

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: P1048394

Luminaire Tested: **GALN-SA4B-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048394
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17974.6 lumens
Efficiency: N/A
Efficacy: 124.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 144.1
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

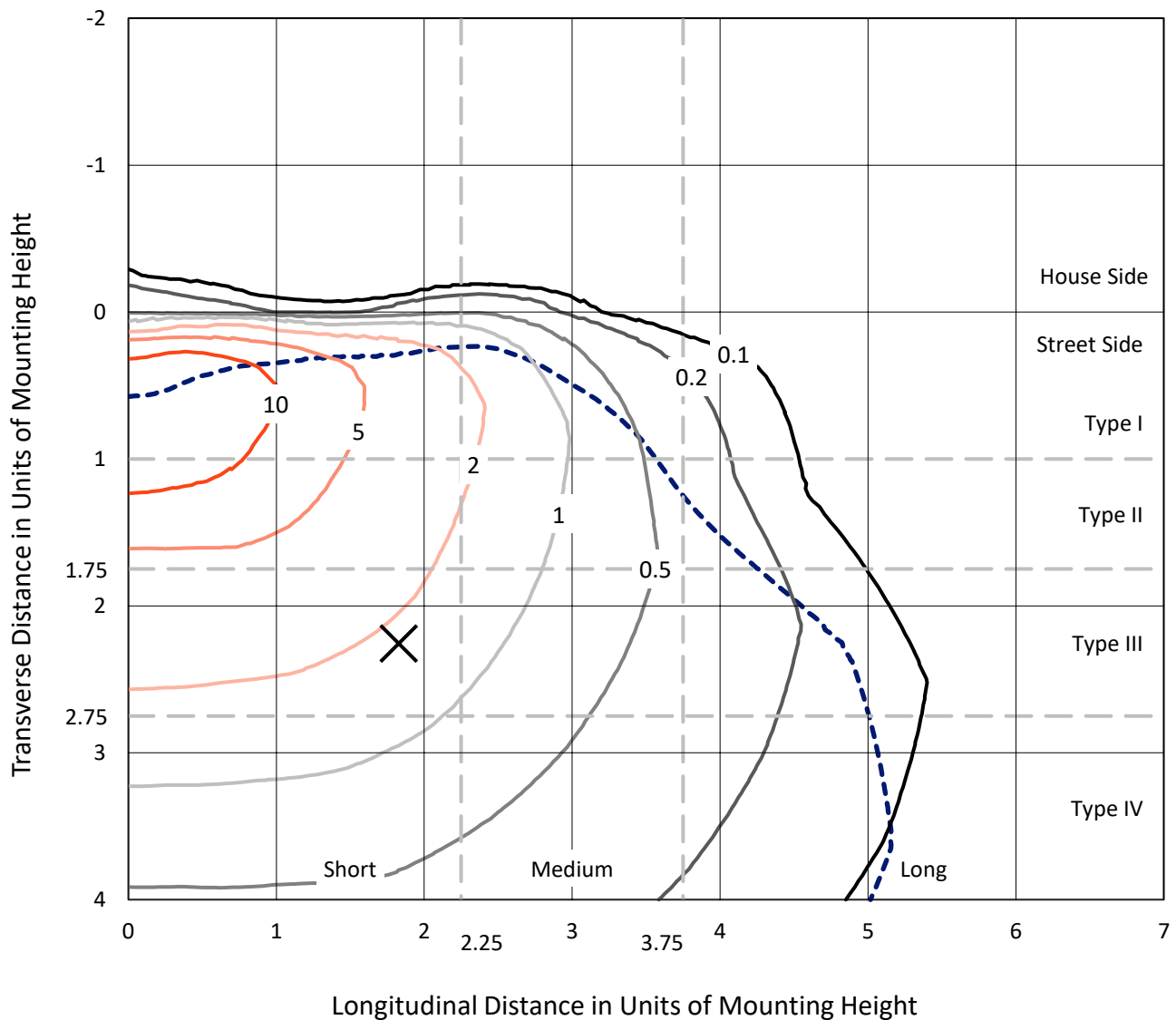


REPORT NUMBER: P1048394

CATALOG NUMBER: GALN-SA4B-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

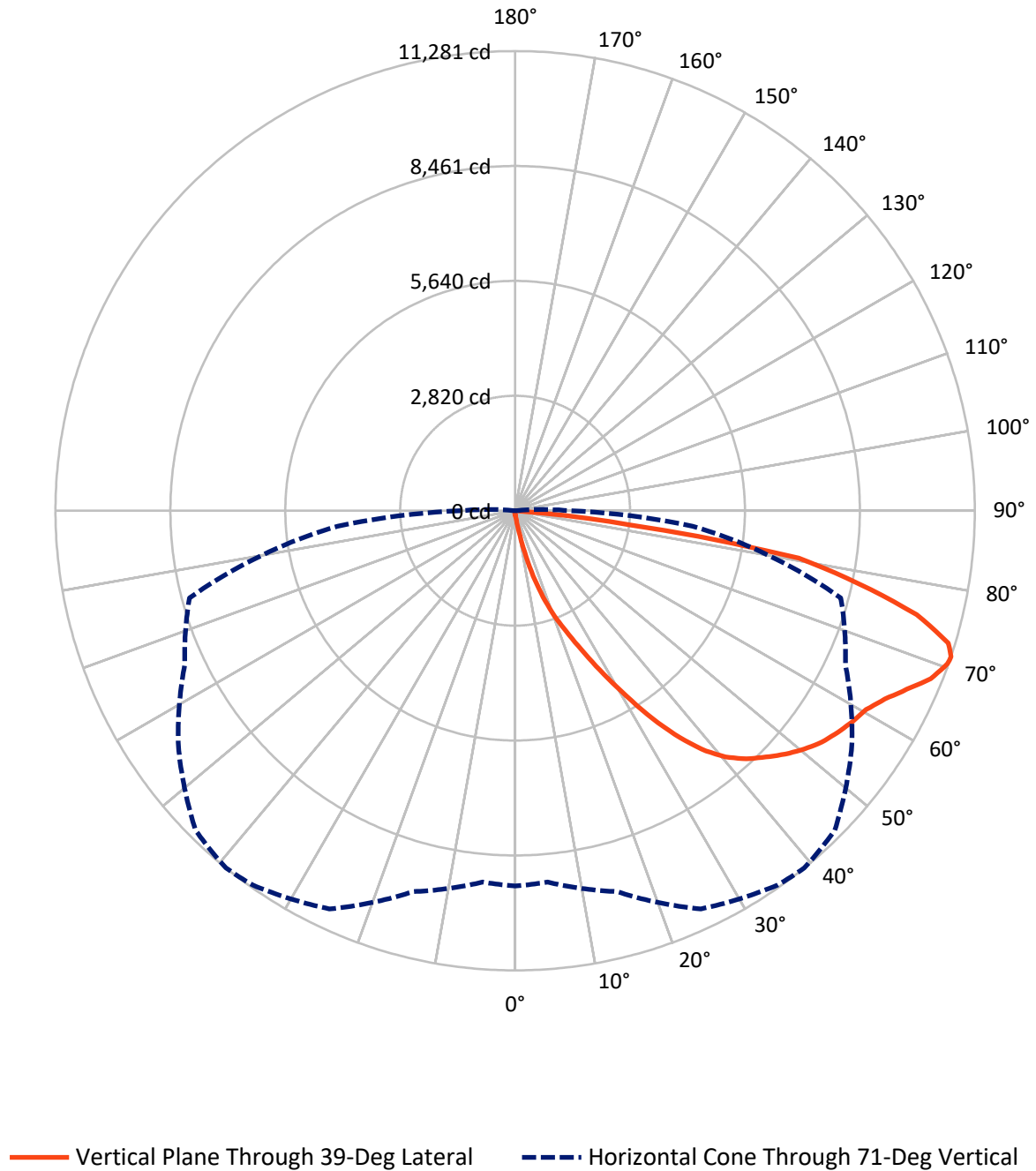


Based on 15 foot mounting height. Maximum calculated value = 18.5 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048394

CATALOG NUMBER: GALN-SA4B-735-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048394

