

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: P1047110

Luminaire Tested: **GALN-SA7B-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047110
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29745 lumens
Efficiency: N/A
Efficacy: 119.2 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): 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



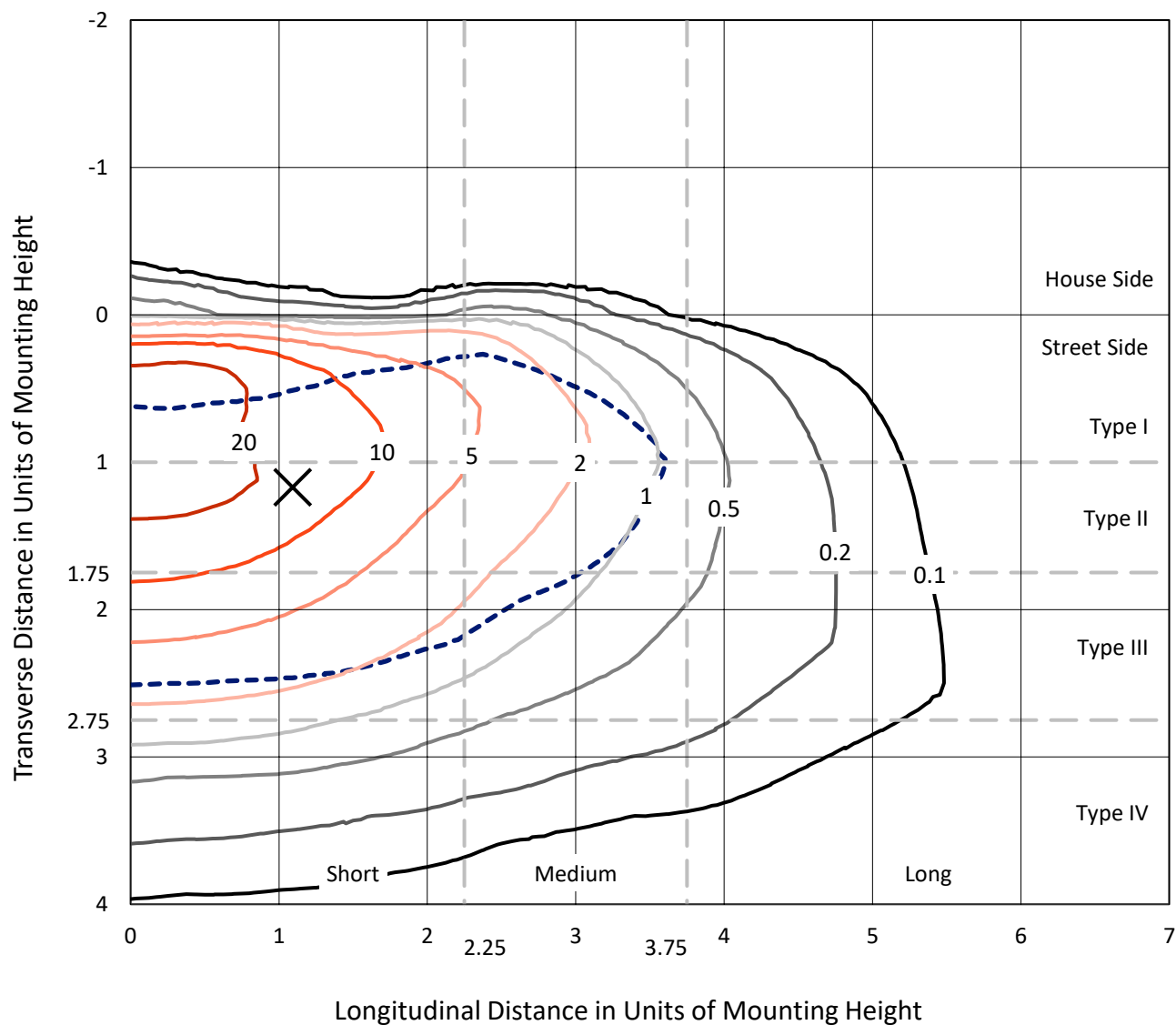
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CATALOG NUMBER: GALN-SA7B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

