0	26225.3	27475.3	27600.4	27591.4	22108.9	17019.2	4803.9
62.5°	21894.6	21823.1	22251.7	23278.6	24243.0	25082.3	25296.6	27770.0	25885.9	19447.9	7205.9
65°	19823.0	19715.8	20171.2	21332.0	22367.8	22912.5	22921.4	25377.0	27662.9	22055.3	10634.8
67.5°	15974.5	15885.2	16795.9	18287.1	19885.5	20599.8	20921.3	22019.6	26162.7	23823.3	12599.2
70°	9786.5	9974.0	11241.9	13581.4	16313.8	17626.4	18108.5	18447.9	22278.5	23555.4	10536.5
72.5°	4518.2	4295.0	5375.4	7009.5	10125.8	13045.7	13545.7	14876.2	17662.1	20448.0	7857.8
75°	2107.3	2026.9	2277.0	3062.7	4589.6	7045.2	7956.0	11875.9	13545.7	14224.3	5670.1
77.5°	1080.4	1089.4	1294.7	1393.0	1893.0	3259.2	3741.4	7813.1	9929.3	7938.1	3803.9
80°	473.3	491.1	500.0	544.7	767.9	1259.0	1419.8	3625.3	6786.2	4045.0	2080.5
82.5°	303.6	312.5	312.5	312.5	366.1	500.0	571.5	1455.5	3384.2	2009.1	642.9
85°	160.7	160.7	178.6	223.2	258.9	303.6	321.5	464.3	1116.2	598.3	151.8
87.5°	89.3	98.2	107.2	133.9	169.7	205.4	223.2	321.5	428.6	410.7	35.7
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: P1047402

CATALOG NUMBER: GALN-SA8B-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2	223.2
2.5°	232.2	223.2	214.3	205.4	196.4	187.5	187.5	187.5	187.5	187.5	187.5
5°	223.2	214.3	205.4	187.5	169.7	160.7	151.8	142.9	142.9	142.9	142.9
7.5°	223.2	214.3	187.5	169.7	151.8	133.9	116.1	116.1	116.1	116.1	116.1
10°	223.2	205.4	178.6	151.8	125.0	107.2	98.2	89.3	89.3	89.3	89.3
12.5°	223.2	196.4	169.7	133.9	107.2	89.3	80.4	71.4	71.4	71.4	71.4
15°	223.2	196.4	160.7	125.0	98.2	71.4	62.5	53.6	53.6	53.6	53.6
17.5°	214.3	187.5	151.8	107.2	80.4	53.6	44.6	35.7	35.7	44.6	44.6
20°	205.4	178.6	133.9	89.3	62.5	44.6	26.8	26.8	26.8	26.8	26.8
22.5°	205.4	178.6	125.0	80.4	53.6	26.8	17.9	17.9	17.9	17.9	26.8
25°	205.4	169.7	107.2	62.5	35.7	17.9	8.9	8.9	8.9	8.9	8.9
27.5°	205.4	169.7	98.2	53.6	26.8	17.9	8.9	0.0	0.0	0.0	0.0
30°	196.4	160.7	89.3	44.6	17.9	8.9	0.0	0.0	0.0	0.0	0.0
32.5°	196.4	151.8	71.4	35.7	17.9	8.9	0.0	0.0	0.0	0.0	0.0
35°	205.4	142.9	62.5	26.8	8.9	0.0	0.0	0.0	0.0	0.0	8.9
37.5°	214.3	133.9	53.6	17.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	223.2	125.0	53.6	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	241.1	125.0	44.6	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	258.9	125.0	35.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	294.7	133.9	35.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	321.5	142.9	26.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	357.2	133.9	26.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	401.8	133.9	26.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	437.5	125.0	26.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	455.4	116.1	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	544.7	107.2	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	848.3	89.3	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1723.3	80.4	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3214.5	71.4	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3598.5	80.4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2268.0	62.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1196.5	62.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	598.3	62.5	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	276.8	44.6	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	116.1	26.8	17.9	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	53.6	26.8	17.9	17.9	8.9	8.9	0.0	0.0	0.0	0.0	0.0
87.5°	26.8	26.8	26.8	17.9	17.9	8.9	8.9	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

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: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

