

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: P1047101

Luminaire Tested: **GALN-SA5A-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047101
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16944.5 lumens
Efficiency: N/A
Efficacy: 124.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

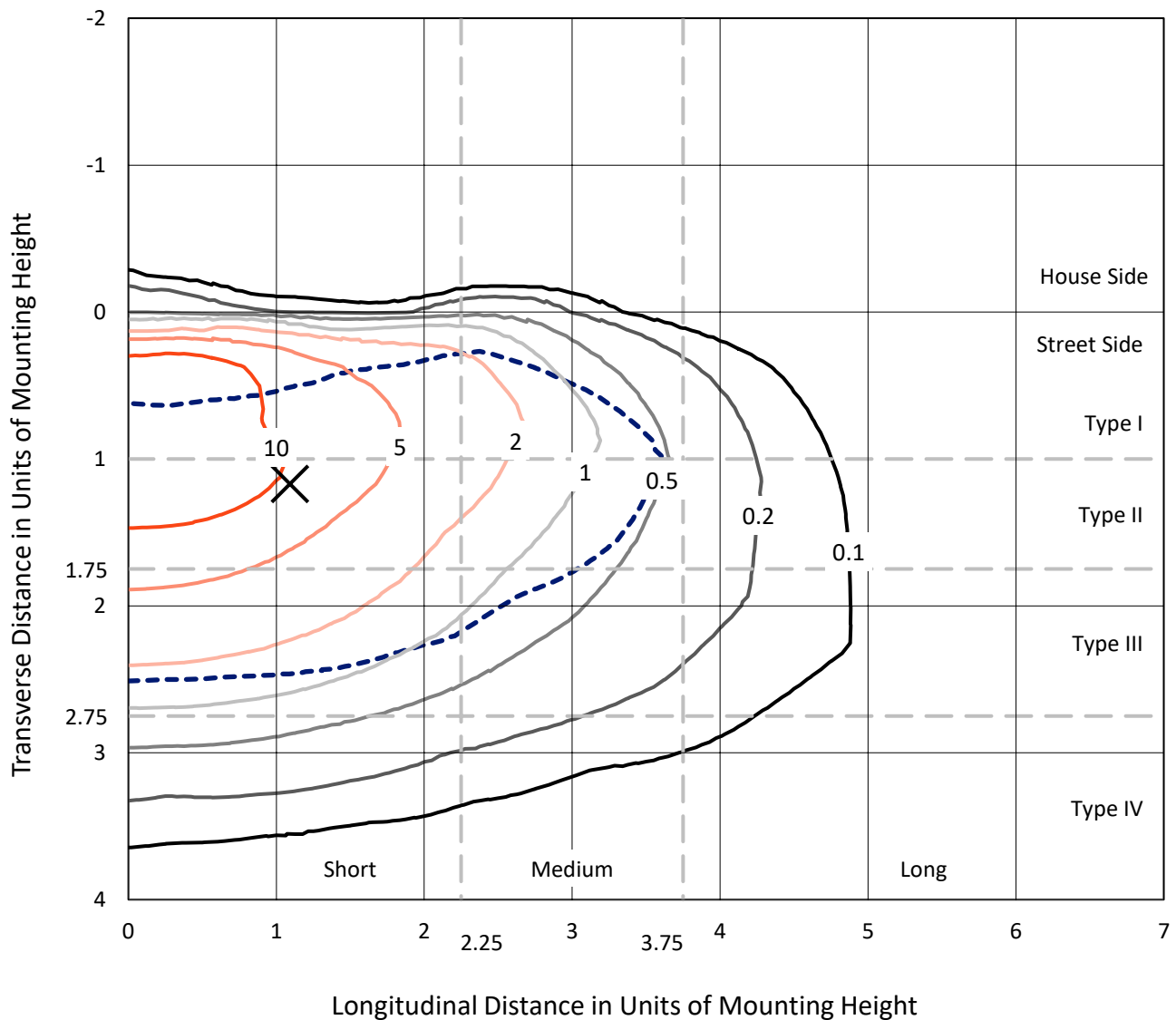