CATALOG NUMBER: GALN-SA4B-735-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	63.9	0.0	63.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17910.7	0.0	17910.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	17974.6	0.0	17974.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.0	0.1
10°-20°	192.1	1.1
20°-30°	684.2	3.8
30°-40°	1648.9	9.2
40°-50°	2759.5	15.4
50°-60°	3544.3	19.7
60°-70°	4485.3	25.0
70°-80°	3998.9	22.2
80°-90°	646.4	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°	17974.6	100.0
0°-180°	17974.6	100.0



REPORT NUMBER: P1048394

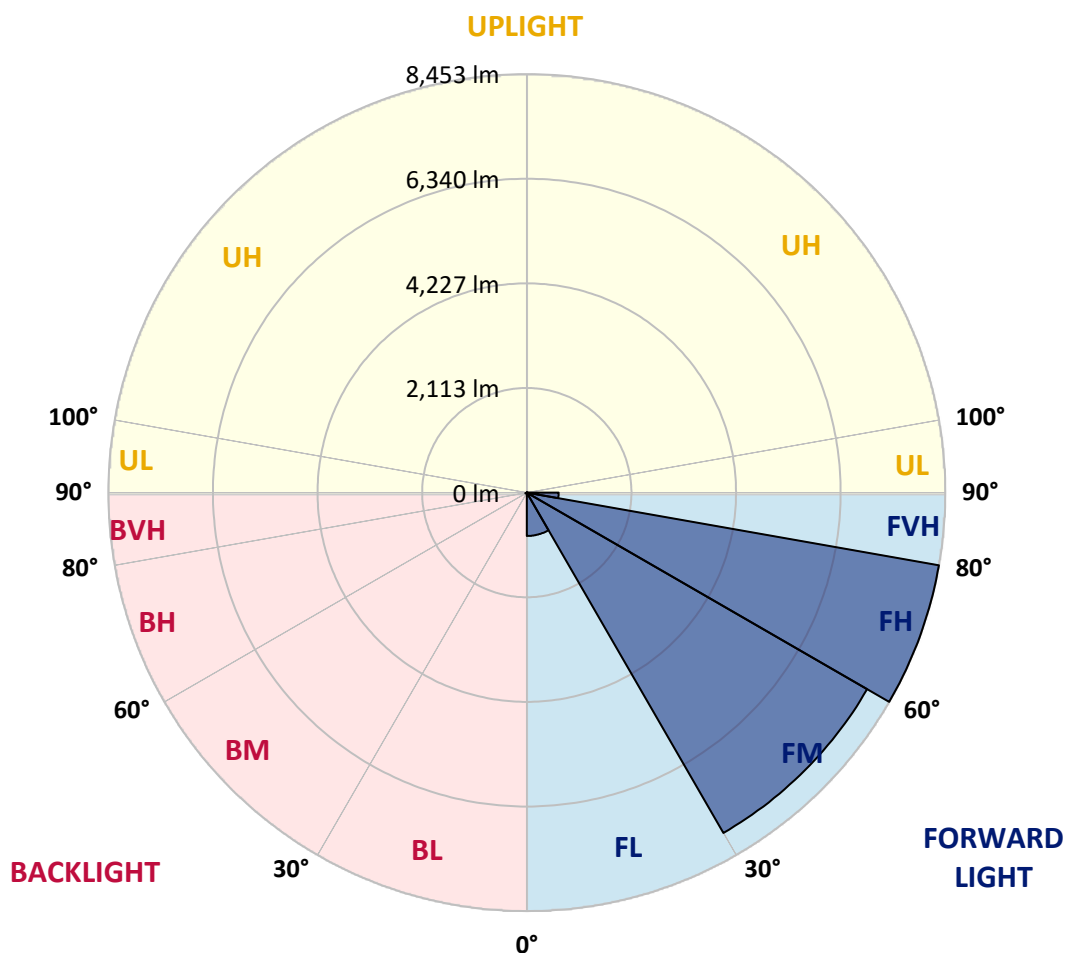
CATALOG NUMBER: GALN-SA4B-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	875.8	4.9			
FM	(30°-60°)	7938.0	44.2			
FH	(60°-80°)	8453.5	47.0			G4/12000
FVH	(80°-90°)	643.5	3.6			G4/750
BL	(0°-30°)	15.4	0.1	B0/110		
BM	(30°-60°)	14.8	0.1	B0/220		
BH	(60°-80°)	30.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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 IV Short