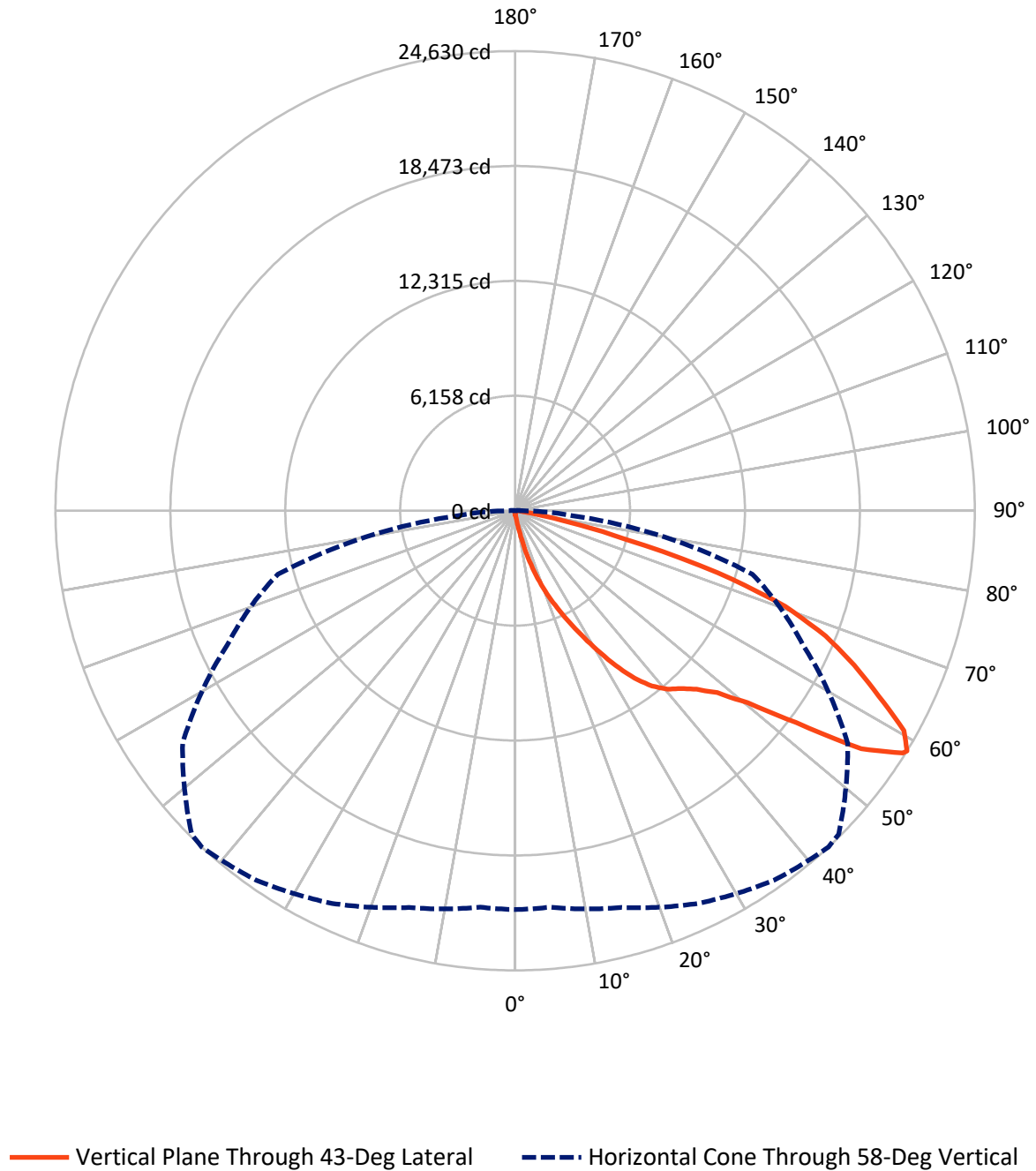


Based on 15 foot mounting height. Maximum calculated value = 33.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	108.6	0.0	108.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29636.3	0.0	29636.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	29745.0	0.0	29745.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	0.1
10°-20°	341.9	1.1
20°-30°	1232.4	4.1
30°-40°	2819.6	9.5
40°-50°	4755.6	16.0
50°-60°	7847.9	26.4
60°-70°	8771.1	29.5
70°-80°	3621.4	12.2
80°-90°	326.5	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°	29745.0	100.0
0°-180°	29745.0	100.0