REPORT NUMBER: P1047101

CATALOG NUMBER: GALN-SA5A-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

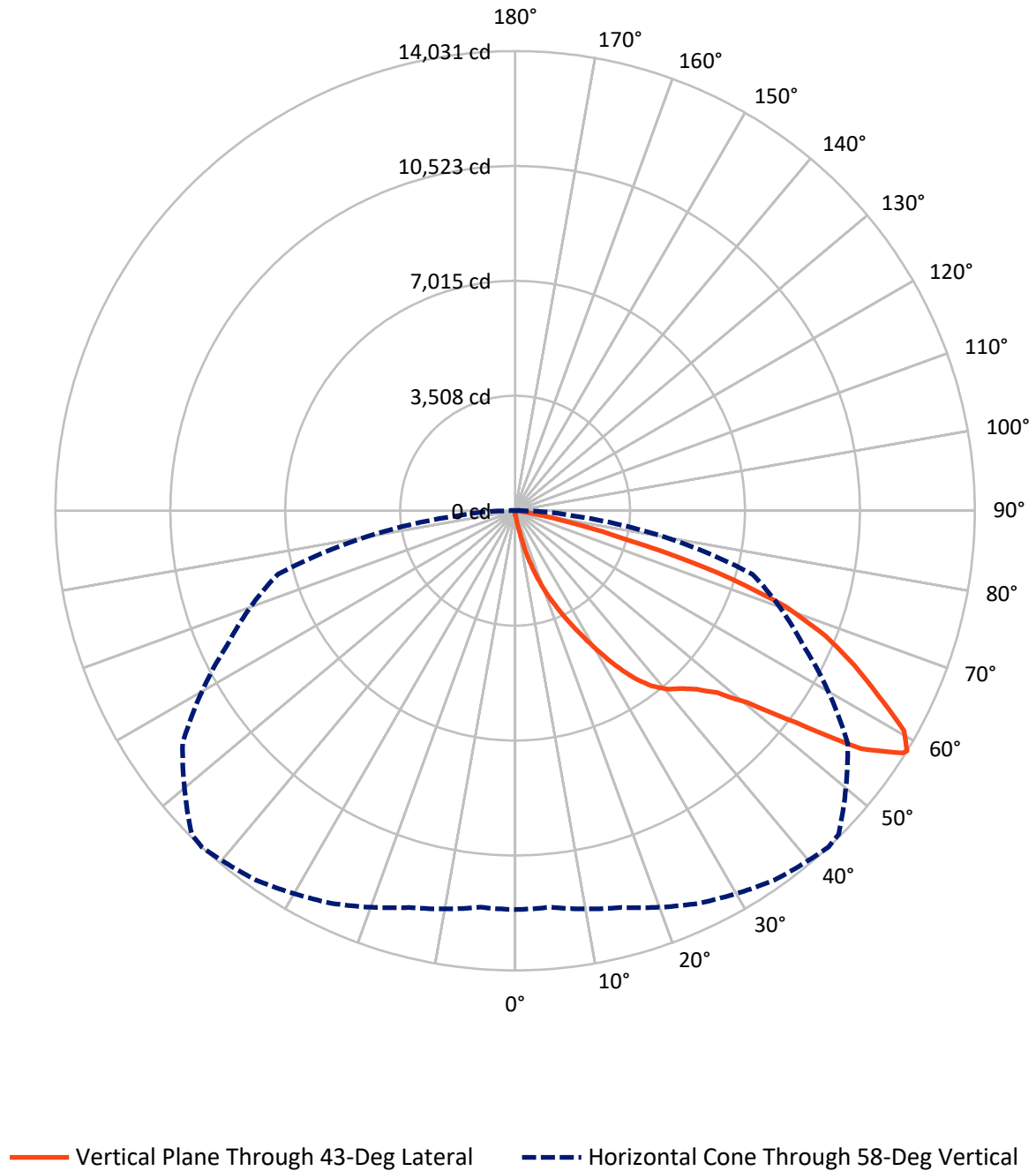


Based on 15 foot mounting height. Maximum calculated value = 19 fc
 Type III - Short - N/A

REPORT NUMBER: P1047101

CATALOG NUMBER: GALN-SA5A-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047101