REPORT NUMBER: P1048394

CATALOG NUMBER: GALN-SA4B-735-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2.5°	113.2	113.2	113.2	109.5	109.5	108.3	107.1	107.1	104.6	103.4	101.0
5°	171.6	167.9	159.4	154.5	144.8	138.7	132.6	124.1	115.6	109.5	102.2
7.5°	388.2	396.7	368.7	316.4	262.8	239.7	200.8	161.8	133.8	115.6	103.4
10°	989.2	984.4	889.5	784.8	606.0	534.2	418.6	264.0	172.8	126.5	104.6
12.5°	1682.8	1677.9	1566.0	1423.6	1187.6	1037.9	818.9	492.8	248.2	143.6	104.6
15°	2265.7	2246.2	2210.9	2069.8	1793.5	1668.2	1378.6	871.2	401.5	172.8	107.1
17.5°	2651.4	2634.3	2601.5	2550.4	2375.2	2226.7	1994.3	1368.9	649.8	223.9	111.9
20°	3005.5	2993.3	2966.5	2956.8	2843.6	2764.5	2572.3	1940.8	1012.4	304.2	119.2
22.5°	3492.2	3466.6	3477.6	3419.2	3308.4	3213.5	3095.5	2539.4	1455.3	438.0	132.6
25°	4088.4	4076.2	4045.8	4004.4	3851.1	3768.4	3587.1	3104.0	1950.5	613.3	147.2
27.5°	4808.7	4795.4	4788.1	4693.1	4516.7	4426.7	4173.6	3637.0	2507.8	859.1	166.7
30°	5638.6	5644.7	5597.2	5475.5	5269.9	5143.4	4883.0	4195.5	3078.5	1147.4	187.4
32.5°	6497.6	6485.5	6412.5	6268.9	6085.1	5967.1	5636.2	4807.5	3677.1	1528.3	211.7
35°	7423.6	7400.5	7208.2	7044.0	6887.0	6738.6	6436.8	5518.1	4275.8	1955.4	244.6
37.5°	8358.1	8249.8	7864.1	7656.0	7547.7	7426.0	7145.0	6276.2	4870.8	2432.4	284.7
40°	9063.8	8979.9	8522.4	8139.1	8052.7	7949.3	7740.0	6930.8	5503.5	2944.6	333.4
42.5°	9454.4	9408.2	8996.9	8618.5	8415.3	8324.0	8145.2	7502.7	6129.0	3510.4	404.0
45°	9621.1	9549.3	9274.3	9097.9	8774.2	8623.4	8410.4	7934.7	6782.4	4152.9	502.5
47.5°	9570.0	9528.7	9331.5	9396.0	9161.2	8926.3	8613.6	8265.6	7340.9	4890.3	637.6
50°	9248.8	9213.5	9152.7	9501.9	9472.7	9195.3	8876.5	8527.2	7797.2	5650.8	846.9
52.5°	8638.0	8623.4	8779.1	9419.1	9649.1	9432.5	9129.5	8758.4	8223.0	6445.3	1146.2
55°	7850.7	7910.3	8355.7	9290.2	9739.2	9607.7	9353.4	8975.0	8565.0	7155.9	1587.9
57.5°	7527.0	7542.9	8098.9	9198.9	9779.3	9762.3	9571.2	9181.9	8878.9	7724.2	2262.0
60°	7905.5	7881.1	8174.4	9268.3	9859.6	9901.0	9764.7	9374.1	9151.4	8212.1	3160.0
62.5°	8589.3	8575.9	8669.6	9563.9	10094.5	10178.4	10033.6	9512.8	9392.4	8533.3	4184.5
65°	9200.1	9172.1	9346.1	10088.4	10506.9	10566.6	10440.0	9750.1	9498.2	8766.9	5147.0
67.5°	9464.2	9458.1	9737.9	10587.3	10940.1	11004.6	10893.9	10077.4	9473.9	8841.2	5571.7
70°	9343.7	9320.6	9768.4	10799.0	11184.7	11257.7	11150.6	10199.1	9209.9	8606.3	4942.6
71°	9211.1	9149.0	9677.1	10784.4	11218.8	11280.8	11093.4	10088.4	8944.6	8272.9	4371.9
72.5°	8799.8	8810.7	9426.4	10632.3	11137.2	11119.0	10769.8	9691.7	8624.6	7516.1	3511.6
75°	7787.4	7851.9	8614.8	9993.5	10409.6	10177.2	9643.0	8933.6	7982.1	5389.1	2438.4
77.5°	6363.8	6459.9	7298.3	8764.5	8646.5	8623.4	8601.5	7871.4	6816.4	2894.7	1696.2
80°	3038.3	3246.4	4402.3	6256.7	6797.0	7058.6	6894.3	6343.1	5271.1	1378.6	1013.6
82.5°	198.3	195.9	277.4	525.7	2215.8	2864.3	4550.8	4533.7	3674.7	671.7	413.7
85°	93.7	96.1	105.9	120.5	139.9	153.3	211.7	1241.1	1758.3	320.0	90.0
87.5°	54.8	56.0	65.7	84.0	109.5	121.7	144.8	186.2	228.8	176.4	19.5
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: P1048394

