

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: P1048329

Luminaire Tested: **GALN-SA6A-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048329
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19636.4 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 162.9
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

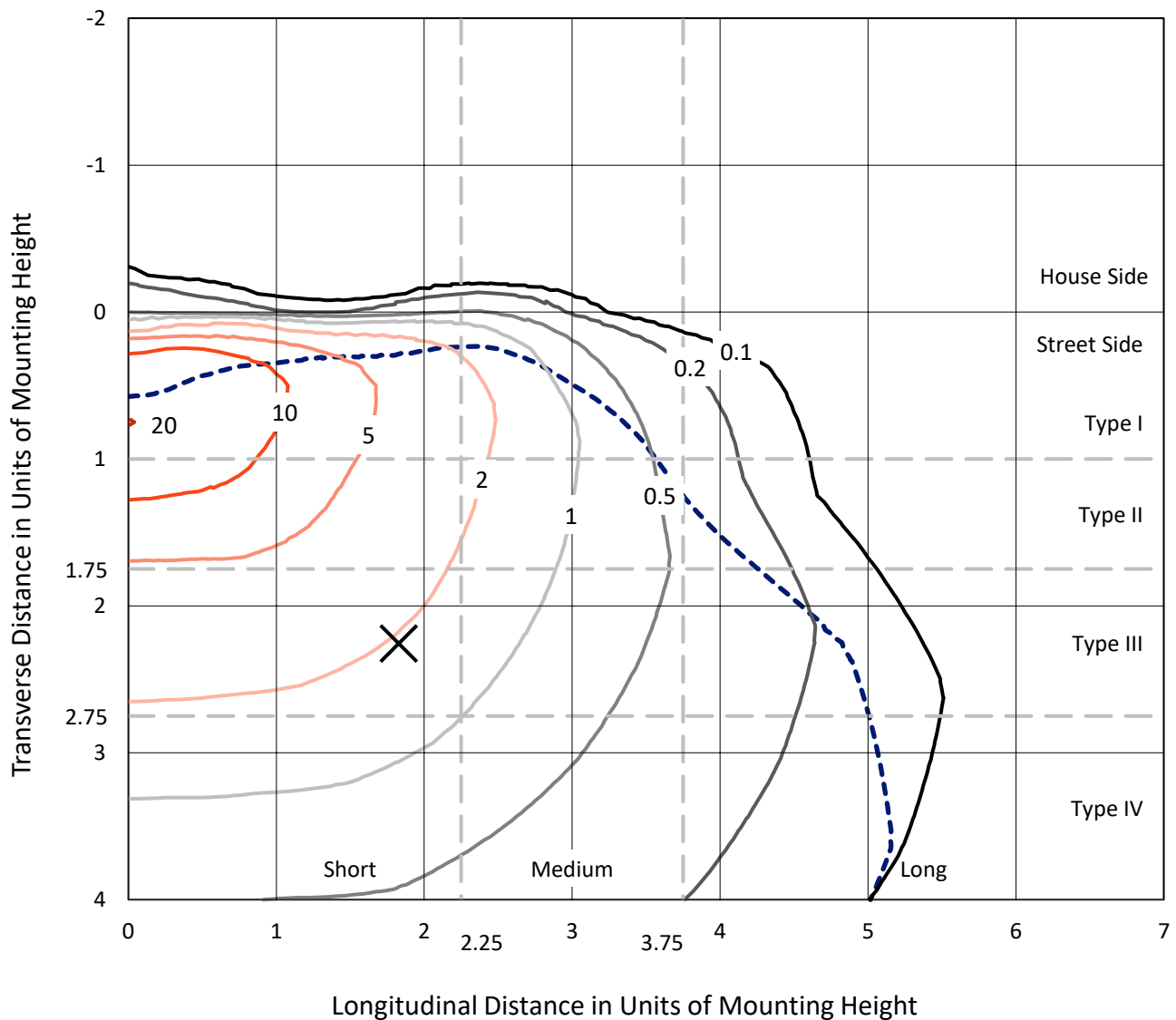