CATALOG NUMBER: GALN-SA5A-727-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	61.9	0.0	61.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16882.7	0.0	16882.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	16944.5	0.0	16944.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	194.8	1.1
20°-30°	702.0	4.1
30°-40°	1606.2	9.5
40°-50°	2709.1	16.0
50°-60°	4470.6	26.4
60°-70°	4996.6	29.5
70°-80°	2063.0	12.2
80°-90°	186.0	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°	16944.5	100.0
0°-180°	16944.5	100.0



REPORT NUMBER: P1047101

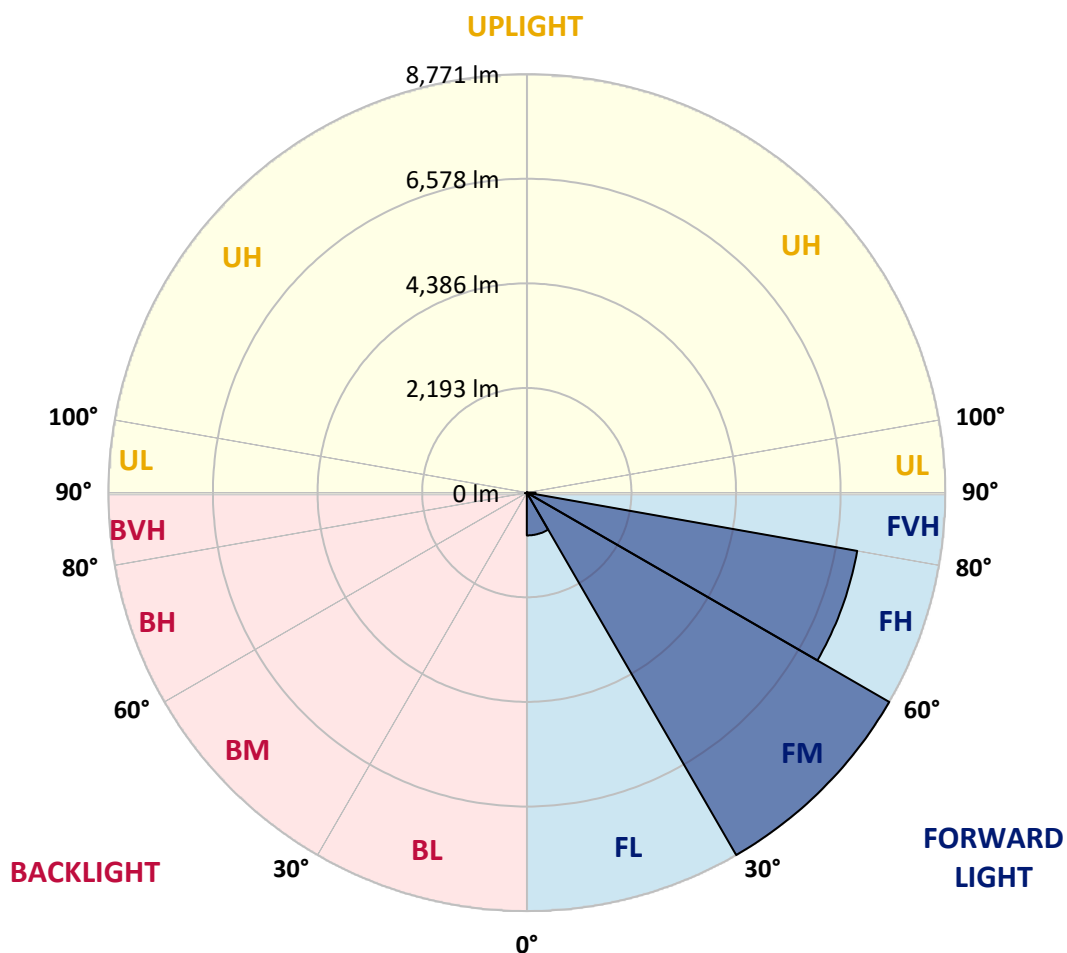
CATALOG NUMBER: GALN-SA5A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	896.9	5.3			
FM	(30°-60°)	8771.1	51.8			
FH	(60°-80°)	7031.2	41.5			G3/7500
FVH	(80°-90°)	183.4	1.1			G2/225
BL	(0°-30°)	16.1	0.1	B0/110		
BM	(30°-60°)	14.8	0.1	B0/220		
BH	(60°-80°)	28.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G3