CATALOG NUMBER: GALN-SA4B-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2.5°	99.8	98.6	94.9	91.3	87.6	85.2	84.0	85.2	85.2	86.4	86.4
5°	99.8	96.1	90.0	82.7	77.9	73.0	70.6	69.4	70.6	70.6	70.6
7.5°	98.6	92.5	84.0	75.4	69.4	63.3	60.8	59.6	59.6	60.8	60.8
10°	96.1	90.0	79.1	69.4	62.1	54.8	51.1	47.5	47.5	47.5	48.7
12.5°	94.9	86.4	73.0	63.3	53.5	45.0	37.7	34.1	35.3	35.3	35.3
15°	92.5	82.7	69.4	57.2	45.0	34.1	28.0	24.3	25.6	26.8	25.6
17.5°	92.5	81.5	64.5	49.9	35.3	25.6	20.7	18.3	18.3	19.5	19.5
20°	92.5	79.1	60.8	42.6	26.8	19.5	14.6	13.4	13.4	15.8	17.0
22.5°	94.9	79.1	56.0	35.3	21.9	14.6	11.0	9.7	11.0	13.4	14.6
25°	98.6	77.9	51.1	31.6	18.3	11.0	8.5	6.1	7.3	9.7	11.0
27.5°	102.2	76.7	46.2	28.0	14.6	8.5	6.1	4.9	3.7	4.9	4.9
30°	105.9	76.7	41.4	23.1	12.2	6.1	3.7	2.4	1.2	0.0	0.0
32.5°	108.3	74.2	37.7	18.3	9.7	4.9	2.4	1.2	0.0	0.0	0.0
35°	110.7	71.8	32.9	14.6	7.3	3.7	1.2	0.0	0.0	0.0	0.0
37.5°	113.2	68.1	28.0	12.2	6.1	2.4	0.0	0.0	0.0	0.0	0.0
40°	115.6	63.3	23.1	11.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	118.0	59.6	19.5	8.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	124.1	57.2	15.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	135.1	54.8	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	150.9	52.3	13.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	172.8	51.1	12.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	211.7	49.9	11.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	278.6	48.7	11.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	427.1	46.2	11.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	762.9	45.0	9.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1329.9	46.2	9.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1906.7	48.7	8.5	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1631.7	42.6	8.5	4.9	2.4	1.2	0.0	0.0	0.0	0.0	0.0
71°	1329.9	37.7	8.5	4.9	2.4	1.2	1.2	0.0	0.0	0.0	0.0
72.5°	855.4	29.2	7.3	4.9	2.4	2.4	1.2	0.0	0.0	0.0	0.0
75°	361.4	24.3	7.3	4.9	3.7	2.4	2.4	1.2	0.0	0.0	0.0
77.5°	154.5	18.3	7.3	6.1	4.9	3.7	3.7	2.4	1.2	0.0	0.0
80°	58.4	14.6	8.5	7.3	6.1	6.1	4.9	2.4	1.2	0.0	0.0
82.5°	26.8	12.2	8.5	7.3	7.3	6.1	4.9	3.7	2.4	0.0	0.0
85°	17.0	11.0	8.5	7.3	7.3	6.1	6.1	3.7	2.4	0.0	0.0
87.5°	13.4	11.0	8.5	8.5	7.3	7.3	4.9	3.7	1.2	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