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

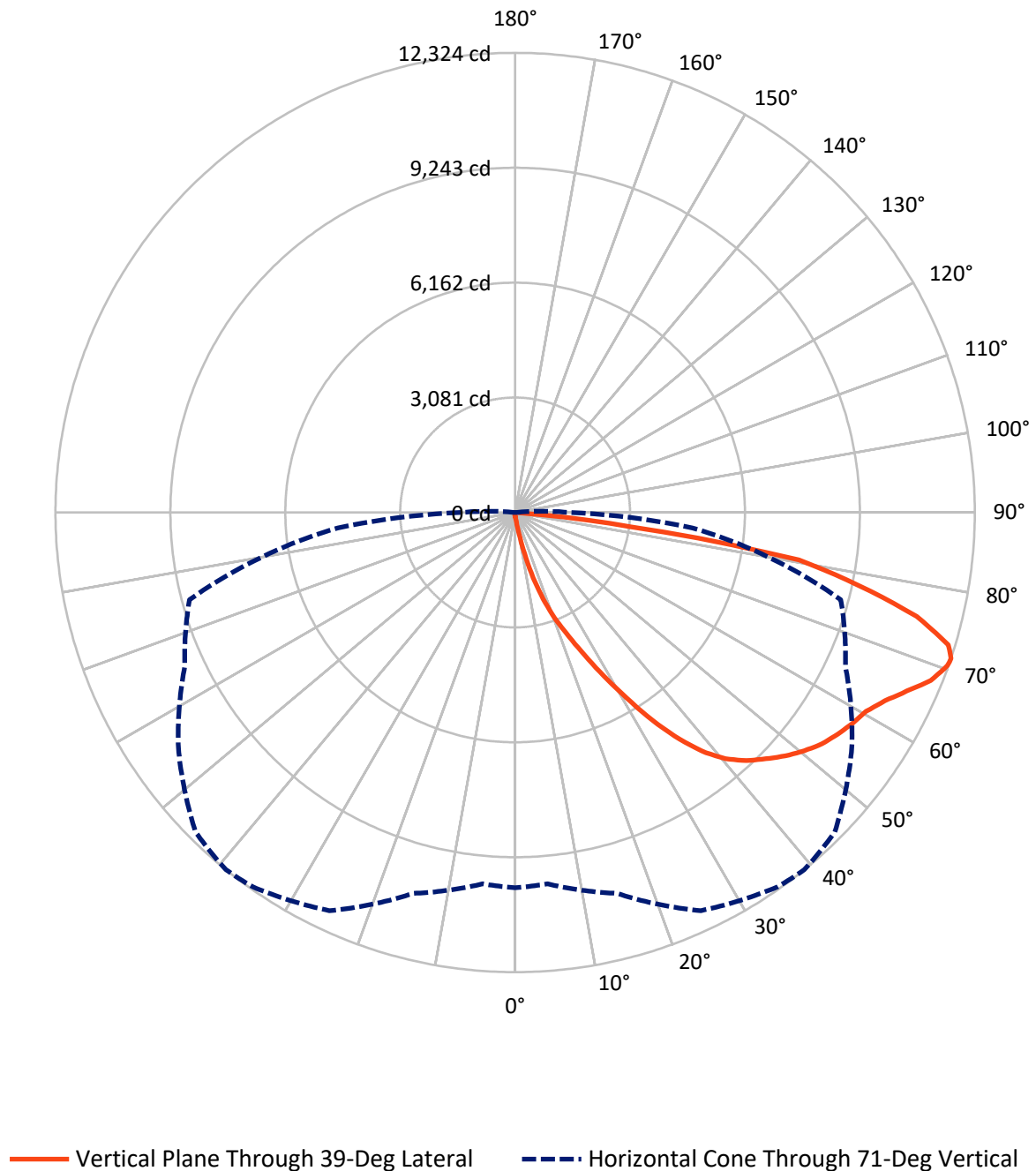


Based on 15 foot mounting height. Maximum calculated value = 20.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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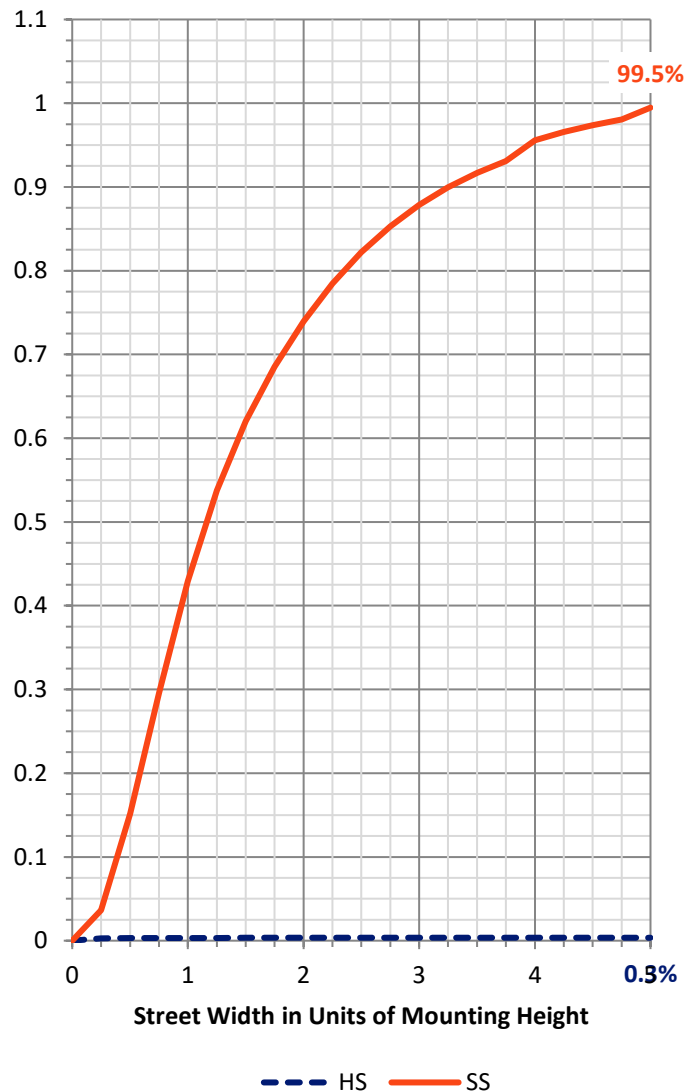
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.8	0.0	69.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19566.6	0.0	19566.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	19636.4	0.0	19636.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	0.1
10°-20°	209.9	1.1
20°-30°	747.4	3.8
30°-40°	1801.3	9.2
40°-50°	3014.7	15.4
50°-60°	3872.0	19.7
60°-70°	4900.0	25.0
70°-80°	4368.6	22.2
80°-90°	706.2	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°	19636.4	100.0
0°-180°	19636.4	100.0