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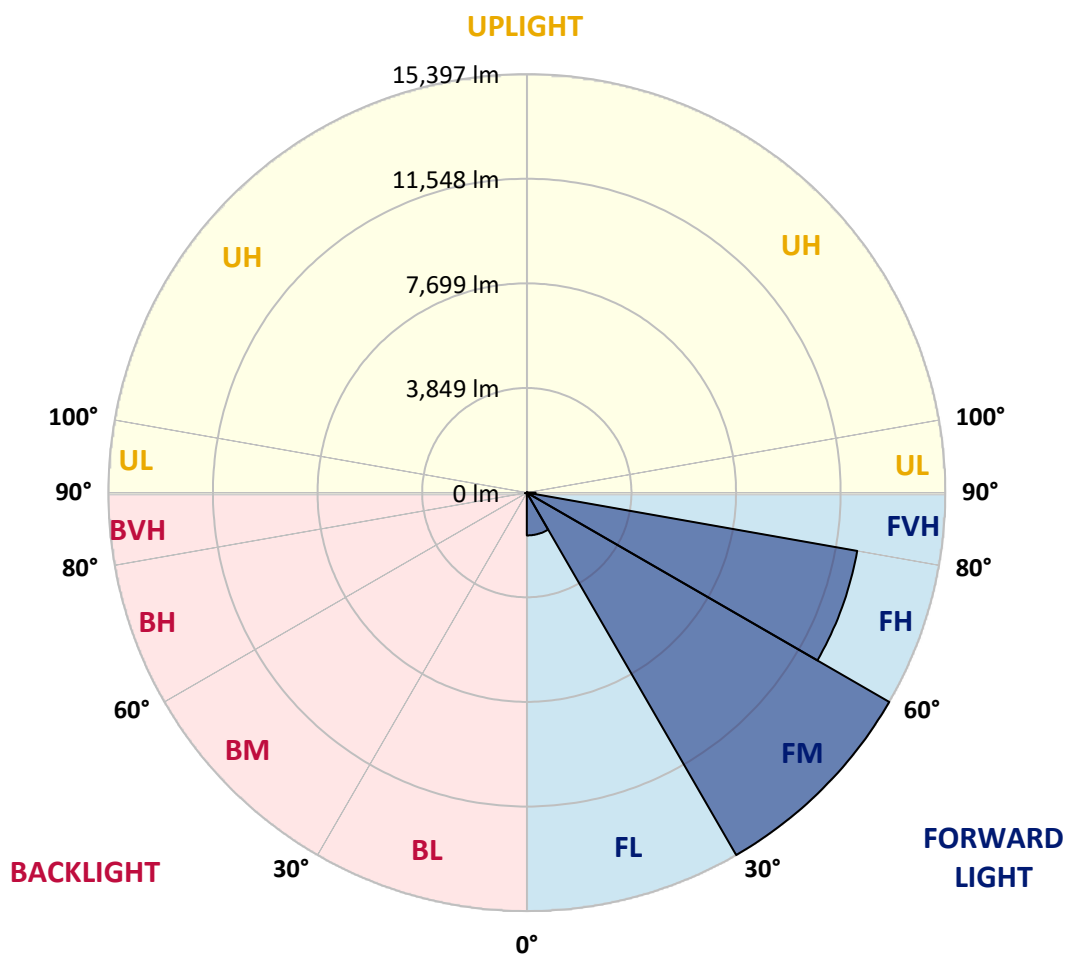
CATALOG NUMBER: GALN-SA7B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1574.5	5.3			
FM	(30°-60°)	15397.1	51.8			
FH	(60°-80°)	12342.8	41.5			G5
FVH	(80°-90°)	322.0	1.1			G3/500
BL	(0°-30°)	28.3	0.1	B0/110		
BM	(30°-60°)	26.0	0.1	B0/220		
BH	(60°-80°)	49.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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: P1047110