Type III Short





REPORT NUMBER: P1047101

CATALOG NUMBER: GALN-SA5A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8
2.5°	133.0	137.4	133.0	133.0	133.0	128.5	128.5	124.1	124.1	119.7	115.2
5°	195.0	195.0	181.7	172.8	164.0	159.5	155.1	146.2	137.4	128.5	119.7
7.5°	434.3	434.3	394.4	341.2	270.3	230.4	221.6	181.7	155.1	137.4	119.7
10°	1037.0	1037.0	948.4	802.1	620.4	460.9	412.1	261.5	186.1	146.2	124.1
12.5°	1723.9	1746.1	1635.3	1449.2	1178.8	899.6	802.1	478.6	248.2	159.5	124.1
15°	2339.9	2286.8	2255.7	2078.5	1821.4	1489.0	1365.0	806.6	359.0	181.7	124.1
17.5°	2756.5	2756.5	2712.2	2592.5	2357.7	2065.2	1963.2	1302.9	580.6	208.3	128.5
20°	3244.0	3244.0	3164.2	3080.0	2871.7	2623.6	2526.1	1852.4	899.6	265.9	128.5
22.5°	3833.4	3842.3	3753.6	3603.0	3403.5	3128.8	3044.6	2362.1	1302.9	354.5	133.0
25°	4551.3	4560.2	4431.7	4289.9	3984.1	3687.2	3558.6	2947.1	1794.8	496.3	133.0
27.5°	5344.6	5406.7	5216.1	4972.4	4648.8	4276.6	4179.1	3474.4	2282.3	700.2	141.8
30°	6332.9	6332.9	6080.3	5739.0	5388.9	4928.0	4804.0	4028.4	2800.8	970.5	150.7
32.5°	7183.8	7117.3	6793.8	6434.8	6062.6	5632.7	5499.7	4609.0	3332.6	1307.3	168.4
35°	7835.2	7777.6	7378.8	6993.2	6669.7	6275.3	6115.7	5238.3	3895.5	1688.5	195.0
37.5°	8393.6	8371.5	7830.8	7347.7	7135.0	6789.4	6647.5	5832.1	4449.4	2100.6	226.0
40°	9005.2	8934.3	8358.2	7759.9	7440.8	7161.6	7033.1	6310.7	4981.2	2583.7	270.3
42.5°	9528.1	9443.9	8925.4	8340.4	7795.3	7418.7	7294.6	6714.0	5499.7	3066.7	327.9
45°	10108.7	10064.4	9541.4	9098.3	8371.5	7768.8	7604.8	7037.5	5973.9	3642.9	403.3
47.5°	10981.7	10902.0	10414.5	10051.1	9209.1	8300.6	8065.7	7369.9	6430.4	4210.1	518.5
50°	11996.6	11943.4	11655.4	11367.3	10529.7	9209.1	8929.9	7848.5	6940.0	4883.7	669.2
52.5°	12825.3	12816.5	12851.9	12856.3	12222.6	10738.0	10321.4	8619.6	7525.0	5548.5	881.9
55°	12807.6	12847.5	13237.5	13685.1	13733.8	12825.3	12422.0	9918.1	8287.3	6368.3	1178.8
57.5°	12329.0	12297.9	12710.1	13383.7	13857.9	13955.4	13888.9	11934.5	9435.1	7356.6	1635.3
58°	12173.9	12147.3	12537.3	13224.2	13769.3	14030.7	13964.3	12391.0	9692.1	7498.4	1759.4
60°	11611.0	11615.5	11845.9	12470.8	13015.9	13636.3	13698.4	13693.9	10972.9	8446.8	2384.3
62.5°	10866.5	10831.1	11043.8	11553.4	12032.0	12448.6	12555.0	13782.6	12847.5	9652.2	3576.4
65°	9838.4	9785.2	10011.2	10587.3	11101.4	11371.7	11376.2	12594.9	13729.4	10946.3	5278.1
67.5°	7928.3	7884.0	8336.0	9076.1	9869.4	10223.9	10383.5	10928.6	12984.9	11823.8	6253.1
70°	4857.1	4950.2	5579.5	6740.6	8096.7	8748.2	8987.5	9155.9	11057.1	11690.8	5229.4
72.5°	2242.4	2131.6	2667.9	3478.9	5025.5	6474.7	6722.9	7383.2	8765.9	10148.6	3899.9
75°	1045.9	1006.0	1130.1	1520.1	2277.9	3496.6	3948.6	5894.2	6722.9	7059.7	2814.1
77.5°	536.2	540.7	642.6	691.3	939.5	1617.6	1856.9	3877.7	4928.0	3939.8	1887.9
80°	234.9	243.7	248.2	270.3	381.1	624.9	704.6	1799.3	3368.1	2007.6	1032.6
82.5°	150.7	155.1	155.1	155.1	181.7	248.2	283.6	722.4	1679.6	997.1	319.1
85°	79.8	79.8	88.6	110.8	128.5	150.7	159.5	230.4	554.0	296.9	75.3
87.5°	44.3	48.7	53.2	66.5	84.2	101.9	110.8	159.5	212.7	203.9	17.7
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: P1047101