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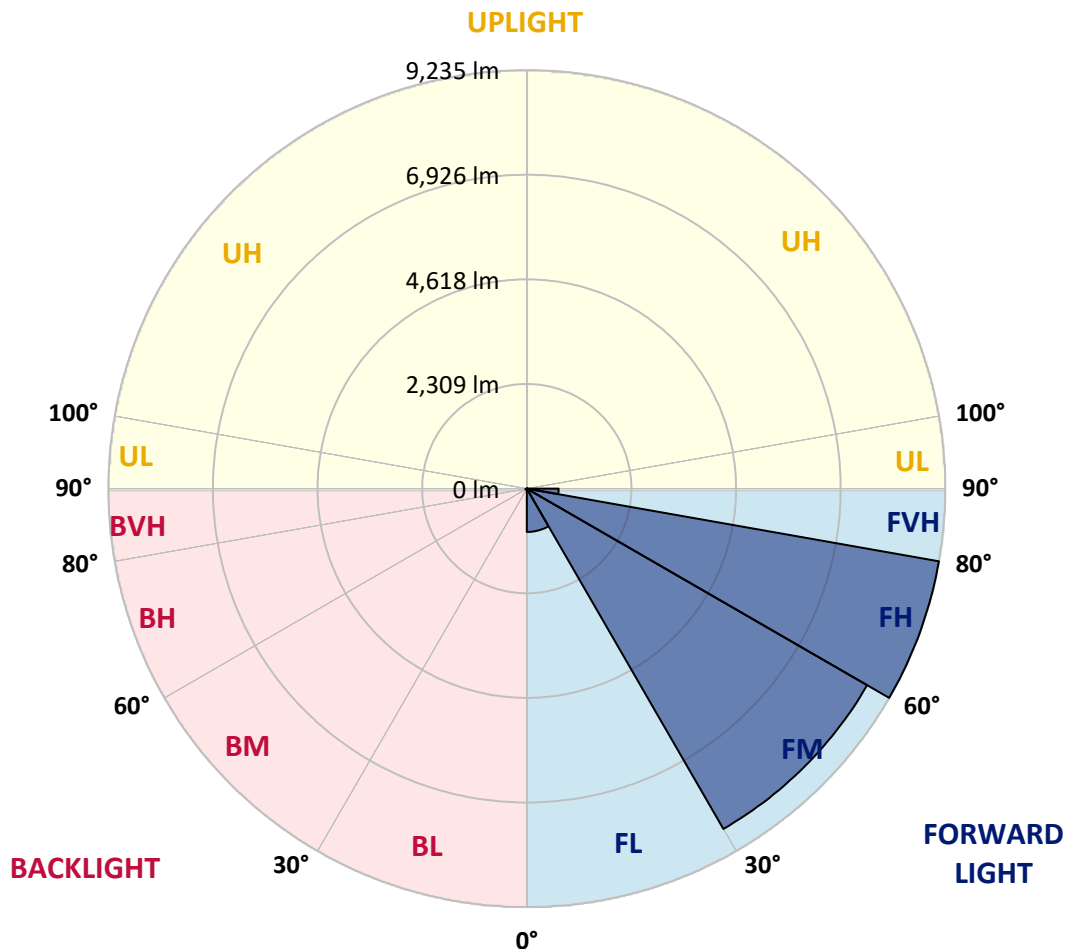
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	956.8	4.9			
FM	(30°-60°)	8671.8	44.2			
FH	(60°-80°)	9235.0	47.0			G4/12000
FVH	(80°-90°)	703.0	3.6			G4/750
BL	(0°-30°)	16.9	0.1	B0/110		
BM	(30°-60°)	16.2	0.1	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7
2.5°	123.6	123.6	123.6	119.6	119.6	118.3	117.0	117.0	114.3	113.0	110.3
5°	187.4	183.4	174.1	168.8	158.2	151.5	144.9	135.6	126.3	119.6	111.7
7.5°	424.0	433.3	402.8	345.6	287.1	261.9	219.3	176.8	146.2	126.3	113.0
10°	1080.7	1075.4	971.7	857.4	662.0	583.6	457.3	288.5	188.8	138.2	114.3
12.5°	1838.4	1833.1	1710.8	1555.3	1297.4	1133.9	894.6	538.4	271.2	156.9	114.3
15°	2475.1	2453.9	2415.3	2261.1	1959.4	1822.4	1506.1	951.8	438.7	188.8	117.0
17.5°	2896.5	2877.9	2842.0	2786.2	2594.8	2432.6	2178.7	1495.4	709.8	244.6	122.3
20°	3283.3	3270.0	3240.8	3230.1	3106.5	3020.1	2810.1	2120.2	1106.0	332.3	130.3
22.5°	3815.0	3787.1	3799.1	3735.3	3614.3	3510.6	3381.7	2774.2	1589.8	478.5	144.9
25°	4466.4	4453.1	4419.9	4374.7	4207.2	4116.8	3918.7	3391.0	2130.8	670.0	160.8
27.5°	5253.3	5238.7	5230.7	5127.0	4934.3	4835.9	4559.4	3973.2	2739.6	938.5	182.1
30°	6159.9	6166.5	6114.7	5981.8	5757.1	5618.9	5334.4	4583.4	3363.1	1253.5	204.7
32.5°	7098.4	7085.1	7005.3	6848.4	6647.7	6518.8	6157.2	5252.0	4017.1	1669.6	231.3
35°	8109.9	8084.7	7874.7	7695.2	7523.7	7361.6	7031.9	6028.3	4671.1	2136.2	267.2
37.5°	9130.8	9012.5	8591.1	8363.8	8245.5	8112.6	7805.5	6856.4	5321.1	2657.2	311.1
40°	9901.8	9810.1	9310.3	8891.6	8797.2	8684.2	8455.5	7571.6	6012.3	3216.9	364.2
42.5°	10328.5	10278.0	9828.7	9415.3	9193.3	9093.6	8898.2	8196.3	6695.6	3835.0	441.3
45°	10510.6	10432.2	10131.8	9939.0	9585.4	9420.6	9188.0	8668.2	7409.4	4536.8	549.0
47.5°	10454.8	10409.6	10194.2	10264.7	10008.1	9751.6	9410.0	9029.8	8019.5	5342.4	696.5