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5
2.5°	233.4	241.2	233.4	233.4	233.4	225.6	225.6	217.8	217.8	210.0	202.3
5°	342.3	342.3	319.0	303.4	287.8	280.1	272.3	256.7	241.2	225.6	210.0
7.5°	762.4	762.4	692.4	599.0	474.6	404.5	389.0	319.0	272.3	241.2	210.0
10°	1820.4	1820.4	1664.8	1408.1	1089.1	809.1	723.5	459.0	326.7	256.7	217.8
12.5°	3026.2	3065.1	2870.6	2543.9	2069.4	1579.2	1408.1	840.2	435.7	280.1	217.8
15°	4107.6	4014.2	3959.8	3648.6	3197.4	2613.9	2396.1	1415.9	630.1	319.0	217.8
17.5°	4838.9	4838.9	4761.1	4551.0	4138.7	3625.3	3446.3	2287.2	1019.1	365.6	225.6
20°	5694.6	5694.6	5554.6	5406.8	5041.1	4605.5	4434.3	3251.8	1579.2	466.8	225.6
22.5°	6729.3	6744.9	6589.3	6324.8	5974.7	5492.3	5344.5	4146.5	2287.2	622.4	233.4
25°	7989.6	8005.1	7779.5	7530.6	6993.8	6472.6	6247.0	5173.4	3150.7	871.3	233.4
27.5°	9382.1	9491.0	9156.5	8728.6	8160.7	7507.2	7336.1	6099.1	4006.5	1229.2	248.9
30°	11116.9	11116.9	10673.5	10074.5	9459.9	8650.8	8433.0	7071.6	4916.7	1703.7	264.5
32.5°	12610.6	12493.9	11926.0	11295.9	10642.4	9887.8	9654.4	8090.7	5850.2	2295.0	295.6
35°	13754.2	13653.1	12952.9	12276.1	11708.2	11015.8	10735.7	9195.4	6838.2	2964.0	342.3
37.5°	14734.4	14695.5	13746.4	12898.5	12525.0	11918.2	11669.3	10237.9	7810.6	3687.5	396.8
40°	15808.0	15683.5	14672.2	13622.0	13061.8	12571.7	12346.1	11078.0	8744.2	4535.5	474.6
42.5°	16726.0	16578.2	15668.0	14641.1	13684.2	13022.9	12805.1	11786.0	9654.4	5383.4	575.7
45°	17745.1	17667.3	16749.3	15971.4	14695.5	13637.5	13349.7	12353.9	10486.8	6394.8	707.9
47.5°	19277.7	19137.6	18281.9	17644.0	16165.9	14571.1	14158.7	12937.4	11288.1	7390.6	910.2
50°	21059.2	20965.8	20460.2	19954.5	18484.2	16165.9	15675.7	13777.5	12182.7	8573.0	1174.7
52.5°	22514.0	22498.4	22560.6	22568.4	21455.9	18849.8	18118.5	15131.2	13209.6	9740.0	1548.1
55°	22482.8	22552.9	23237.4	24023.2	24108.8	22514.0	21806.0	17410.6	14547.7	11179.2	2069.4
57.5°	21642.6	21588.2	22311.7	23494.2	24326.6	24497.7	24381.0	20950.3	16562.6	12914.0	2870.6
58°	21370.4	21323.7	22008.3	23214.1	24171.0	24630.0	24513.3	21751.6	17013.8	13163.0	3088.5
60°	20382.4	20390.1	20794.7	21891.6	22848.5	23937.6	24046.5	24038.7	19262.1	14827.8	4185.4
62.5°	19075.4	19013.2	19386.6	20281.2	21121.4	21852.7	22039.4	24194.3	22552.9	16943.8	6278.1
65°	17270.6	17177.2	17574.0	18585.3	19487.7	19962.3	19970.0	22109.4	24101.0	19215.4	9265.4
67.5°	13917.6	13839.8	14633.3	15932.5	17325.0	17947.4	18227.4	19184.3	22794.0	20755.8	10976.9
70°	8526.4	8689.7	9794.4	11832.7	14213.2	15356.8	15776.9	16072.5	19409.9	20522.4	9179.8
72.5°	3936.4	3742.0	4683.3	6106.9	8822.0	11365.9	11801.5	12960.7	15387.9	17815.1	6846.0
75°	1836.0	1766.0	1983.8	2668.4	3998.7	6138.0	6931.6	10346.8	11801.5	12392.8	4940.0
77.5°	941.3	949.1	1128.0	1213.6	1649.3	2839.5	3259.6	6807.1	8650.8	6916.0	3314.1
80°	412.3	427.9	435.7	474.6	669.0	1096.9	1236.9	3158.5	5912.4	3524.1	1812.6
82.5°	264.5	272.3	272.3	272.3	319.0	435.7	497.9	1268.1	2948.4	1750.4	560.1
85°	140.0	140.0	155.6	194.5	225.6	264.5	280.1	404.5	972.4	521.2	132.3
87.5°	77.8	85.6	93.4	116.7	147.8	178.9	194.5	280.1	373.4	357.9	31.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5	194.5
2.5°	202.3	194.5	186.7	178.9	171.1	163.4	163.4	163.4	163.4	163.4	163.4
5°	194.5	186.7	178.9	163.4	147.8	140.0	132.3	124.5	124.5	124.5	124.5
7.5°	194.5	186.7	163.4	147.8	132.3	116.7	101.1	101.1	101.1	101.1	101.1
10°	194.5	178.9	155.6	132.3	108.9	93.4	85.6	77.8	77.8	77.8	77.8
12.5°	194.5	171.1	147.8	116.7	93.4	77.8	70.0	62.2	62.2	62.2	62.2
15°	194.5	171.1	140.0	108.9	85.6	62.2	54.5	46.7	46.7	46.7	46.7
17.5°	186.7	163.4	132.3	93.4	70.0	46.7	38.9	31.1	31.1	38.9	38.9
20°	178.9	155.6	116.7	77.8	54.5	38.9	23.3	23.3	23.3	23.3	23.3
22.5°	178.9	155.6	108.9	70.0	46.7	23.3	15.6	15.6	15.6	15.6	23.3
25°	178.9	147.8	93.4	54.5	31.1	15.6	7.8	7.8	7.8	7.8	7.8
27.5°	178.9	147.8	85.6	46.7	23.3	15.6	7.8	0.0	0.0	0.0	0.0
30°	171.1	140.0	77.8	38.9	15.6	7.8	0.0	0.0	0.0	0.0	0.0
32.5°	171.1	132.3	62.2	31.1	15.6	7.8	0.0	0.0	0.0	0.0	0.0
35°	178.9	124.5	54.5	23.3	7.8	0.0	0.0	0.0	0.0	0.0	7.8
37.5°	186.7	116.7	46.7	15.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	194.5	108.9	46.7	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	210.0	108.9	38.9	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	225.6	108.9	31.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	256.7	116.7	31.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	280.1	124.5	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	311.2	116.7	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	350.1	116.7	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	381.2	108.9	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	396.8	101.1	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	474.6	93.4	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	739.1	77.8	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1501.4	70.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2800.6	62.2	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3135.1	70.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1976.0	54.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1042.5	54.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	521.2	54.5	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	241.2	38.9	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	101.1	23.3	15.6	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	46.7	23.3	15.6	15.6	7.8	7.8	0.0	0.0	0.0	0.0	0.0
87.5°	23.3	23.3	23.3	15.6	15.6	7.8	7.8	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