CATALOG NUMBER: GALN-SA5A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8
2.5°	115.2	110.8	106.4	101.9	97.5	93.1	93.1	93.1	93.1	93.1	93.1
5°	110.8	106.4	101.9	93.1	84.2	79.8	75.3	70.9	70.9	70.9	70.9
7.5°	110.8	106.4	93.1	84.2	75.3	66.5	57.6	57.6	57.6	57.6	57.6
10°	110.8	101.9	88.6	75.3	62.0	53.2	48.7	44.3	44.3	44.3	44.3
12.5°	110.8	97.5	84.2	66.5	53.2	44.3	39.9	35.5	35.5	35.5	35.5
15°	110.8	97.5	79.8	62.0	48.7	35.5	31.0	26.6	26.6	26.6	26.6
17.5°	106.4	93.1	75.3	53.2	39.9	26.6	22.2	17.7	17.7	22.2	22.2
20°	101.9	88.6	66.5	44.3	31.0	22.2	13.3	13.3	13.3	13.3	13.3
22.5°	101.9	88.6	62.0	39.9	26.6	13.3	8.9	8.9	8.9	8.9	13.3
25°	101.9	84.2	53.2	31.0	17.7	8.9	4.4	4.4	4.4	4.4	4.4
27.5°	101.9	84.2	48.7	26.6	13.3	8.9	4.4	0.0	0.0	0.0	0.0
30°	97.5	79.8	44.3	22.2	8.9	4.4	0.0	0.0	0.0	0.0	0.0
32.5°	97.5	75.3	35.5	17.7	8.9	4.4	0.0	0.0	0.0	0.0	0.0
35°	101.9	70.9	31.0	13.3	4.4	0.0	0.0	0.0	0.0	0.0	4.4
37.5°	106.4	66.5	26.6	8.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	110.8	62.0	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	119.7	62.0	22.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	128.5	62.0	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	146.2	66.5	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	159.5	70.9	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	177.3	66.5	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	199.4	66.5	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	217.2	62.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	226.0	57.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	270.3	53.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	421.0	44.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	855.3	39.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1595.4	35.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1786.0	39.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1125.6	31.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	593.8	31.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	296.9	31.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	137.4	22.2	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	57.6	13.3	8.9	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.6	13.3	8.9	8.9	4.4	4.4	0.0	0.0	0.0	0.0	0.0
87.5°	13.3	13.3	13.3	8.9	8.9	4.4	4.4	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