50°	10103.9	10065.3	9998.8	10380.3	10348.4	10045.4	9697.1	9315.6	8518.0	6173.2	925.2
52.5°	9436.6	9420.6	9590.8	10290.0	10541.2	10304.6	9973.6	9568.2	8983.3	7041.2	1252.2
55°	8576.5	8641.6	9128.2	10149.1	10639.6	10496.0	10218.2	9804.8	9356.8	7817.5	1734.7
57.5°	8222.9	8240.2	8847.7	10049.4	10683.4	10664.8	10456.1	10030.7	9699.8	8438.3	2471.1
60°	8636.3	8609.7	8930.1	10125.1	10771.2	10816.4	10667.5	10240.8	9997.5	8971.3	3452.1
62.5°	9383.4	9368.8	9471.1	10448.1	11027.7	11119.4	10961.2	10392.3	10260.7	9322.2	4571.4
65°	10050.7	10020.1	10210.2	11021.1	11478.3	11543.5	11405.2	10651.5	10376.4	9577.5	5622.9
67.5°	10339.1	10332.5	10638.2	11566.1	11951.6	12022.0	11901.0	11009.1	10349.8	9658.5	6086.8
70°	10207.5	10182.3	10671.5	11797.4	12218.7	12298.5	12181.5	11142.0	10061.3	9402.0	5399.5
71°	10062.6	9994.9	10571.8	11781.4	12256.0	12323.8	12119.0	11021.1	9771.5	9037.8	4776.1
72.5°	9613.4	9625.3	10297.9	11615.2	12166.9	12147.0	11765.5	10587.7	9421.9	8211.0	3836.3
75°	8507.4	8577.8	9411.3	10917.4	11372.0	11118.1	10534.5	9759.6	8720.1	5887.4	2663.9
77.5°	6952.1	7057.1	7973.0	9574.8	9445.9	9420.6	9396.7	8599.1	7446.6	3162.4	1853.0
80°	3319.2	3546.5	4809.3	6835.2	7425.4	7711.2	7531.7	6929.5	5758.4	1506.1	1107.3
82.5°	216.7	214.0	303.1	574.2	2420.6	3129.1	4971.5	4952.9	4014.4	733.8	452.0
85°	102.4	105.0	115.6	131.6	152.9	167.5	231.3	1355.9	1920.8	349.6	98.4
87.5°	59.8	61.1	71.8	91.7	119.6	132.9	158.2	203.4	249.9	192.7	21.3
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-SA6A-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7
2.5°	109.0	107.7	103.7	99.7	95.7	93.0	91.7	93.0	93.0	94.4	94.4
5°	109.0	105.0	98.4	90.4	85.1	79.8	77.1	75.8	77.1	77.1	77.1
7.5°	107.7	101.0	91.7	82.4	75.8	69.1	66.5	65.1	65.1	66.5	66.5
10°	105.0	98.4	86.4	75.8	67.8	59.8	55.8	51.8	51.8	51.8	53.2
12.5°	103.7	94.4	79.8	69.1	58.5	49.2	41.2	37.2	38.5	38.5	38.5
15°	101.0	90.4	75.8	62.5	49.2	37.2	30.6	26.6	27.9	29.2	27.9