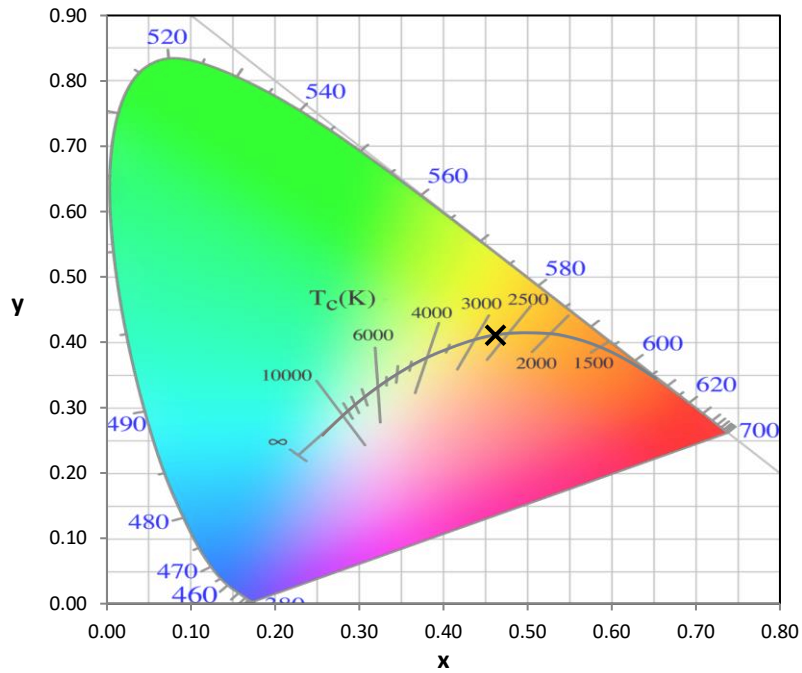
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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