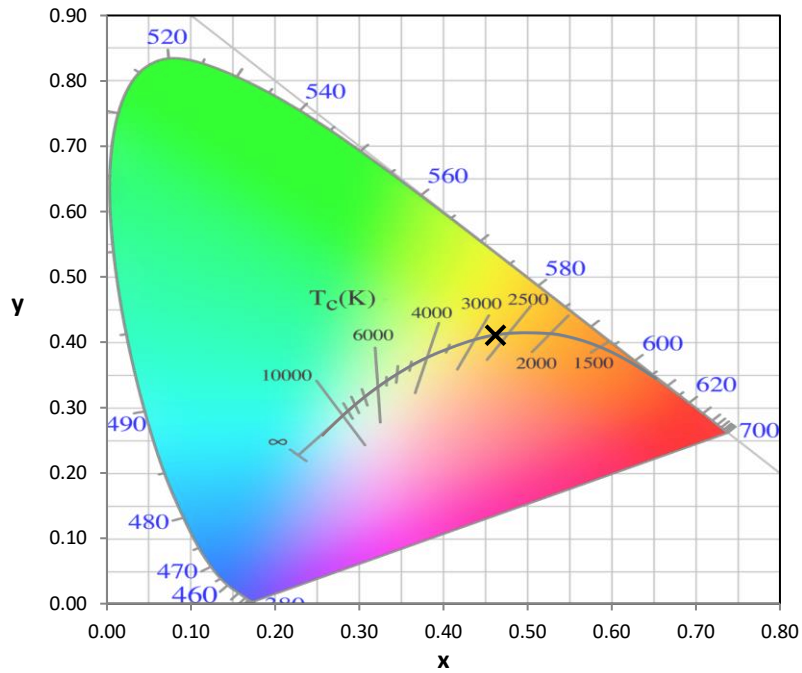
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

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: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



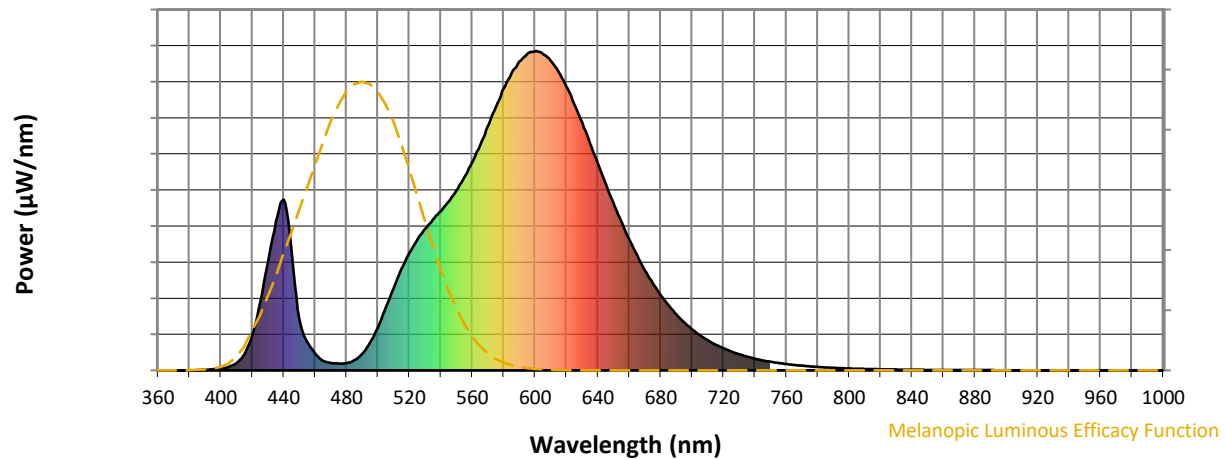
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

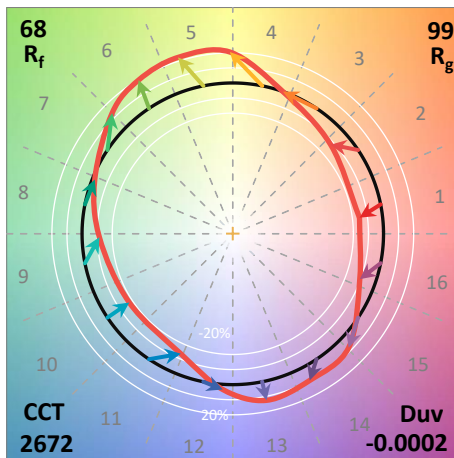
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