17.5°	101.0	89.1	70.5	54.5	38.5	27.9	22.6	19.9	19.9	21.3	21.3
20°	101.0	86.4	66.5	46.5	29.2	21.3	16.0	14.6	14.6	17.3	18.6
22.5°	103.7	86.4	61.1	38.5	23.9	16.0	12.0	10.6	12.0	14.6	16.0
25°	107.7	85.1	55.8	34.6	19.9	12.0	9.3	6.6	8.0	10.6	12.0
27.5°	111.7	83.7	50.5	30.6	16.0	9.3	6.6	5.3	4.0	5.3	5.3
30°	115.6	83.7	45.2	25.3	13.3	6.6	4.0	2.7	1.3	0.0	0.0
32.5°	118.3	81.1	41.2	19.9	10.6	5.3	2.7	1.3	0.0	0.0	0.0
35°	121.0	78.4	35.9	16.0	8.0	4.0	1.3	0.0	0.0	0.0	0.0
37.5°	123.6	74.4	30.6	13.3	6.6	2.7	0.0	0.0	0.0	0.0	0.0
40°	126.3	69.1	25.3	12.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	128.9	65.1	21.3	9.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	135.6	62.5	17.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	147.6	59.8	16.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	164.8	57.2	14.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	188.8	55.8	13.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	231.3	54.5	12.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	304.4	53.2	12.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	466.6	50.5	12.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	833.5	49.2	10.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1452.9	50.5	10.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2083.0	53.2	9.3	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1782.6	46.5	9.3	5.3	2.7	1.3	0.0	0.0	0.0	0.0	0.0
71°	1452.9	41.2	9.3	5.3	2.7	1.3	1.3	0.0	0.0	0.0	0.0
72.5°	934.5	31.9	8.0	5.3	2.7	2.7	1.3	0.0	0.0	0.0	0.0
75°	394.8	26.6	8.0	5.3	4.0	2.7	2.7	1.3	0.0	0.0	0.0
77.5°	168.8	19.9	8.0	6.6	5.3	4.0	4.0	2.7	1.3	0.0	0.0
80°	63.8	16.0	9.3	8.0	6.6	6.6	5.3	2.7	1.3	0.0	0.0
82.5°	29.2	13.3	9.3	8.0	8.0	6.6	5.3	4.0	2.7	0.0	0.0
85°	18.6	12.0	9.3	8.0	8.0	6.6	6.6	4.0	2.7	0.0	0.0
87.5°	14.6	12.0	9.3	9.3	8.0	8.0	5.3	4.0	1.3	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