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CIE 1931 Chromaticity Diagram



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



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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			

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Scotopic Flux vs. Wavelength



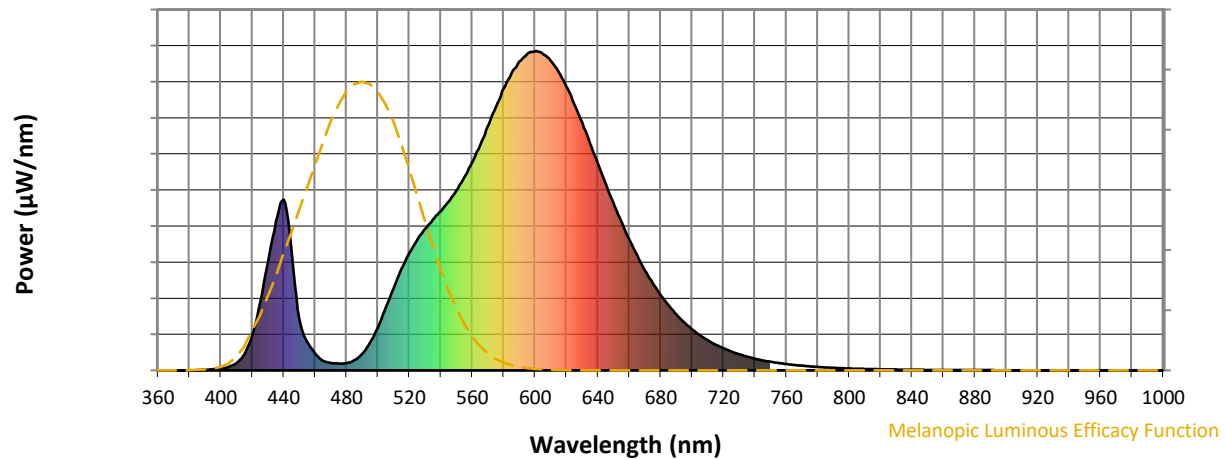
Scotopic Lumens: NR

S/P: 1.02

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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			

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TM-30-18

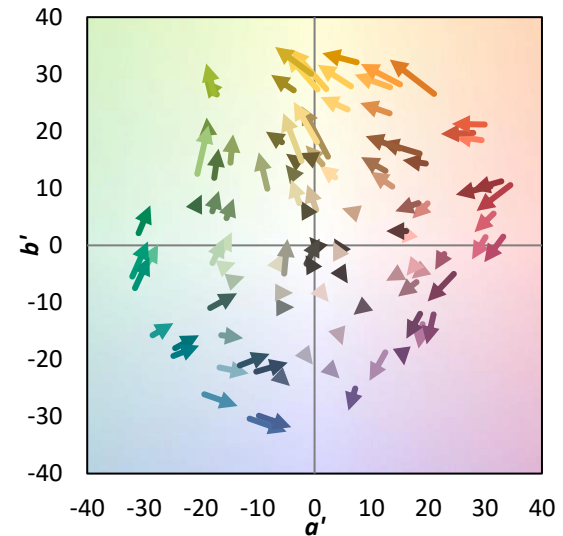
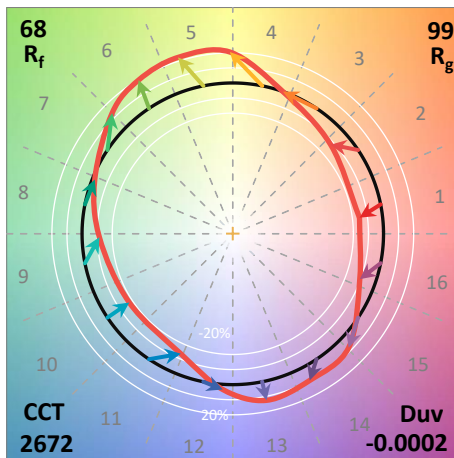
Summary