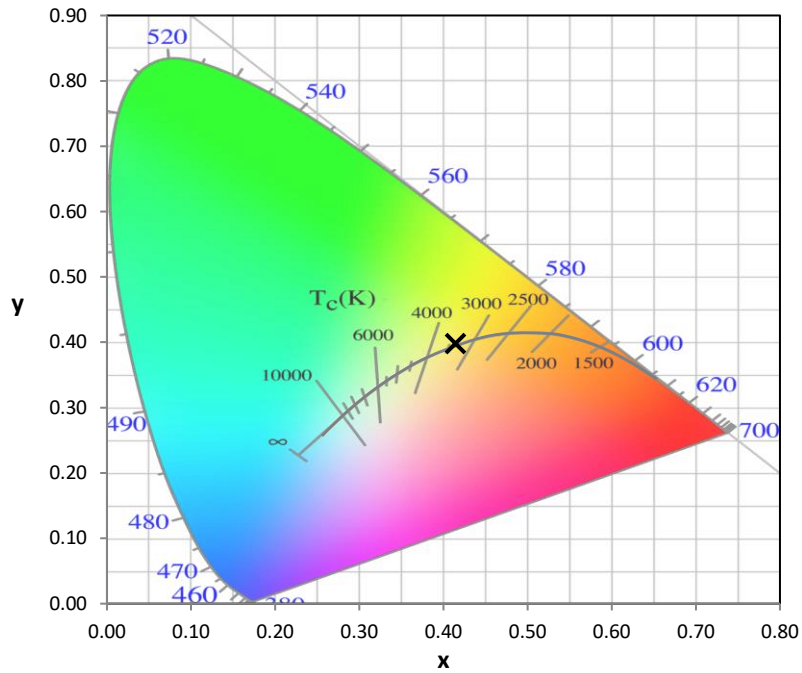
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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: SP1-2407-184-5

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: SP1-2407-184-5

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



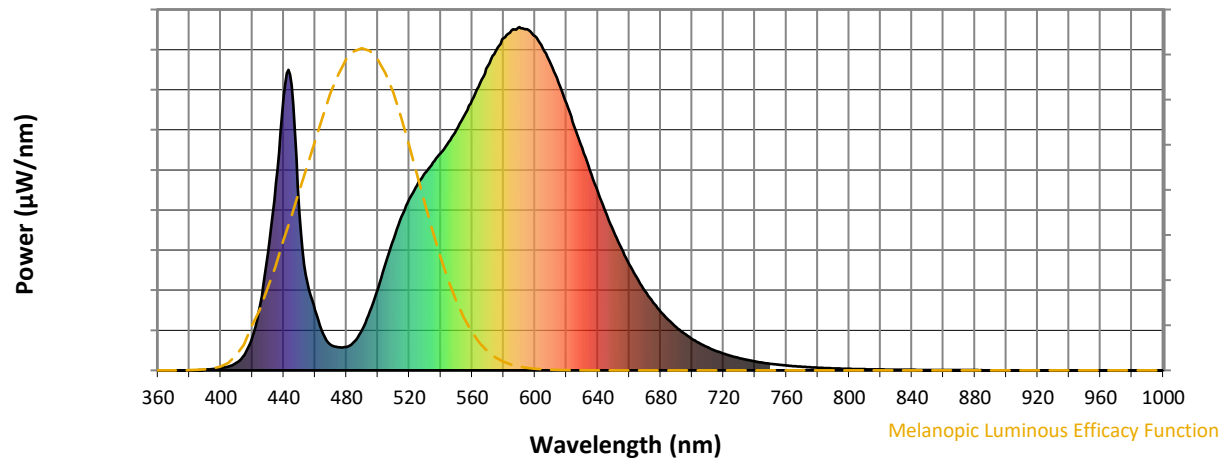
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics



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

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)