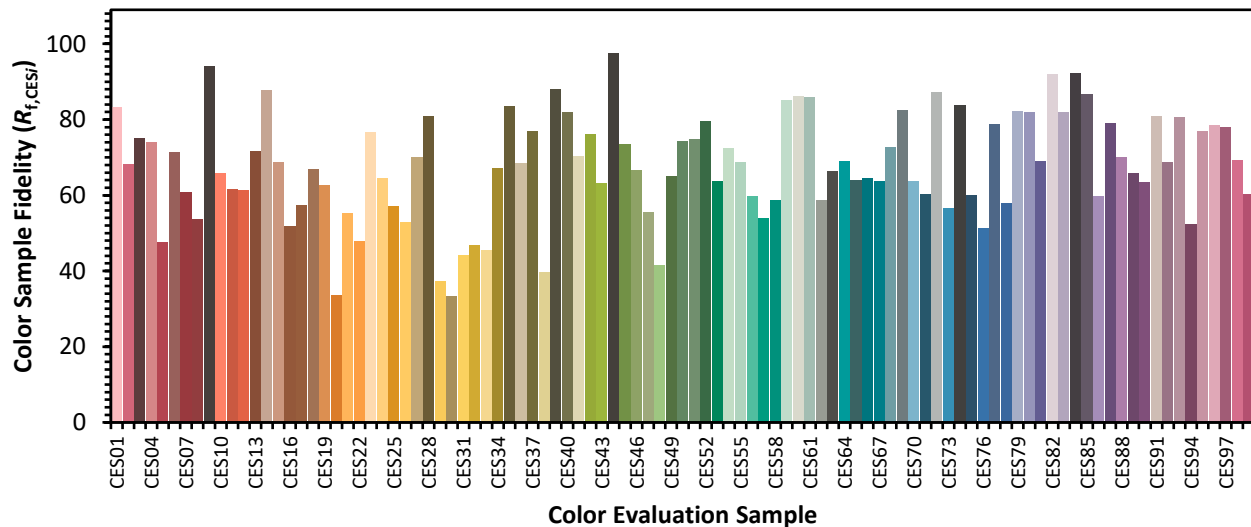


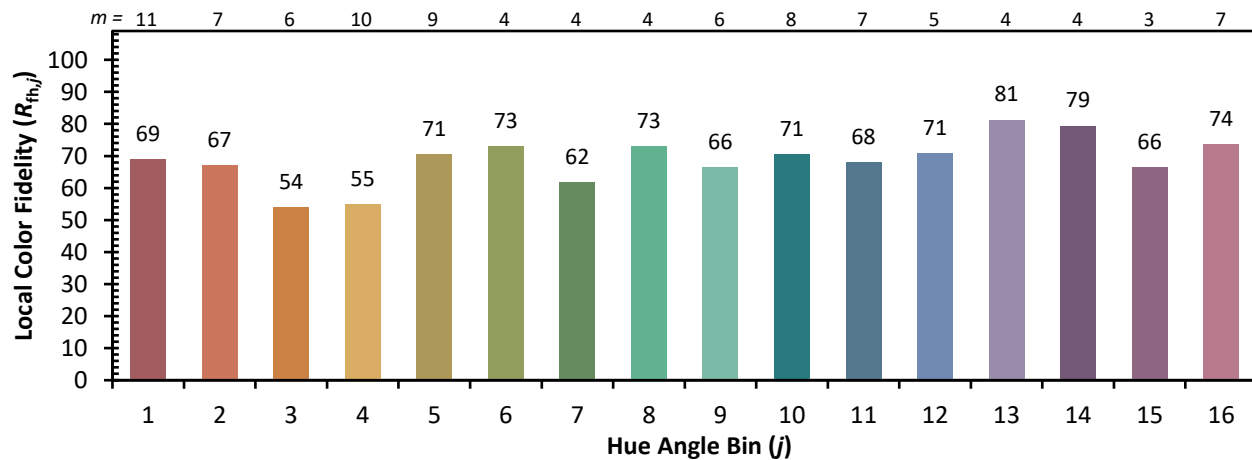
Color Vector Graphics



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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)