Point lies inside the ANSI 2700K 4-step quadrangle

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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	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 $\text{W}^{\wedge}/\text{nm}$	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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TM-30-18

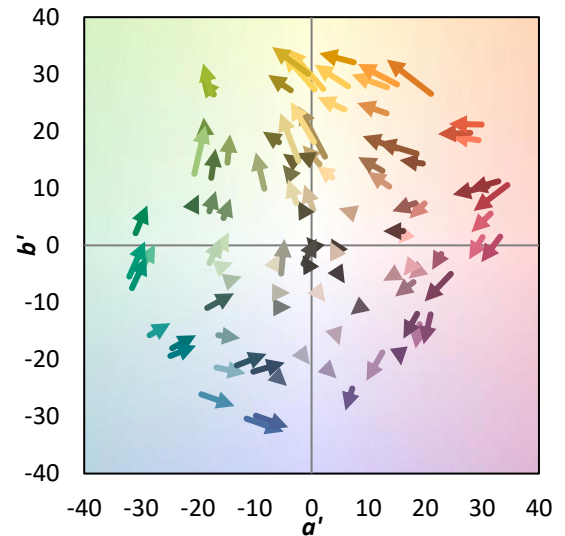
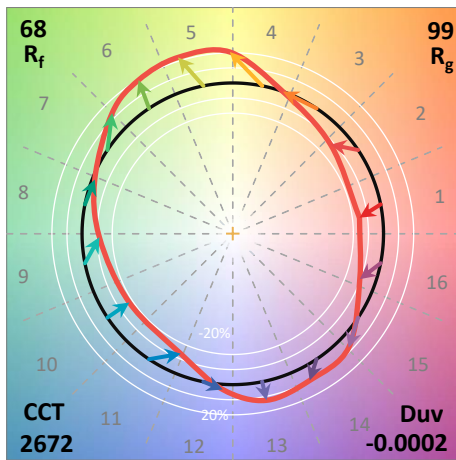
Summary

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

Spectral Power Distribution Comparison

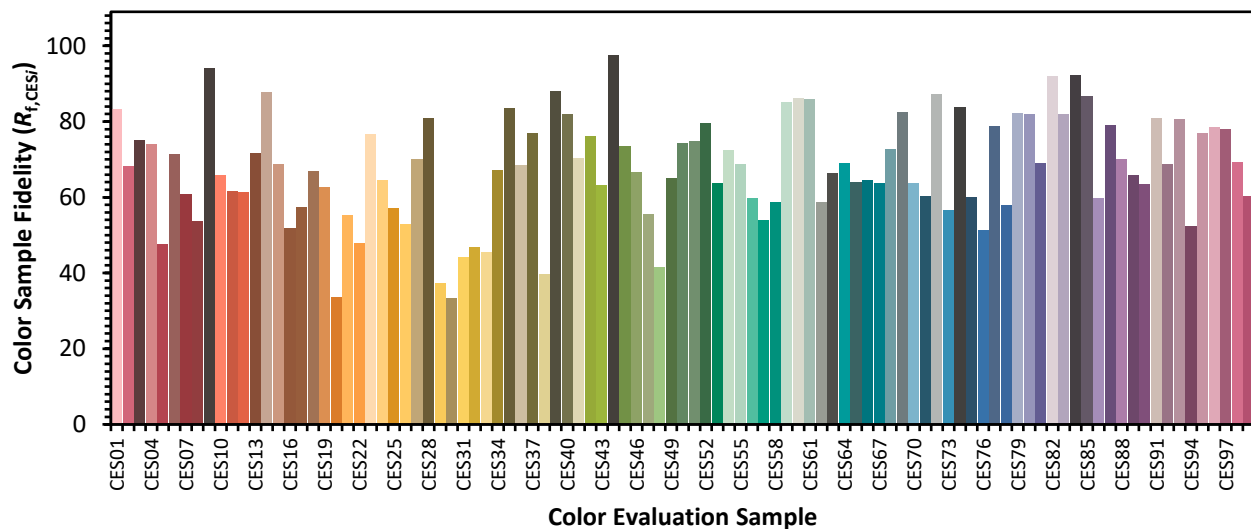


Color Vector Graphics



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)