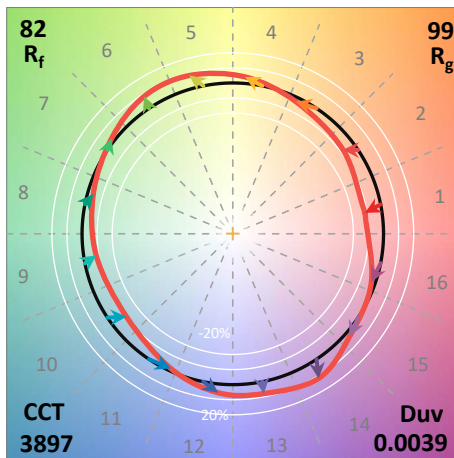
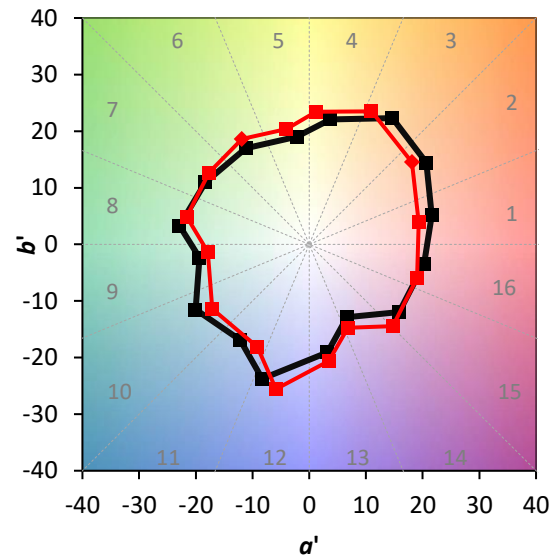
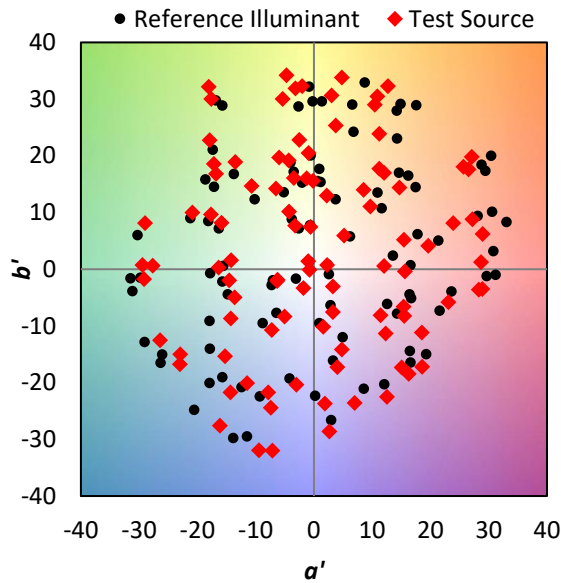
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$



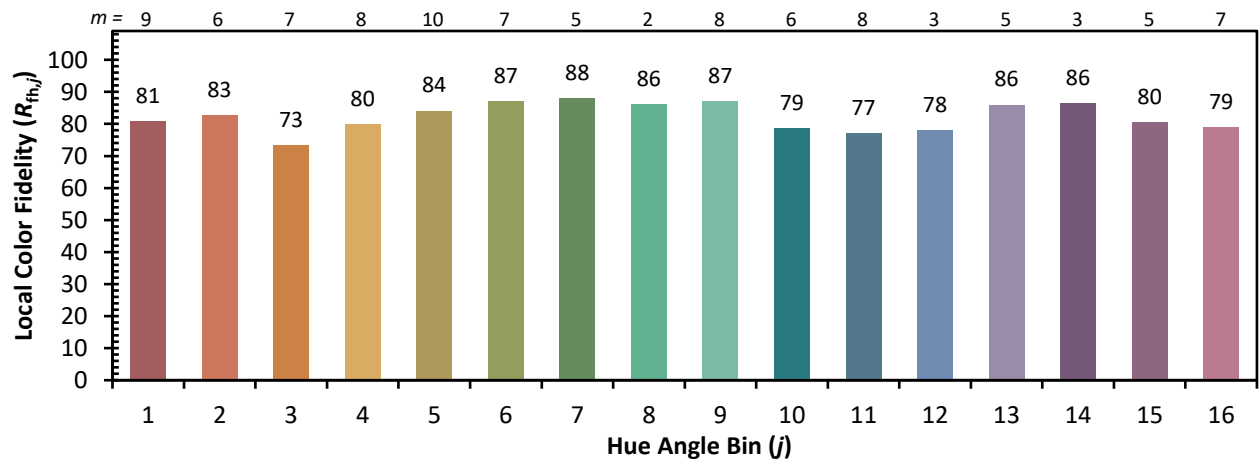
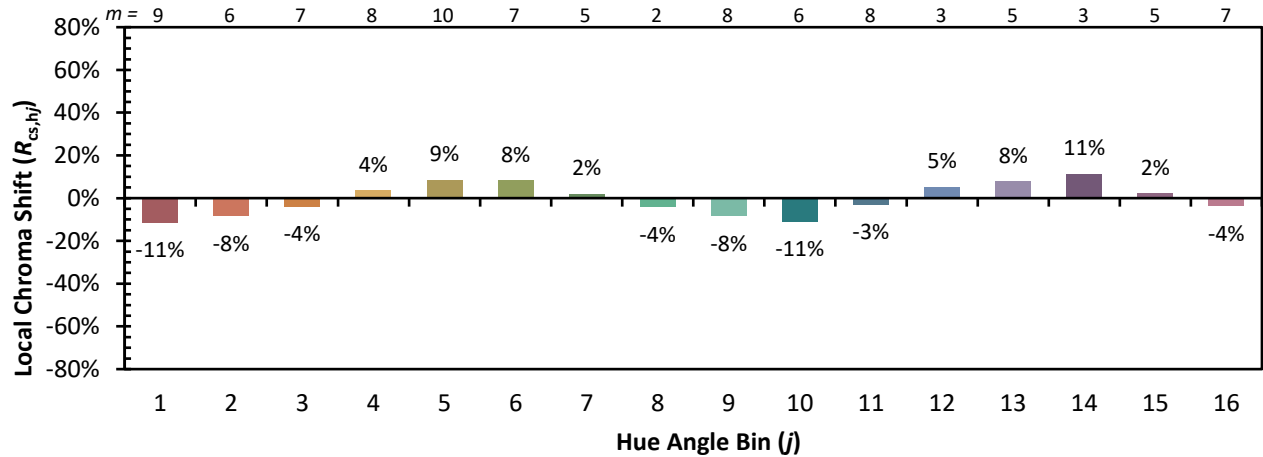
Color Vector Graphics



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

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)