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

Spectral Power Distribution Comparison



Color Vector Graphics



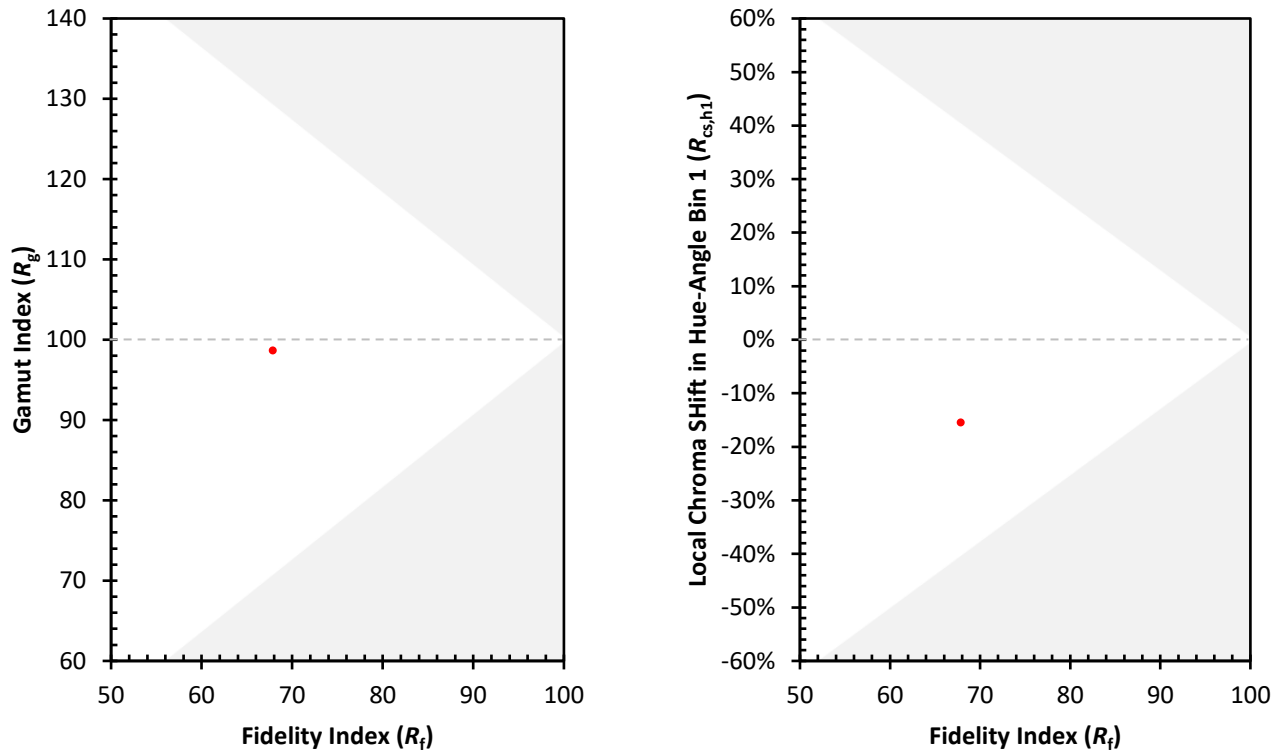
Individual Sample Fidelity Index ($R_{f,i}$)

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)